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12Â months (or for such shorter period that the registrant was required to file such reports), and (2)Â has been subject to such filing requirements for the past 90Â days.Â Yes â˜‘ No â˜Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to RuleÂ 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12Â months (or for such shorter period that the registrant was required to submitÂ such files). YesÂ â˜‘ NoÂ Â â˜Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting companyâ€ andÂ â€œemerging growth companyâ€ in RuleÂ 12b-2 of the Exchange Act.â€‹Large accelerated filerÂ â˜‘Accelerated filerÂ â˜Non-acceleratedÂ filer â˜Smaller reporting companyÂ â˜Â Emerging growth companyÂ â˜â€‹If an emerging growth company, indicateÂ by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to SectionÂ 13(a)Â of the Exchange Act. â˜Indicate by check mark whether the registrant is a shell company (as defined in RuleÂ 12b-2 of the Exchange Act). Yes â˜ No â˜There were38,745,197Â shares of the Registrantâ€™s Common Stock outstanding as ofÂ August 2, 2024.â€‹â€‹â€‹â€‹ Table of ContentsTABLE OF CONTENTSâ€‹â€‹Â Â Â Â Â PagePARTÂ I Â Â FINANCIAL INFORMATIONâ€‹â€‹ItemÂ 1. Financial Statements (Unaudited)â€‹â€‹Condensed Consolidated Balance Sheetsâ€‹3Condensed Consolidated Statements of Comprehensive Income â€‹4Condensed Consolidated Statements of Stockholdersâ€™ Equityâ€‹5Condensed Consolidated Statements of Cash Flowsâ€‹7NotesÂ to Condensed Consolidated Financial Statementsâ€‹9ItemÂ 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€‹29ItemÂ 3. Quantitative and Qualitative Disclosures About Market Riskâ€‹44ItemÂ 4. Controls and Proceduresâ€‹45PARTÂ IIÂ Â OTHER INFORMATIONâ€‹â€‹ItemÂ 1. Legal Proceedingsâ€‹46ItemÂ 1A. Risk Factorsâ€‹46ItemÂ 2. Unregistered Sales of Equity Securities and Use of Proceedsâ€‹46ItemÂ 3. Defaults Upon Senior Securitiesâ€‹46ItemÂ 4. Mine Safety Disclosuresâ€‹46ItemÂ 5. Other Informationâ€‹46ItemÂ 6. Exhibitsâ€‹47INDEX TO EXHIBITSâ€‹47SIGNATURESâ€‹48â€‹â€‹â€‹â€‹2 Table of ContentsPARTÂ IÂ â€” FINANCIAL INFORMATIONItemÂ 1. Financial StatementsPDF SOLUTIONS,Â INC.CONDENSED CONSOLIDATED BALANCE SHEETS(Unaudited)(in thousands, except par value)â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024Â Â Â Â 2023ASSETSÂ â€‹Â Â Â Â â€‹Â Â Current assets:Â â€‹Â Â Â Â â€‹Â Â Cash and cash equivalentsâ€‹$ 91,987â€‹$ 98,978Short-term investmentsâ€‹Â 25,888â€‹Â 36,544Accounts receivable, net of allowance for credit losses of $890 as of June 30, 2024 and December 31, 2023â€‹Â 56,410â€‹Â 44,904Prepaid expenses and other current assetsâ€‹Â 19,007â€‹Â 17,422Total current assetsâ€‹Â 193,292â€‹Â 197,848Property and equipment, netâ€‹Â 40,707â€‹Â 37,338Operating lease right-of-use assets, netâ€‹Â 4,424â€‹Â 4,926Goodwillâ€‹Â 14,996â€‹Â 15,029Intangible assets, netâ€‹Â 13,897â€‹Â 15,620Deferred tax assets, netâ€‹Â 145â€‹Â 157Other non-current assetsâ€‹Â 30,538â€‹Â 19,218Total assetsâ€‹$ 297,999â€‹$ 290,136â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹LIABILITIES AND STOCKHOLDERSâ€™ EQUITYâ€‹Â Â Â Â â€‹Â Â Current liabilities:â€‹Â Â Â Â â€‹Â Â Accounts payableâ€‹$ 4,219â€‹$ 2,561Accrued compensation and related benefitsâ€‹Â 11,468â€‹Â 14,800Accrued and other current liabilitiesâ€‹Â 5,994â€‹Â 4,633Operating lease liabilities â€“ current portionâ€‹Â 1,609â€‹Â 1,529Deferred revenues â€“ current portionâ€‹Â 31,662â€‹Â 25,750Billings in excess of recognized revenuesâ€‹Â 512â€‹Â 1,570Total current liabilitiesâ€‹Â 55,464â€‹Â 50,843Long-term income taxesâ€‹Â 2,668â€‹Â 2,972Non-current portion of operating lease liabilitiesâ€‹Â 4,003â€‹Â 4,657Other non-current liabilitiesâ€‹Â 3,711â€‹Â 2,718Total liabilitiesâ€‹Â 65,846â€‹Â 61,190Commitments and contingencies (Note 11)â€‹Â Â Â Â â€‹Â Â Â Â Â Stockholdersâ€™ equity:â€‹Â Â Â Â â€‹Â Â Â Â Preferred stock, $0.00015 par value, 5,000 shares authorized, no shares issued and outstandingâ€‹â€‹ â€”â€‹â€‹ â€”Common stock, $0.00015 par value, 70,000 shares authorized; shares issued 50,224 and 49,749, respectively; shares outstanding 38,431 and 38,289, respectivelyâ€‹Â 6â€‹Â 6Additional paid-in capitalâ€‹Â 487,219â€‹Â 473,295Treasury stock at cost, 11,793 and 11,460 shares, respectivelyâ€‹Â (155,084)â€‹Â (143,923)Accumulated deficitâ€‹Â (96,733)â€‹Â (98,045)Accumulated other comprehensive lossâ€‹Â (3,255)â€‹Â (2,387)Total stockholdersâ€™ equityâ€‹Â 232,153â€‹Â 228,946Total liabilities and stockholdersâ€™ equityâ€‹$ 297,999â€‹$ 290,136â€‹See accompanying NotesÂ to Condensed Consolidated Financial Statements (Unaudited)3 Table of ContentsPDF SOLUTIONS,Â INC.CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME(Unaudited)(in thousands, except per share amounts)â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Revenues:Â â€‹Â Â Â Â â€‹Â Â Â Â â€‹Â Â Â Â â€‹Â Â Analyticsâ€‹$ 38,114â€‹$ 37,134â€‹$ 76,577â€‹$ 73,460Integrated Yield Rampâ€‹Â 3,547â€‹Â 4,467â€‹Â 6,394â€‹Â 8,900Total revenuesâ€‹Â 41,661â€‹Â 41,601â€‹Â 82,971â€‹Â 82,360â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹

promised products or services.The Company determines revenue recognition through the following five steps:â—Identification of the contract, or contracts, with a customerâ—Identification of the performance obligations in the contractâ—Determination of the transaction priceâ—Allocation of the transaction price to the performance obligations in the contractâ—Recognition of revenue when, or as, performance obligations are satisfiedThe Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectibility of consideration is probable.Contracts with Multiple Performance ObligationsThe Company enters into contracts that can include various combinations of licenses, products and services, some of which are distinct and are accounted for as separate performance obligations. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price (â€œSSPâ€).Analytics RevenueAnalytics revenue is derived from the following primary offerings: licenses and services for standalone software (which is primarilyÂ ExensioÂ® and CimetrixÂ® products), software-as-a-service (â€œSaaSâ€) (which is primarily ExensioÂ® products), and Design-for-Inspectionâ„¢ (â€œDFIâ„¢â€) systems and Characterization VehicleÂ® (â€œCVÂ®â€) systems that do not include performance incentives based on customersâ€™ yield achievement.10 Table of ContentsRevenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers if the software license is considered as a separate performance obligation from the services offered by the Company. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because the Company isÂ providing (i)Â support and (ii)Â unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation.Revenue from SaaS arrangements,Â which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as a subscriptionÂ and is recognizedÂ as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers.Â For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis usingÂ the SSPÂ attributed to each performance obligation.Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customersâ€™ yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs. For those contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise, it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the lease. When the Companyâ€™s leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets.11 Table of ContentsIntegrated Yield RampÂ RevenueIntegrated Yield Ramp revenue is derived from the Companyâ€™s fixed-fee engagements that include performance incentives based on customersâ€™ yield achievement (which consists primarily of Gainshare royalties) typically based on customerâ€™s wafer shipments, pertaining to these fixed-price contracts, which royalties are variable.Revenue under these project-based contracts, which are delivered over a specific period of time, typically for a fixed-fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs and allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of the Companyâ€™s intellectual propertyÂ after the fixed-fee service period ends, based on a customerâ€™s yield achievement.Â Revenue derived from Gainshare is contingent upon the Companyâ€™s customers reaching certain defined production yield levels. Gainshare periods are generally subsequent to the delivery of all contractual services and performance obligations. The Company recordsÂ Gainshare as a usage-based royalty derived from customersâ€™Â usage of intellectual property and records it in the same period in which the usage occurs.Disaggregation of RevenueThe Company disaggregates revenue from contracts with customers into the timing of the transfer of goods and services and the geographical regions. The Company determinedÂ that disaggregating revenue into these categories achieves the disclosure objective to depict how the nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factors.The Companyâ€™s performance obligations are satisfied either over time or at a point-in-time. The following table represents a disaggregation of revenue percentage by timing of revenue:â€‹â€‹â€‹

1,598â€‹Â (1,025)â€‹Â 573PatentÂ 6-10â€‹Â 2,100â€‹Â (1,826)â€‹Â 274â€‹Â 2,100â€‹Â (1,782)â€‹Â 318Noncompetition agreementsÂ 3â€‹Â 848â€‹Â (848)â€‹Â â€”â€‹Â 848â€‹Â (848)â€‹Â â€”Totalâ€‹â€‹â€‹$ 48,665â€‹$ (34,768)â€‹$ 13,897â€‹$ 48,704â€‹$ (33,084)â€‹$ 15,620â€‹16 Table of ContentsThe weighted average amortization period for acquired identifiable intangible assets was 4.8 years as of June 30, 2024. The following table summarizes intangible assets amortization expense in the accompanying condensed consolidated statements of comprehensive income (in thousands):â€‹â€‹â€‹

thousands):â€‹Three Months Ended

	JuneÂ 30,Â â€‹â€‹â€‹2024Â â€‹2023Â â€‹â€‹â€‹â€‹â€‹PercentageÂ â€‹â€‹â€‹â€‹PercentageÂ â€‹Â Â Â Â RevenuesÂ Â Â Â ofÂ RevenuesÂ Â Â Â Â RevenuesÂ Â Â Â ofÂ RevenuesÂ United Statesâ€‹$ 19,223Â 46%â€‹$ 22,339â€‹ 54%Japanâ€‹â€‹ 7,932â€‹ 19%â€‹â€‹ 2,593â€‹ 6%Chinaâ€‹Â 7,000Â 17%â€‹Â 7,421â€‹ 18%Rest of the worldâ€‹Â 7,506Â 18%â€‹Â 9,248â€‹ 22%Total revenueâ€‹$ 41,661Â 100%â€‹$ 41,601Â 100%â€‹Six Months Ended
	JuneÂ 30,Â â€‹â€‹â€‹2024Â â€‹2023Â â€‹â€‹â€‹â€‹â€‹PercentageÂ â€‹â€‹â€‹â€‹PercentageÂ â€‹Â Â Â Â RevenuesÂ Â Â Â ofÂ RevenuesÂ Â Â Â Â RevenuesÂ Â Â Â ofÂ RevenuesÂ United Statesâ€‹$ 36,956Â 45%â€‹$ 45,613Â 55%Japanâ€‹â€‹ 19,220â€‹ 23%â€‹â€‹ 4,870â€‹ 6%Chinaâ€‹Â 11,853Â 14%â€‹Â 14,378Â 18%Rest of the worldâ€‹Â 14,942Â 18%â€‹Â 17,499Â 21%Total revenueâ€‹$ 82,971Â 100%â€‹$ 82,360Â 100%â€‹Long-lived assets, net by geographic area are as follows (in

thousands):â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024â€‹2023United States (1)â€‹$ 50,828â€‹$ 45,619Rest of the worldâ€‹Â 1,615â€‹Â 1,362Total long-lived assets, netâ€‹$ 52,443â€‹$ 46,981(1)Â Includes assets deployed at customer sites which could be outside the U.S.â€‹25 Table of Contents10. FAIR VALUE MEASUREMENTSFair value is the exit price, or the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The multiple assumptions used to value financial instruments are referred to as inputs, and a hierarchy for inputs used in measuring fair value is established, that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs reflect assumptions market participants would use in pricing an asset or liability based on market data obtained from independent sources while unobservable inputs reflect a reporting entityâ€™s pricing based upon its own market assumptions. These inputs are ranked according to a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels.Level 1Â -Inputs are quoted prices in active markets for identical assets or liabilities.Â Â Level 2Â -Inputs are quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable and market-corroborated inputs which are derived principally from or corroborated by observable market data.Â Â Level 3Â -Inputs are derived from valuation techniques in which one or more significant inputs or value drivers are unobservable.â€‹The following table represents the Companyâ€™s assets measured at fair value on a recurring basis as of June 30, 2024,Â and DecemberÂ 31, 2023,Â and the basis for those measurements (in

| thousands):â€‹Fair Value Measurements | | |

significant relevance to the P.R.C. market, adding novel and complex export control restrictions, clarifications and corrections, and requests for further public comment. Current U.S. government regulatory agendas indicate that several additional rules are now in development to further control certain items, restrict U.S. person activity, and revise previously issued regulations. For example, on July 29, 2024, the U.S. government officially published three sets of proposed regulations that would add restrictions on U.S. items for certain end-uses and end-users. The proposals would also separately add restrictions on U.S. person activity, such as help for or transactional activity with such end-uses or end-users. This would relate to development, production, or service of military items, law enforcement and internal security, or intelligence services of certain countries. The proposal gives the example of U.S. person assistance to develop a high-end integrated circuit sought by the military. The proposed regulations are complicated, would reach into commercial supply chains, and would be challenging to interpret. U.S. government policy and regulation remain fluid and uncertain, and could in the future impact segments of our business. Other countries and jurisdictions with important roles in our industry are updating some of their export control regulations to further align with those of the U.S. government and, in some cases, to counter U.S. regulations. For example, the P.R.C. has imposed restrictions on imports of certain memory ICs offered by U.S. companies and has been developing its legal authorities to counter foreign sanctions. On April 12, 2024, the U.S. government renewed its caution that visitors to the P.R.C. are subject to arbitrary enforcement of local laws and wrongful detention, a risk that could deter or hinder certain business activities. Based on our current assessments, we expect the near-term impact of these expanded trade restrictions on our business to be limited, but revisions, clarifications, and proposals that are still in government development and open questions of interpretation leave much unknown. A change of political parties in the U.S. Presidential Administration in January 2025, could accelerate international trade restrictions, increase tariffs, and expand trade tensions, which could negatively impact our future sales. We will continue to monitor for any further trade restrictions, other regulatory or policy changes by the U.S. or foreign governments and any actions in response. The uncertainty caused by these recent regulations and the potential for additional future restrictions could negatively affect our future sales in the P.R.C. market.â—Investments in semiconductor manufacturing. In 2022, the U.S. Congress passed into law funding programs from the bipartisan CHIPS and Science Act of 2022 (the â€œCHIPS Actâ€), authorizing the Department of Commerce, Department of Defense, and Department of State to develop onshore domestic manufacturing of semiconductors considered critical to U.S. competitiveness and national security. It is expected that U.S. semiconductor companies, especially manufacturers, will increase spending as a result of receiving funds under these programs. Recipients of funding under such programs may be required to agree to separate restrictions on certain commercial activity in the P.R.C., where we currently commercially operate. If our customers engage us for projects funded by these programs, we will evaluate all restrictions, and their impact on our existing business, before entering into any contracts associated with these programs. Similarly, the National Defense Authorization Act for Fiscal Year 2024 requires the U.S. Department of Defense to develop acquisition regulations controlling contracting with certain types of companies that perform consulting services for certain types of P.R.C. entities. We will monitor the topic to assess whether the future regulations have any relevance to our business.31 Table of Contentsâ—Geopolitical tensions/conflicts. Geopolitical tensions and conflicts in various locations around the world continue to increase, including on the issue of Taiwan in Asia, Ukraine and Russia, and between Israel and Hamas and Iran. These current situations have created volatility in the global financial markets and may have further global economic consequences, including potential disruptions of the global supply chain and heightened volatility of commodity and raw material prices. This has increased fears of a global recession. We have contractors located in the West Bank and in Israel, who are providing software development and customer technical support services, and we have developed contingency plans to use alternative resources to continue serving customers, if needed. Any escalations could lead to disruptions or reductions in international trade, deter or prevent purchasing activity of customers, and negatively impact our development timelines and customer support (with respect to the Israel-Hamas conflict) or China sales (with respect to U.S.-P.R.C. tensions) and financial results in general (with respect to global tensions).Financial HighlightsFinancial highlights for the three months ended June 30, 2024, are as follows:â—Total revenues were $41.7 million, an increase of $0.1 million, which was relatively flat compared to the three months ended June 30, 2023. Analytics revenue was $38.1 million, an increase of $1.0 million, or 3%, compared to the three months ended June 30, 2023. The increase in Analytics revenue was driven by increases in revenues from Exensio and Cimetrix software licenses, partially offset by a decrease in revenues from DFI and CV systems. Integrated Yield Ramp revenue was $3.5 million, a decrease of $0.9 million, or 21%, compared to the three months ended June 30, 2023. The decrease in Integrated Yield Ramp revenue was primarily due to lower Gainshare from decreased customer wafer shipments at non-leading-edge nodes, partially offset by an increase in hours worked on fixed-fees engagements.â—Costs of revenues decreased $0.1 million, compared to the three months ended June 30, 2023, primarily due to decreases in hardware costs and facilities and IT-related costs including depreciation. These decreases were partially offset by increases in personnel-related costs and third-party cloud-delivery costs.â—Net income was $1.7 million, compared to a net income of $6.8 million for the three months ended June 30, 2023. The decrease in net income was primarily attributable to increases in (i) income tax expense, (ii) sales and marketing activities, and general and administrative expenses, which were primarily related to increases in general legal expenses, and personnel-related costs, partially offset by decreases in third-party cloud-services costs, business acquisition costs and fees related to the arbitration proceeding over a disputed customer contract, and (iii) research and development expenses, partially offset by an increase in interest income.Financial highlights for the six months ended June 30, 2024, are as follows:â—Total revenues were $83.0 million, an increase of $0.6 million, or 1%, compared to the six months ended June 30, 2023. Analytics revenue was $76.6 million, an increase of $3.1 million, or 4%, compared to the six months ended June 30, 2023. The increase in Analytics revenue was driven by increases in revenues from Exensio and Cimetrix software licenses, partially offset by a decrease in revenues from DFI and CV systems. Integrated Yield Ramp revenue was $6.4 million, a decrease of $2.5 million, or 28%, compared to the six months ended June 30, 2023. The decrease in Integrated Yield Ramp revenue was primarily due to lower Gainshare from decreased customer wafer shipments at non-leading-edge nodes and hours worked on fixed-fees engagements.32 Table of Contentsâ—Costs of revenues increased $1.5 million, compared to the six months ended June 30, 2023, primarily due to increases in hardware costs, third-party cloud-delivery costs, and subcontractor costs. These increases were partially offset by a decrease in facilities and IT-related costs, including depreciation expense.â—Net income was $1.3 million, compared to net income of $7.2 million for the six months ended June 30, 2023. The decrease in net income was primarily attributable to increases in (i) income tax expense, (ii) sales and marketing activities and general and administrative expenses, which were primarily related to increases in personnel-related costs and general legal expenses, partially offset by decreases in legal fees related to the arbitration proceeding over a disputed customer contract and business acquisition costs, (iii) costs of revenues, and (iv) research and development expenses, partially offset by increases in (a) total revenues, (b) interest income, and (c) net favorable fluctuations in foreign currency exchange rates.â—Cash, cash equivalents, and short-term investments as of June 30, 2024, were $117.9 million, compared to $135.5 million as of December 31, 2023, a decrease of $17.6 million, primarily due to payments of accrued bonuses, payments to vendors and for income taxes, purchases of property and equipment, repurchases of common stock, and payments of taxes related to net share settlement of equity awards, partially offset by cash collection from customers, proceeds from purchases under our employee stock purchase plan and exercise of stock options, and interest income from cash, cash equivalents and short-term investments.Critical Accounting EstimatesSee NoteÂ 1, Basis of Presentation and Summary of Significant Accounting Policies,Â to ourÂ unaudited condensed consolidated financial statements in this Quarterly Report on FormÂ 10-Q and the Notes to Consolidated Financial Statements in Part II, Item 8 of our Annual Report on FormÂ 10-K for theÂ year ended DecemberÂ 31, 2023, for the description of our significant accounting policies, estimates and methods used in the preparation of our condensed consolidated financial statements.There were no material changes during theÂ three and six months ended June 30, 2024, to the items that we disclosed as our critical accounting policies and estimates in â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€ in Part II, Item 7 of our Annual Report on FormÂ 10-K for theÂ year ended DecemberÂ 31, 2023, filed with the SEC on February 27, 2024.The following is a brief discussion of the more significant accounting policies and methods that we use.GeneralOur discussion and analysis of our financial conditions, results of operations and cash flows are based on our condensed consolidated financial statements, which have been prepared in conformity with accounting principles generally accepted in the United States of America. Our preparation of these condensed consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the dates of the financial statements and the reported amounts of revenues and expenses during the reporting periods. We base our estimates on historical experience and on various other assumptions that we believe to be reasonable under the circumstances. The most significant estimates and assumptions relate to revenue recognition, valuation of long-lived assets including goodwill and intangible assets,Â stock-based compensation and the realization of deferred tax assets (â€œDTAsâ€). Actual amounts may differ from such estimates under different assumptions or conditions.33 Table of ContentsRevenue RecognitionWe deriveÂ revenue from two sources: Analytics and Integrated Yield Ramp.Analytics RevenueAnalytics revenue is derived from the following primary offerings: licenses and services for standalone Software (which consists primarily of Exensio and Cimetrix products), SaaS (which consists primarily of Exensio products), and DFI and CV systems (including Characterization services) that do not include performance incentives based on customersâ€™ yield achievement.Revenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers, if the software license is distinct from the services offered by us. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because we are providing (i) support and (ii) unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, we allocate the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price (â€œSSPâ€) attributed to each performance obligation.Revenue from SaaS arrangements, which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as subscriptions and is recognized as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers. For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis usingÂ the SSPÂ attributed to each performance obligation.Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customersâ€™ yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, we allocate revenue to all deliverables based on their SSPs. For these contracts with multiple performance obligations, we allocate the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment.The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the 34 Table of Contentslease. When the Companyâ€™s leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets.Integrated Yield RampÂ RevenueIntegrated Yield Ramp revenue is derived from our fixed-fee engagements that include performance incentives based on customersâ€™ yield achievement (which consists primarily of Gainshare royalties) typically based on customersâ€™ wafer shipments, pertaining to these fixed-fee contracts, which royalties are variable.Revenue under these project-based contracts, which are delivered over a specific period of time typically for a fixed fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, we allocate revenue to all deliverables based on their SSPs and allocate the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment.The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of our IP after the fixed-fee service period ends, based on a customerâ€™s yield achievement. Revenue derived from Gainshare is contingent upon our customers reaching certain defined production yield levels. Gainshare periods are generally subsequent to the delivery of all contractual services and performance obligations. We record Gainshare as a usage-based royalty derived from customersâ€™ usage of intellectual property and records it in the same period in which the usage occurs.Significant JudgmentsJudgments and estimates are required underÂ Accounting Standards Codification (â€œASCâ€) Topic 606,Â Revenue from Contracts with Customers, and its related amendments (collectively known as â€œASC 606â€). Due to the complexity of certain contracts, the actual revenue recognition treatment required under ASC 606 for the Companyâ€™s arrangements may be dependent on contract-specific terms and may vary in some instances.For revenue under project-based contracts for fixed-price services, revenue is recognized as services are performed using a percentage-of-completion method based on costs or labor-hours input method, whichever is the most appropriate measure of the progress towards completion of the contract. Due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex, subject to many variables and requires significant judgment. Key factors reviewed by the Company to estimate costs to complete each contract are future labor and product costs and expected productivity efficiencies. If circumstances arise that change the original estimates of revenues, costs, or extent of progress toward completion, revisions to the estimates are made. These revisions may result in increases or decreases in estimated revenues or costs, and such revisions are reflected in revenue on a cumulative catch-up basis in the period in which the circumstances that gave rise to the revision become known.35 Table of ContentsThe Companyâ€™s contracts with customers often include promises to transfer products, software licenses and provide services, including professional services, technical support services, and rights to unspecified updates to a customer. Determining whether licenses and services are distinct performance obligations that should be accounted for separately, or not distinct and thus accounted for together, requires significant judgment. The Company rarely licenses software on a standalone basis, so the Company is required to estimate the range of SSPs for each performance obligation. In instances where the SSP is not directly observable because the Company does not license the software or sell the service separately, the Company determines the SSP using information that may include market conditions and other observable inputs. The Company is required to record Gainshare revenue in the same period in which the usage occurs. Because the Company generally does not receive the acknowledgment reports from its customers during a given quarter within the time frame necessary to adequately review the reports and include the actual amounts in quarterly results for such quarter, the Company accrues the related revenue based on estimates of customers underlying sales achievement. The Companyâ€™s estimation process can be based on historical data, trends, seasonality, changes in the contract rate, knowledge of the changes in the industry and changes in the customerâ€™s manufacturing environment learned through discussions with customers and sales personnel. As a result of accruing revenue for the quarter based on such estimates, adjustments will be required in the following quarter to true-up revenue to the actual amounts reported.Income TaxesWe are required to assess whether it is â€œmore-likely-than-notâ€ that we will realize our DTAs. If we believe that they are not likely to be fully realizable before the expiration dates applicable to such assets, then to the extent we believe that recovery is not likely, we must establish a valuation allowance. Based on all available evidence, both positive and negative, we determined a full valuation allowance was still appropriate for our U.S. federal and state net DTAs, primarily driven by a cumulative loss incurred over the 12-quarter period ended June 30, 2024, and the likelihood that we may not utilize tax attributes before they

expire. The valuation allowance was approximately $64.2 million as of June 30, 2024, and December 31, 2023. We will continue to evaluate the need for a valuation allowance and may change our conclusion in a future period based on changes in facts (e.g., 12-quarter cumulative profit, significant new revenue, etc.). If we conclude that we are more-likely-than-not to utilize some or all of our U.S. DTAs, we will release some or all of our valuation allowance and our tax provision will decrease in the period in which we make such determination.We evaluate our DTAs for realizability considering both positive and negative evidence, including our historical financial performance, projections of future taxable income, future reversals of existing taxable temporary differences, tax planning strategies and any carryback availability. In evaluating the need for a valuation allowance, we estimate future taxable income based on management approved business plans. This process involves significant management judgment about assumptions that are subject to change from period to period based on changes in tax laws or variances between future projected operating performance and actual results. Changes in the net DTAs, less offsetting valuation allowance, in a period are recorded through the income tax provision and could have a material impact on the condensed consolidated statements of comprehensive income (loss).Our income tax calculations are based on the application of applicable U.S. federal, state, and/or foreign tax law. Our tax filings, however, are subject to audit by the respective tax authorities. Accordingly, we recognize tax liabilities based upon our estimate of whether, and the extent to which, additional taxes will be due when such estimates are more-likely-than-not to be sustained. An uncertain income tax position will not be recognized if it has less than a 50% likelihood of being sustained. To the extent the final tax liabilities are different than the amounts originally accrued, the increases or decreases are recorded as income tax expense or benefit in the condensed consolidated statements of comprehensive income (loss). As of June 30, 2024, no deferred taxes have been provided on undistributed earnings from our international subsidiaries. We intend to reinvest the earnings of 36 Table of Contentsour non-U.S. subsidiaries in those operations indefinitely. As such, we have not provided for any foreign withholding taxes on the earnings of foreign subsidiaries as of June 30, 2024. The earnings of our foreign subsidiaries are taxable in the U.S. in the year earned under the Global Intangible Low-Taxed Income rules implemented under 2017 Tax Cuts and Jobs Act.The CHIPS Act was signed into U.S. law on August 9, 2022. The CHIPS Act is intended to increase domestic competitiveness in semiconductor manufacturing capacity, increase research and development in computing, artificial intelligence, clean energy, and nanotechnology through federal government programs and incentives over the next ten years. The CHIPS Act includes an advanced manufacturing tax credit equal to 25% of qualified investments in property purchased for an advanced manufacturing facility. We have begun to see some benefit from the CHIPS Act to our business, but the extent of future benefit is still unknown.Stock-Based CompensationWe account for stock-based compensation using the fair value method, which requires us to measure stock-based compensation based on the grant-date fair value of the awards and recognize the compensation expense over the requisite service period. As stock-based compensation expense recognized is based on awards ultimately expected to vest, it has been reduced for estimated forfeitures. Forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates.The fair value of our restricted stock units is equal to the market value of our common stock on the date of the grant. These awards are subject to time-based vesting which generally occurs over a period of four years.The fair value of our stock options and purchase rights granted under employee stock purchase plan is estimated using the Black-Scholes-Merton option-pricing model, which incorporates various assumptions including volatility, expected life and interest rates. The expected volatility is based on the historical volatility of our common stock over the most recent period commensurate with the estimated expected life of our stock options and purchase rights granted under employee stock purchase plan. The expected life is based on historical experience and on the terms and conditions of the options granted and purchase rights granted under employee stock purchase plan. The interest rate assumption is based upon observed Treasury yield curve rates appropriate for the expected life of our stock options and purchase rights granted under employee stock purchase plan.Valuation of Long-lived Assets including Goodwill and Intangible AssetsWe record goodwill when the purchase consideration of an acquisition exceeds the fair value of the net tangible and identified intangible assets as of the date of acquisition. We have one operating segment and one operating unit. We perform an annual impairment assessment of goodwill during the fourth quarter of each calendar year or more frequently, if required, to determine if any events or circumstances exist, such as an adverse change in business climate or a decline in the overall industry demand, that would indicate that it would more likely than not reduce the fair value of a reporting unit below its carrying amount, including goodwill. If events or circumstances do not indicate that the fair value of a reporting unit is below its carrying amount, then goodwill is not considered to be impaired and no further testing is required. If the carrying amount exceeds its fair value, an impairment loss would be recognized equal to the amount of excess, limited to the amount of total goodwill. There was no impairment of goodwill for the three and six months ended June 30, 2024 and 2023.Our long-lived assets, excluding goodwill, consist of property, equipment, intangible assets and unguaranteed residual assets under net investments in sales-type leases. We periodically review our long-lived assets for impairment. For assets to be held and used, we initiate our review whenever events or changes in circumstances indicate that the carrying amount of a long-lived asset group may not be recoverable. Recoverability of an asset group is measured by comparison of its carrying amount to the expected future undiscounted cash flows that the asset group is expected to generate. If it is determined that an asset group is not recoverable, an impairment loss is 37 Table of Contentsrecorded in the amount by which the carrying amount of the asset group exceeds its fair value. There was no impairment of long-lived assets for the three and six months ended June 30, 2024 and 2023. Recent Accounting Pronouncements and Accounting ChangesSee NoteÂ 1,Â Basis of Presentation and Summary of Significant Accounting Policies,Â to ourÂ unaudited condensed consolidated financial statements in this Quarterly Report on FormÂ 10-Q, for a description of recent accounting pronouncements and accounting changes, including the expected dates of adoption and estimated effects, if any, on our condensed consolidated financial statements.Results of OperationsDiscussion of Financial Data for the Three and Six Months ended June 30, 2024 and 2023Revenues, Costs of Revenues, and Gross Marginâ€‹â€‹â€‹â

our pre-tax income, the amount of our pre-tax income as business activities fluctuate, our ability to use tax attributes such as research and development tax credits and net operation losses, the tax effects of employee stock activity, audit examinations with adverse outcomes, changes in accounting principles generally accepted in the United States of America and the effectiveness of our tax planning strategies.Liquidity and Capital ResourcesAs of June 30, 2024, our working capital, defined as total current assets less total current liabilities, was $137.8 million, compared to $147.0 million as of December 31, 2023. Total cash, cash equivalents, and short-term investments were $117.9 million as of June 30, 2024, compared to cash, cash equivalents, and short-term investments of $135.5 million as of December 31, 2023. As of June 30,Â 2024, and December 31, 2023, cash and cash equivalents held by our foreign subsidiaries were $9.8 million and $10.0 million, respectively. We believe that our existing cash resources and anticipated funds from operations will satisfy our cash requirements to fund our operating activities, capital expenditures, other obligations for at least the next twelveÂ months, and thereafter for the foreseeable future; however, we will continue to evaluate if we require additional funding to meet our longer-term needs.Repurchase of Companyâ€™s Common StockOn April 11, 2022, the Board of Directors adopted a stock repurchase program (the â€œ2022 Programâ€) to repurchase up to $35.0 million of the Companyâ€™s common stock both on the open market and in privately negotiated transactions, including through Rule 10b5-1 plans, from time to time, over the next two years. During the six months ended June 30, 2024, 201,561 shares were repurchased by the Company under the 2022 Program at an average price of $34.23 per share for an aggregate total price of $6.9 million. In total, the Company repurchased 937,501 shares under the 2022 Program at an average price of $25.96 per share for an aggregate total price of $24.3 million.The 2022 Program expired on April 11, 2024, and on April 15, 2024, the Board of Directors adopted a new program to repurchase up to $40.0 million of the Companyâ€™s common stock both on the open market and in privately negotiated transactions, including through Rule 10b5-1 plans, from time to time, over the next two years.42 Table of ContentsCash Flow DataThe following table summarizes our cash flows for the periods presented:â€‹Six Months Ended JuneÂ 30,Â â€‹â€‹â€‹(In thousands)Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â $ ChangeNet cash flows provided by (used in):Â â€‹Â Â Â â€‹Â Â Â â€‹Â Â Operating activitiesâ€‹$ (1,178)â€‹$ (6,615)â€‹$ 5,437Investing activitiesâ€‹Â 4,193â€‹Â (9,677)â€‹Â 13,870Financing activitiesâ€‹Â (9,153)â€‹Â (2,474)â€‹Â (6,679)Effect of exchange rate changes on cash and cash equivalentsâ€‹Â (853)â€‹Â (498)â€‹Â (355)Net change in cash and cash equivalentsâ€‹$ (6,991)â€‹$ (19,264)â€‹$ 12,273Net Cash Flows Used in Operating Activities Cash flows used in operating activities during the six months ended June 30, 2024, consisted of net income, adjusted for certain non-cash items which primarily consisted of depreciation and amortization, stock-based compensation expense, amortization of acquired intangible expense, amortization of costs capitalized to obtain revenue contracts, net accretion of discounts on short-term investments, and net change in operating assets and liabilities.Net cash flows used in operating activities was $1.2 million for the six months ended June 30, 2024, compared to net cash flows used in operating activities of $6.6 million for the six months ended June 30, 2023. The decrease in cash used in operating activities between the periods was driven primarily by (i) a decrease in bonus payments under the Companyâ€™s bonus plan, (ii) a decrease in payments of vendor invoices, and (iii) an increase in interest income, partially offset by lower collections from customers and net income between comparable periods. Net income was $1.3 million for the six months ended June 30, 2024, compared to a net income of $7.2 million for the six months ended June 30, 2023.The major contributors to the net change in operating assets and liabilities for the six months ended June 30, 2024, were as follows:â—Accounts receivable increased by $11.6 million, primarily due to contractual invoicing activity and an increase in unbilled accounts receivables due to the timing of billing and revenue recognition, partially offset by collections from customers;â—Prepaid expense and other current assets increased by $3.0 million, primarily due to increases in lease receivables and deferred commission, partially offset by a decrease in contract assets;â—Other non-current assets increased by $7.1 million primarily due to increases in non-current assets from sales-type leases, costs capitalized to obtain revenue contracts, non-current unbilled accounts receivables due to the timing of billing and revenue recognition, and non-current prepaid expenses, partially offset by a decrease in non-current contract assets;â—Accounts payable increased by $0.5 million primarily due to the timing of payments of vendor invoices;â—Accrued compensation and related benefits decreased by $3.2 million primarily due to the payments of accrued bonuses net of new bonus accruals, partially offset by increases in accrued commissions and contributions to the employee stock purchase plan;43 Table of Contentsâ—Deferred revenue increased by $7.0 million primarily due to the timing of billing and revenue recognition; andâ—Billings in excess of recognized revenues decreased by $1.1 million primarily due to the timing of billing and revenue recognition.Net Cash Flows Provided by (Used in) Investing ActivitiesNet cash provided by investing activities was $4.2 million for the six months ended June 30, 2024, compared to net cash used in investing activities of $9.7 million for the six months ended June 30, 2023.For the six months ended June 30, 2024, cash provided by investing activities primarily related to proceeds from maturities and sales of short-term investments of $37.0Â million, partially offset by purchases of short-term investments of $25.5Â million and purchases of property and equipment of $7.3 million primarily related to our DFI systems.For the six months ended June 30, 2023, cash used in investing activities primarily related to purchases of short-term investments of $23.5 million and purchases of and prepayments for property and equipment of $6.0 million primarily related to our DFI and CV systems, partially offset by proceeds from maturities and sales of short-term investments of $19.8 million.Net Cash Flows Used inÂ Financing ActivitiesNet cash used in financing activities was $9.2 million for the six months ended June 30, 2024, compared to $2.5 million for the six months ended June 30, 2023.For the six months ended June 30, 2024, net cash used in financing activities primarily consisted of repurchases of common stock of $6.9 million, and $4.3Â million in cash payments for taxes related to net share settlement of equity awards, partially offset by $2.0 million of proceeds from our employee stock purchase plan and exercise of stock options.For the six months ended June 30, 2023, net cash used in financing activities primarily consisted of $4.6 million in cash payments for taxes related to net share settlement of equity awards, partially offset by $2.1 million of proceeds from our employee stock purchase plan and exercise of stock options.Related Party TransactionsRefer to NoteÂ 12, Strategic Partnership Agreement with Advantest and Related Party Transactions,Â to our unauditedÂ condensed consolidated financial statements in this Quarterly Report on FormÂ 10-Q, for the discussion about related party transactions between the Company and Advantest (as defined therein).Off-Balance Sheet AgreementsWe do not have any off-balance sheet arrangements, investments in special purpose entities or undisclosed borrowings or debt.ItemÂ 3. Quantitative and Qualitative Disclosures about Market RiskThe following discusses our exposure to market risk related to changes in interest rates and foreign currency exchange rates. We do not currently own any equity investments, nor do we expect to own any in the foreseeable 44 Table of Contentsfuture. This discussion contains forward-looking statements that are subject to risks and uncertainties. Actual results could vary materially as a result of a number of factors.Interest Rate Risk. Â As of June 30, 2024, we had cash, cash equivalents and short-term investments of $117.9 million. Cash and cash equivalents consisted of cash and highly liquid money market instruments and short-term investments consisted of U.S. Government securities. We would not expect our operating results or cash flows to be affected to any significant degree by the effect of a sudden change in market interest on our portfolio. A hypothetical increase in market interest rates of 100 basis points from the market rates in effect as of June 30, 2024, would cause the fair value of these investments to decrease by an immaterial amount which would not have significantly impacted our financial position or results of operations.As of June 30, 2024, and periodically throughout the year, we have maintained cash balances in various operating accounts in excess of federally insured limits. We limit the amount of credit exposure to any financial institution by evaluating the creditworthiness of the financial institutions with which we invest and investing through more than one financial institution.Foreign Currency and Exchange Risk.Â Certain of our receivables and payables for our international offices are denominated in the local currency, including the Euro, Yen and RMB. Therefore, a portion of our revenues and operating expenditures are subject to foreign currency risks. From time to time, we enter into foreign currency forward contracts to reduce the exposure to foreign currency exchange rate fluctuations on certain foreign currency denominated monetary assets and liabilities. We do not use foreign currency forward contracts for speculative or trading purposes. We record these forward contracts at fair value. The counterparty to these foreign currency forward contracts is a financial institution that we believe is creditworthy, and therefore, we believe the credit risk of counterparty non-performance is not significant. The change in fair value of these contracts is recorded in earnings as a component of other income (expense), net and offsets the change in fair value of foreign currency denominated monetary assets and liabilities, which is also recorded in other income (expense), net. As of June 30, 2024, we had no outstanding forward contracts.ItemÂ 4. Controls and ProceduresEvaluation of Disclosure Controls and ProceduresOur management, with the participation of ourÂ principal executive officer and principal financial and accounting officer,Â evaluated the effectiveness of our â€œdisclosure controls and proceduresâ€ as defined in Exchange Act RulesÂ 13a-15(e)Â and 15d-15(e)Â as of June 30, 2024, in connection with the filing of this Quarterly Report on FormÂ 10-Q. Based on that evaluation as of June 30, 2024, our principal executive officer and principal financial and accounting officer concluded that our disclosure controls and procedures were effective to ensure that information we are required to disclose in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rulesÂ and forms of the SEC and is accumulated and communicated to our management as appropriate to allow timely decisions regarding required disclosure.Changes in Internal Control over Financial ReportingThere were no changes in the Companyâ€™s internal control over financial reporting during the three months ended June 30, 2024, that have materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting.45 Table of ContentsPARTÂ IIÂ â€” OTHER INFORMATIONItemÂ 1. Legal ProceedingsRefer to Note 11, Commitments and Contingencies to our condensed consolidated financial statements in this Quarterly Report on Form 10-Q, for information regarding our legal proceedings.ItemÂ 1A. Risk FactorsAs of the date of this Quarterly Report on Form 10-Q, except as set forth below, there have been no material changes from the risk factors disclosed in our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on February 27, 2024. Any of such factors could result in a significant or material adverse effect on our result of operations or financial conditions. Additional risk factors not presently known to us or that we currently deem immaterial may also impair our business or results of operations. We may disclose changes to such factors or disclose additional factors from time to time in our future filings with the SEC.Risks Related to Our TechnologySupport and updates for open-source software that we currently use in providing our products and services may not be available to us in the future, which could negatively impact our financial results.We use open-source software (â€œOSSâ€) in delivering products and services to our customers. Change of terms for support for OSS, or lack of support or updates for such OSS, could significantly increase our costs to deliver our products and services or cause a temporary or long-term disruption in our ability to use such OSS in our products and services or make it harder or impossible to mitigate vulnerabilities or risks associated with such software, which could negatively impact our financial results.ItemÂ 2. Unregistered Sales of Equity Securities and Use of ProceedsThere were no stock repurchases during the second quarter of 2024.ItemÂ 3. Defaults Upon Senior SecuritiesNone.â€‹ItemÂ 4. Mine Safety DisclosuresNone.â€‹ItemÂ 5. Other InformationInsider Adoption or Termination of Trading Arrangementsâ€‹During the quarter ended June 30, 2024, none of our directors or officers informed us of the adoption or termination of a â€œRule 10b5-1 trading arrangementâ€ or â€œnon-Rule 10b5-1 trading arrangement,â€ as those terms are defined in Regulation S-K, Item 408.â€‹â€‹46 Table of ContentsItemÂ 6. Exhibitsâ€‹â€‹Incorporated by Referenceâ€‹â€‹ExhibitNumberExhibit DescriptionFormFiling DateExhibit NumberSEC File No.Provided Herewith3.01Third Amended and Restated Certificate of Incorporation of PDF Solutions, Inc., and Certificate of Amendment to Third Amended and Restated Certificate of Incorporation of PDFÂ Solutions, Inc.â€‹â€‹â€‹â€‹X10.1PDF Solutions,Â Inc. Ninth Amended and Restated 2011 Stock Incentive PlanDEF14A4/29/2024Appendix C000-31311â€‹10.2PDF Solutions,Â Inc. First Amended and Restated 2021 Employee Stock Purchase PlanDEF14A4/29/2024Appendix B000-31311â€‹31.01Certification of the principal executive officer pursuant to Exchange Act RulesÂ 13a-14(a)Â and 15d-14(a), as adopted pursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002.â€‹â€‹â€‹â€‹X31.02Certification of the principal financial and accounting officer pursuant to Exchange Act RulesÂ 13a-14(a)Â and 15d-14(a), as adopted pursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002. â€‹â€‹â€‹â€‹X32.01Certification pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002.*â€‹â€‹â€‹â€‹â€‹X32.02Certification pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002.*â€‹â€‹â€‹â€‹X101The following financial statements from the Companyâ€™s Quarterly Report on FormÂ 10-Q for the quarter ended June 30, 2024, formatted in Inline XBRL: (i)Â Condensed Consolidated Balance Sheets, (ii)Â Condensed Consolidated Statements of Comprehensive Income, (iii)Â Condensed Consolidated Statements of Stockholdersâ€™ Equity, (iv)Â Condensed Consolidated Statements of Cash Flows and (v)Â NotesÂ to Condensed Consolidated Financial Statements, tagged as blocks of text and including detailed tags.â€‹â€‹â€‹â€‹â€‹X104Cover PageÂ Interactive Data File (formatted as Inline XBRL and contained in ExhibitÂ 101).â€‹â€‹â€‹â€‹â€‹â€‹*Furnished, and not filed.47 Table of ContentsSIGNATURESPursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.â€‹â€‹PDF SOLUTIONS, INC.â€‹â€‹â€‹â€‹â€‹â€‹Date: August 8, 2024By:/s/ JOHN K. KIBARIANâ€‹â€‹John K. Kibarianâ€‹â€‹President and Chief Executive Officerâ€‹â€‹(principal executive officer)â€‹â€‹â€‹â€‹â€‹â€‹Date: August 8, 2024By:/s/ ADNAN RAZAâ€‹â€‹Adnan Razaâ€‹â€‹Executive Vice President, Finance and Chiefâ€‹â€‹Financial Officerâ€‹â€‹(principal financial and accounting officer)â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹48 EX-3.1 2 pdfs-20240630xex3d1.htm EX-3.1 Exhibit 3.01â€‹THIRD AMENDED AND RESTATEDCERTIFICATE OF INCORPORATIONOFPDF SOLUTIONS, INC.The undersigned, John Kibarian and Peter Cohn, hereby certify that:1.They are the duly elected and acting President and Secretary, respectively, of PDF Solutions, Inc., a Delaware corporation.â€‹2.The Certificate of Incorporation of this corporation was originally filed with the Secretary of State of Delaware on July 19, 2000 under the name of PDF Solutions, Inc., the First Amended and Restated Certificate of Incorporation of this corporation was filed with the Secretary of State of Delaware on August 17, 2000 and the Second Amended and Restated Certificate of this corporation was filed on July 9, 2001.â€‹3.The Certificate of Incorporation of this corporation shall be amended and restated to read in full as follows:ARTICLE IThe name of this corporation is PDF Solutions, Inc. (the "Corporation").ARTICLE IIThe address of the Corporation's registered office in the State of Delaware is 1013 Centre Road, City of Wilmington, County of New Castle. The name of its registered agent at such address is Corporation Service Company.ARTICLE IIIThe purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.ARTICLE IV(A) The Corporation is authorized to issue two classes of stock to be designated, respectively, "Common Stock" and "Preferred Stock." The total number of shares which the Corporation is authorized to issue is 75,000,000 shares, each with a par value of $0.00015 per share. 70,000,000 shares shall be Common Stock and 5,000,000 shares shall be Preferred Stock.(B) The Preferred Stock may be issued from time to time in one or more series. The Board of Directors is hereby authorized, by filing a certificate pursuant to the applicable law of the state of Delaware and within the limitations and restrictions stated in this Certificate of Incorporation, to determine or alter the rights, preferences, privileges and restrictions granted to or imposed upon any wholly unissued series of Preferred Stock and the number of shares constituting any such series and the designation thereof, or any of them; and to increase or decrease the number of shares of any series subsequent to the issuance of shares of that series, but not below the number of shares of such series then outstanding. In case the number of shares of any series shall be so decreased, the shares constituting such decrease shall resume the status which they had prior to the adoption of the resolution originally fixing the number of shares of such series.ARTICLE VThe number of directors of the Corporation shall be fixed from time to time by a bylaw or amendment thereof duly adopted by the Board of Directors.ARTICLE VIOn or prior to the date on which the Corporation first provides notice of an annual meeting of the â€‹â€‹stockholders, the Board of Directors of the Corporation shall divide the directors into three classes, as nearly equal in number as reasonably possible, designated Class I, Class II and Class III, respectively. Directors shall be assigned to each class in accordance with a resolution or resolutions adopted by the Board of Directors. At the first annual meeting of stockholders or any special meeting in lieu thereof, the terms of the Class I directors shall expire and Class I directors shall be elected for a full term of three years. At the second annual meeting of stockholders or any special meeting in lieu thereof, the terms of the Class II directors shall expire and Class II directors shall be elected for a full term of three years. At the third annual meeting of stockholders or any special meeting in lieu thereof, the terms of the Class III directors shall expire and Class III directors shall be elected for a full term of three years. At each succeeding annual meeting of stockholders or special meeting in lieu thereof, directors elected to succeed the directors of the class whose terms expire at such meeting shall be elected for a full term of three years. Notwithstanding the foregoing provisions of this Article VI, each director shall serve until his or her successor is duly elected and qualified or until his or her death, resignation, or removal. No decrease in the number of directors constituting the Board of Directors shall shorten the term of any incumbent director.Any vacancies on the Board of Directors resulting from death, resignation, disqualification, removal, or other causes shall be filled by either (i) the affirmative vote of the holders of a majority of the voting power of the then-outstanding shares of voting stock of the Corporation entitled to vote generally in the election of directors (the "Voting Stock") voting together as a single class; or (ii) by the affirmative vote of a majority of the remaining directors then in office, even though less than a quorum of the Board of Directors. Subject to the rights of any series of Preferred Stock then outstanding, newly created directorships resulting from any increase in the number of directors shall, unless the Board of Directors determines by resolution that any such newly created directorship shall be filled by the stockholders, be filled only by the affirmative vote of the directors then in office, even though less than a quorum of the Board of Directors, or by a sole remaining director. Any director

elected in accordance with the preceding sentence shall hold office for the remainder of the full term of the class of directors in which the new directorship was created or the vacancy occurred and until such director's successor shall have been elected and qualified. Any director, or the entire Board of Directors, may be removed from office, with or without cause, by the holders of a majority of the Voting Stock. ARTICLE VIIIn the election of directors, each holder of shares of any class or series of capital stock of the Corporation shall be entitled to one vote for each share held. No stockholder will be permitted to cumulate votes at any election of directors. ARTICLE VIIINo action shall be taken by the stockholders of the Corporation other than at an annual or special meeting of the stockholders, upon due notice and in accordance with the provisions of the Bylaws of the Corporation (the "Bylaws"), and no action shall be taken by the stockholders by written consent.ARTICLE IXThe Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation. ARTICLE X(A) Except as otherwise provided in the Bylaws, the Bylaws may be altered or amended or new Bylaws adopted by the affirmative vote of at least 66 2/3% of the voting power of all of the then-outstanding shares of the voting stock of the Corporation entitled to vote. The Board of Directors of the Corporation is expressly authorized to adopt, amend or repeal Bylaws. (B) The directors of the Corporation need not be elected by written ballot unless the Bylaws so â€‹â€‹provide.(C) Advance notice of stockholder nominations for the election of directors or of business to be brought by the stockholders before any meeting of the stockholders of the Corporation shall be given in the manner provided in the Bylaws.ARTICLE XIMeetings of stockholders may be held within or without the State of Delaware, as the Bylaws may provide. The books of the Corporation may be kept (subject to any provision contained in the statutes) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the bylaws of the Corporation. ARTICLE XIIThe Corporation shall have perpetual existence.ARTICLE XIII(A) To the fullest extent permitted by the General Corporation Law of Delaware, as the same may be amended from time to time, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. If the General Corporation Law of Delaware is hereafter amended to authorize, with the approval of a corporation's stockholders, further reductions in the liability of a corporation's directors for breach of fiduciary duty, then a director of the Corporation shall not be liable for any such breach to the fullest extent permitted by the General Corporation Law of Delaware, as so amended.(B) Any repeal or modification of the foregoing provisions of this Article XIII shall not adversely affect any right or protection of a director of the Corporation with respect to any acts or omissions of such director occurring prior to such repeal or modification.ARTICLE XIV(A) To the fullest extent permitted by applicable law, the Corporation is also authorized to provide indemnification of (and advancement of expenses to) such agents (and any other persons to which Delaware law permits the Corporation to provide indemnification) through Bylaw provisions, agreements with such agents or other persons, vote of stockholders or disinterested directors or otherwise, in excess of the indemnification and advancement otherwise permitted by Section 145 of the General Corporation Law of Delaware, subject only to limits created by applicable Delaware law (statutory or non-statutory), with respect to actions for breach of duty to a corporation, its stockholders, and others.(B) Any repeal or modification of any of the foregoing provisions of this Article XIV shall not adversely affect any right or protection of a director, officer, agent or other person existing at the time of, or increase the liability of any director of the Corporation with respect to any acts or omissions of such director, officer or agent occurring prior to such repeal or modification. The foregoing Amended and Restated Certificate of Incorporation has been duly adopted by this Corporation's Board of Directors and stockholders in accordance with the applicable provisions of Section 228, 242 and 245 of the General Corporation Law of the State of Delaware.Executed at Menlo Park, on the 1st day of August, 2001./s/John Kibarianâ€‹ â€‹â€‹ â€‹John Kibarian, Presidentâ€‹/s/Peter Cohnâ€‹ â€‹â€‹ â€‹Peter Cohn, Secretaryâ€‹â€‹CERTIFICATE OF AMENDMENT TOTHIRD AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OFPDF SOLUTIONS, INC.â€‹The undersigned, John K. Kibarian, does hereby certify as follows:1.The undersigned is the duly elected and acting President and Chief Executive Officer of PDF Solutions, Inc., a Delaware corporation (the â€œCorporationâ€).2.The Certificate of Incorporation of the Corporation was originally filed with the Secretary of State of Delaware on July 19, 2000 under the name of PDF Solutions, Inc., the First Amended and Restated Certificate of Incorporation of the Corporation was filed with the Secretary of State of Delaware on August 17, 2000, the Second Amended and Restated Certificate of Incorporation of the Corporation was filed with the Secretary of State of Delaware on July 9, 2001 and the Third Amended and Restated Certificate of Incorporation of the Corporation was filed with the Secretary of State of Delaware on August 1, 2001 (such certificate of incorporation as amended and restated, the â€œCharterâ€).3.Pursuant to Section 242 and any other applicable provisions of the General Corporation Law of the State of Delaware, this Certificate of Amendment to the Charter (this â€œCertificate of Amendmentâ€) amends and restates Article XIII of the Charter in its entirety to read as follows:(A)To the fullest extent permitted by the General Corporation Law of Delaware, as the same may be amended from time to time, no director or officer of the Corporation shall be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director or officer. If the General Corporation Law of Delaware is hereafter amended to authorize corporate action further limiting or eliminating the personal liability of directors or officers, then the liability of the directors or officers of the Corporation shall be limited or eliminated to the fullest extent permitted by the General Corporation Law of Delaware, as so amended from time to time.(B)Any amendment or repeal of this Article XIII, or the adoption of any provision of this Certificate of Incorporation inconsistent with this Article XIII, shall not adversely affect any right or protection of a director or officer of the Corporation existing at the time of such amendment or repeal or adoption of such inconsistent provision with respect to acts or omissions occurring prior to such amendment or repeal or adoption of such inconsistent provision.4.The foregoing Certificate of Amendment has been duly adopted by the Corporationâ€™s Board of Directors and stockholders in accordance with the provisions of Section 242 and any other applicable provisions of the General Corporation Law of the State of Delaware.5.All other provisions of the Charter shall remain in full force and effect.6.This Certificate of Amendment herein certified shall become effective immediately upon filing with the Office of the Secretary of State of the State of Delaware.â€‹â€‹â€‹IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be executed by a duly authorized officer of the Corporation as of June 20, 2024.â€‹â€‹By: /s/John K. Kibarianâ€‹ â€‹ John K. KibarianPresident and Chief Executive Officerâ€‹ EX-31.01 3 pdfs-20240630xex31d01.htm EX-31.01 â€‹Exhibit 31.01â€‹â€‹CERTIFICATIONSâ€‹I, John K. Kibarian, certify that:â€‹1. I have reviewed this quarterly report on Form 10-Q of PDF Solutions, Inc.;â€‹2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;â€‹3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;â€‹4. The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:â€‹(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;â€‹(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;â€‹(c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andâ€‹(d) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; andâ€‹5. The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of registrantâ€™s board of directors (or persons performing the equivalent functions):â€‹(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andâ€‹(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.â€‹â€‹Â Â By:Â /s/ John K. KibarianÂ Â Â Â John K. KibarianÂ Â Â Â President and Chief Executive OfficerÂ Â Â Â (principal executive officer)â€‹â€‹Date: August 8, 2024â€‹â€‹ EX-31.02 4 pdfs-20240630xex31d02.htm EX-31.02 â€‹Exhibit 31.02â€‹â€‹CERTIFICATIONSâ€‹I, Adnan Raza, certify that:â€‹1. I have reviewed this quarterly report on Form 10-Q of PDF Solutions, Inc.;â€‹2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;â€‹3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;â€‹4. The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:â€‹(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;â€‹(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;â€‹(c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andâ€‹(d) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; andâ€‹5. The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of registrantâ€™s board of directors (or persons performing the equivalent functions):â€‹(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andâ€‹(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.â€‹â€‹Â Â By:/s/ Adnan RazaÂ Â Â Â Adnan RazaÂ Â Â Â Executive Vice President, Financeâ€‹â€‹and Chief Financial OfficerÂ Â Â Â (principal financial and accounting â€‹â€‹officer)â€‹â€‹Date: August 8, 2024â€‹â€‹ EX-32.01 5 pdfs-20240630xex32d01.htm EX-32.01 â€‹Exhibit 32.01â€‹â€‹CERTIFICATION PURSUANT TO18 U.S.C. SECTION 1350,AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002â€‹In connection with the Quarterly Report of PDF Solutions, Inc. (the â€œCompanyâ€) on Form 10-Q for the quarter ended June 30, 2024, as filed with the Securities and Exchange Commission on August 8, 2024Â (the â€œReportâ€), I, John K. Kibarian, President and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:â€‹(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; andâ€‹(2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.â€‹â€‹Â Â By:/s/ John K. KibarianÂ Â Â Â John K. KibarianÂ Â Â Â President and Chief Executiveâ€‹â€‹OfficerÂ Â Â Â (principal executive officer)â€‹â€‹Date: August 8, 2024â€‹â€‹ EX-32.02 6 pdfs-20240630xex32d02.htm EX-32.02 â€‹Exhibit 32.02â€‹â€‹CERTIFICATION PURSUANT TO18 U.S.C. SECTION 1350,AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002â€‹In connection with the Quarterly Report of PDF Solutions, Inc. (the â€œCompanyâ€) on Form 10-Q for the quarter ended June 30, 2024, as filed with the Securities and Exchange Commission onÂ August 8, 2024 (the â€œReportâ€), I, Adnan Raza, Executive Vice President, Finance and Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:â€‹(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; andâ€‹(2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.â€‹â€‹ 10Â Â By:/s/ Adnan RazaÂ Â Â Â Adnan RazaÂ Â Â Â Executive Vice President, Financeâ€‹â€‹and Chief Financial OfficerÂ Â Â Â (principal financial and accountingâ€‹â€‹officer)â€‹â€‹Date: August 8, 2024â€‹â€‹ EX-101.SCH 7 pdfs-20240630.xsd EX-101.SCH 995200100 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS link:presentationLink link:calculationLink link:definitionLink 995200200 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS link:presentationLink link:calculationLink link:definitionLink 995200400 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:definitionLink 99940203 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Contract Balances (Details) link:presentationLink link:calculationLink link:definitionLink 99940204 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Deferred Revenues (Details) link:presentationLink link:calculationLink link:definitionLink 99940205 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Costs to Obtain or Fulfill a Contract (Details) link:presentationLink link:calculationLink link:definitionLink 99940302 - Disclosure - BALANCE SHEET COMPONENTS - Property and Equipment (Details) link:presentationLink link:calculationLink link:definitionLink 99940303 - Disclosure - BALANCE SHEET COMPONENTS - Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink 99940304 - Disclosure - BALANCE SHEET COMPONENTS - Annual Amortization of Identifiable Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink 99940305 - Disclosure - BALANCE SHEET COMPONENTS - Other Non-current Assets (Details) link:presentationLink link:calculationLink link:definitionLink 99940306 - Disclosure - BALANCE SHEET COMPONENTS - Net Investment in Sales-type Leases (Details) link:presentationLink link:calculationLink link:definitionLink 99940307 - Disclosure - BALANCE SHEET COMPONENTS - Maturities of Lease Payments Under Sales-type Leases (Details) link:presentationLink link:calculationLink link:definitionLink 99940402 - Disclosure - LEASES - Components of Operating Lease Expense (Details) link:presentationLink link:calculationLink link:definitionLink 99940403 - Disclosure - LEASES - Maturity of Operating Lease Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 40504 - Disclosure - Note 5 - BALANCE SHEET COMPONENTS - Intangible Asset (Details) (Calc 2) link:presentationLink link:calculationLink link:definitionLink 40703 - Disclosure - Note 7 - LEASES - Maturity of Operating Lease Liabilities (Details) (Calc 2) link:presentationLink link:calculationLink link:definitionLink 99940801 - Disclosure - NET INCOME (LOSS) PER SHARE - Calculation of Earnings Per Share (Details) link:presentationLink link:calculationLink link:definitionLink 99941001 - Disclosure - FAIR VALUE MEASUREMENTS - Assets Measured on a Recurring Basis (Details) link:presentationLink link:calculationLink link:definitionLink 995200090 - Document - Document And Entity Information link:presentationLink link:calculationLink link:definitionLink 995200105 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS (Parentheticals) link:presentationLink link:calculationLink link:definitionLink 995200300 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS EQUITY link:presentationLink link:calculationLink link:definitionLink 995210101 - Disclosure - BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES link:presentationLink link:calculationLink link:definitionLink 995210201 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS link:presentationLink link:calculationLink link:definitionLink 995210401 - Disclosure - LEASES link:presentationLink link:calculationLink link:definitionLink 995210501 - Disclosure - STOCKHOLDERS' EQUITY link:presentationLink link:calculationLink link:definitionLink 995210601 - Disclosure - EMPLOYEE BENEFIT PLANS link:presentationLink link:calculationLink link:definitionLink 995210701 - Disclosure - INCOME TAXES link:presentationLink link:calculationLink link:definitionLink 995210801 - Disclosure - NET INCOME (LOSS) PER SHARE link:presentationLink link:calculationLink link:definitionLink 995210901 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION link:presentationLink link:calculationLink link:definitionLink 995211001 - Disclosure - FAIR VALUE MEASUREMENTS link:presentationLink link:calculationLink link:definitionLink 995211101 - Disclosure - COMMITMENTS AND CONTINGENCIES link:presentationLink link:calculationLink link:definitionLink 995211201 - Disclosure - STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS link:presentationLink link:calculationLink link:definitionLink 99920102 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES (Policies) link:presentationLink link:calculationLink link:definitionLink 99930203 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS (Tables) link:presentationLink link:calculationLink link:definitionLink 99930303 - Disclosure - BALANCE SHEET COMPONENTS (Tables) link:presentationLink link:calculationLink link:definitionLink

99930403 - Disclosure - LEASES (Tables) link:presentationLink link:calculationLink link:definitionLink 99930603 - Disclosure - EMPLOYEE BENEFIT PLANS (Tables) link:presentationLink link:calculationLink link:definitionLink 99930803 - Disclosure - NET INCOME (LOSS) PER SHARE (Tables) link:presentationLink link:calculationLink link:definitionLink 99930903 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION (Tables) link:presentationLink link:calculationLink link:definitionLink 99931003 - Disclosure - FAIR VALUE MEASUREMENTS (Tables) link:presentationLink link:calculationLink link:definitionLink 99940201 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS (Details) link:presentationLink link:calculationLink link:definitionLink 99940202 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Disaggregation of Revenue (Details) link:presentationLink link:calculationLink link:definitionLink 99940206 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 40206 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Additional Information Default (Details) link:presentationLink link:calculationLink link:definitionLink 99940301 - Disclosure - BALANCE SHEET COMPONENTS (Details) link:presentationLink link:calculationLink link:definitionLink 99940401 - Disclosure - LEASES (Details) link:presentationLink link:calculationLink link:definitionLink 99940501 - Disclosure - STOCKHOLDERS EQUITY (Details) link:presentationLink link:calculationLink link:definitionLink 99940601 - Disclosure - EMPLOYEE BENEFIT PLANS - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 99940602 - Disclosure - EMPLOYEE BENEFIT PLANS - Valuation Assumptions for ESPP (Details) link:presentationLink link:calculationLink link:definitionLink 99940603 - Disclosure - EMPLOYEE BENEFIT PLANS - Allocation of Recognized Period Costs (Details) link:presentationLink link:calculationLink link:definitionLink 99940604 - Disclosure - EMPLOYEE BENEFIT PLANS - Stock Options Activity (Details) link:presentationLink link:calculationLink link:definitionLink 99940605 - Disclosure - EMPLOYEE BENEFIT PLANS - Nonvested Restricted Stock Units Activity (Details) link:presentationLink link:calculationLink link:definitionLink 99940701 - Disclosure - INCOME TAXES - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 99940802 - Disclosure - NET INCOME (LOSS) PER SHARE - Anti-dilutive Securities (Details) link:presentationLink link:calculationLink link:definitionLink 99940901 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION - Other (Details) link:presentationLink link:calculationLink link:definitionLink 99940902 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION - Revenue Percentage by Major Customers (Details) link:presentationLink link:calculationLink link:definitionLink 99940903 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION - Revenues by Geographic Area (Details) link:presentationLink link:calculationLink link:definitionLink 99940904 - Disclosure - CUSTOMER AND GEOGRAPHIC INFORMATION - Long-lived Assets by Geographic Area (Details) link:presentationLink link:calculationLink link:definitionLink 99941101 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details) link:presentationLink link:calculationLink link:definitionLink 99941201 - Disclosure - STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS (Details) link:presentationLink link:calculationLink link:definitionLink 995210301 - Disclosure - BALANCE SHEET COMPONENTS link:presentationLink link:calculationLink link:definitionLink 99900 - Disclosure - Standard And Custom Axis Domain Defaults link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 8 pdfs-20240630_cal.xml EX-101.CAL EX-101.DEF 9 pdfs-20240630_def.xml EX-101.DEF EX-101.LAB 10 pdfs-20240630_lab.xml EX-101.LAB Document and Entity Information Document Information [Table] Document Information [Line Items] Document Type Document Quarterly Report Document Period End Date Document Transition Report Securities Act File Number Entity Registrant Name Entity Incorporation, State or Country Code Entity Tax Identification Number Entity Address, Address Line One Entity Address, City or Town Entity Address, State or Province Entity Address, Postal Zip Code City Area Code Local Phone Number Title of 12(b) Security Trading Symbol Security Exchange Name Entity Current Reporting Status Entity Interactive Data Current Entity Filer Category Entity Small Business Entity Emerging Growth Company Entity Shell Company Entity Common Stock, Shares Outstanding Entity Central Index Key Amendment Flag Current Fiscal Year End Date Document Fiscal Period Focus Document Fiscal Year Focus CONDENSED CONSOLIDATED BALANCE SHEETS Statement [Table] Statement [Line Items] Assets, Current [Abstract] Cash and Cash Equivalents, at Carrying Value Cash and cash equivalents Short-Term Investments Short-term investments Accounts Receivable, after Allowance for Credit Loss, Current Accounts receivable, net of allowance for credit losses of $890 as of June 30, 2024 and December 31, 2023 Prepaid Expense and Other Assets, Current Prepaid expenses and other current assets Assets, Current Total current assets Property, Plant and Equipment, Net Property and equipment, net Total property and equipment Operating Lease, Right-of-Use Asset Operating lease right-of-use assets, net Goodwill Goodwill Goodwill, carrying amount Intangible Assets, Net (Excluding Goodwill) Intangible assets, net Deferred Income Tax Assets, Net Deferred tax assets, net Other Assets, Noncurrent Other non-current assets Assets Total assets Liabilities, Current [Abstract] Accounts Payable, Current Accounts payable Employee-related Liabilities, Current Accrued compensation and related benefits Accrued Liabilities, Current Accrued and other current liabilities Operating Lease, Liability, Current Operating lease liabilities - current portion Operating lease liability - current portion Deferred Revenue, Current Deferred revenues - current portion Liability attributable to (i) billings in excess of costs under the percentage of completion contract accounting method representing the difference between contractually invoiced amounts (billings) and revenue recognized based, for example, on costs incurred to estimated total costs at period end or (ii) contractually invoiced amounts (billings) in excess of costs incurred and accumulated under the completed contract accounting method that are expected to be realized within one year or one operating cycle, whichever is longer, from the reporting date. Billings in excess of recognized revenues Liabilities, Current Total current liabilities Accrued Income Taxes, Noncurrent Long-term income taxes Operating Lease, Liability, Noncurrent Non-current portion of operating lease liabilities Other Liabilities, Noncurrent Other non-current liabilities Liabilities Total liabilities Stockholders' Equity, Number of Shares, Par Value and Other Disclosure [Abstract] Preferred Stock, Value, Issued Preferred stock, $0.00015 par value, 5,000 shares authorized, no shares issued and outstanding Common Stock, Value, Issued Common stock, $0.00015 par value, 70,000 shares authorized; shares issued 50,224 and 49,749, respectively; shares outstanding 38,431 and 38,289, respectively Additional Paid in Capital Treasury Stock, Value Treasury stock at cost, 11,793 and 11,460 shares, respectively Retained Earnings (Accumulated Deficit) Accumulated deficit Accumulated Other Comprehensive Income (Loss), Net of Tax Accumulated other comprehensive loss Equity, Attributable to Parent Ending Balances Beginning Balances Total stockholders' equity Liabilities and Equity Total liabilities and stockholders' equity Accounts Receivable, Allowance for Credit Loss, Current Accounts receivable, allowance for credit losses Preferred Stock, Par or Stated Value Per Share Preferred Stock, Shares Authorized Preferred Stock, Shares Issued Preferred Stock, Shares Outstanding Common Stock, Par or Stated Value Per Share Common Stock, Shares Authorized Common Stock, Shares, Issued Common Stock, Shares, Outstanding Treasury Stock, Common, Shares CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS Product and Service [Axis] Product and Service [Domain] Information pertaining to analytics. Analytics [Member] Analytics Information pertaining to Integrated yield ramp. Integrated Yield Ramp [Member] Integrated Yield Ramp Revenues [Abstract] Revenue from Contract with Customer, Including Assessed Tax Revenues Total revenues Costs and Expenses [Abstract] Cost of Revenue Costs of revenues Research and Development Expense Research and development Selling, General and Administrative Expense Selling, general, and administrative Amortization of Intangible Assets Amortization of acquired intangible assets Investment Income, Interest Interest and other expense (income), net Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Income (loss) before income tax benefit (expense) Income Tax Expense (Benefit) Income tax benefit (expense) Net income Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Alternative [Abstract] Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Foreign currency translation adjustments, net of tax Debt Securities, Available-for-Sale, Unrealized Gain (Loss) Change in unrealized gain (loss) related to available-for-sale debt securities, net of tax Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Total other comprehensive loss Comprehensive Income (Loss), Net of Tax, Attributable to Parent Comprehensive income (loss) Comprehensive income Earnings Per Share, Basic [Abstract] Net income per share: Earnings Per Share, Basic Basic Earnings Per Share, Diluted Diluted Weighted Average Number of Shares Outstanding, Basic [Abstract] Weighted average common shares used to calculate net income per share: Weighted Average Number of Shares Outstanding, Basic Basic Basic weighted average shares outstanding Weighted Average Number of Shares Outstanding, Diluted Diluted Diluted weighted average shares outstanding CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS EQUITY Equity Components [Axis] Equity Component [Domain] Common Stock [Member] Common Stock Additional Paid-in Capital [Member] Additional Paid-in Capital Treasury Stock, Common [Member] Treasury Stock Retained Earnings [Member] Accumulated Deficit AOCI Attributable to Parent [Member] Accumulated Other Comprehensive Loss Shares, Outstanding Ending Balances (shares) Beginning Balances (shares) Stock Repurchased During Period, Value Repurchase of common stock Stock Repurchased During Period, Shares Repurchase of common stock (shares) Stock Issued During Period, Value, Employee Stock Purchase Plan Issuance of common stock in connection with employee stock purchase plan Stock Issued During Period, Shares, Employee Stock Purchase Plans Issuance of common stock in connection with employee stock purchase plan (shares) Stock Issued During Period, Value, Stock Options Exercised Issuance of common stock in connection with exercise of options Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Options Exercised Issuance of common stock in connection with exercise of options (shares) Stock Issued During Period, Value, Restricted Stock Award, Gross Vesting of restricted stock units Stock Issued During Period, Shares, Restricted Stock Award, Gross Vesting of restricted stock units (shares) Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards Share-Based Payment Arrangement, Shares Withheld for Tax Withholding Obligation Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards (shares) APIC, Share-Based Payment Arrangement, Option, Increase for Cost Recognition Stock-based compensation expense CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS Net Cash Provided by (Used in) Operating Activities [Abstract] Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Net income Adjustments, Noncash Items, to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Depreciation, Depletion and Amortization Depreciation and amortization Share-Based Payment Arrangement, Noncash Expense Stock-based compensation expense Amortization of Acquisition Costs Amortization of acquired intangible assets Capitalized Contract Cost, Amortization Amortization of capitalized direct sales commission costs Amortization of costs capitalized to obtain revenue contracts Accretion (Amortization) of Discounts and Premiums, Investments Net accretion of discounts on short-term investments Deferred Income Tax Expense (Benefit) Deferred taxes Other Noncash Income (Expense) Other Increase (Decrease) in Other Operating Assets and Liabilities, Net [Abstract] Increase (Decrease) in Accounts Receivable Accounts receivable Increase (Decrease) in Prepaid Expense and Other Assets Prepaid expenses and other current assets Operating Lease, Right-of-Use Asset, Periodic Reduction Operating lease right-of-use assets Increase (Decrease) in Other Noncurrent Assets Other non-current assets Increase (Decrease) in Accounts Payable Accounts payable Increase (Decrease) in Employee Related Liabilities Accrued compensation and related benefits Increase (Decrease) in Accrued Liabilities Accrued and other liabilities Increase (Decrease) in Contract with Customer, Liability Deferred revenues The increase (decrease) during the reporting period in the liability reflecting cash payments received before the related costs have been incurred. Increase Decrease In Billings In Excess Of Recognized Revenues Billings in excess of recognized revenues Increase (Decrease) in Operating Lease Liability Operating lease liabilities Net Cash Provided by (Used in) Operating Activities Net cash used in operating activities Net Cash Provided by (Used in) Investing Activities [Abstract] Proceeds from Maturities, Prepayments and Calls of Short-Term Investments Proceeds from maturities and sales of short-term investments Payments to Acquire Short-Term Investments Purchases of short-term investments Payments to Acquire Property, Plant, and Equipment Purchases of property and equipment The cash outflow associated with pre-payments for the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. Prepayments for purchases of property and equipment Prepayment for the purchase of property and equipment Net Cash Provided by (Used in) Investing Activities Net cash used in investing activities Net Cash Provided by (Used in) Financing Activities [Abstract] Proceeds from Stock Options Exercised Proceeds from exercise of stock options Proceeds from Stock Plans Proceeds from employee stock purchase plan Payment, Tax Withholding, Share-Based Payment Arrangement Payments for taxes related to net share settlement of equity awards Payments for Repurchase of Common Stock Repurchases of common stock Net Cash Provided by (Used in) Financing Activities Net cash used in financing activities Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Including Disposal Group and Discontinued Operations Effect of exchange rate changes on cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Net change in cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Including Disposal Group and Discontinued Operations Cash and cash equivalents at end of period Cash and cash equivalents at beginning of period Supplemental Cash Flow Information [Abstract] Income Taxes Paid Cash paid during the year for taxes Operating Lease, Payments Cash paid for amounts included in the measurement of operating lease liabilities Noncash Investing and Financing Items [Abstract] Capital Expenditures Incurred but Not yet Paid Property and equipment received and accrued in accounts payable and accrued and other liabilities Represents advances for purchase of fixed assets transferred from prepaid assets to property and equipment. Advances For Purchase Of Fixed Assets Transferred From Prepaid Assets To Property And Equipment Advances for purchase of fixed assets transferred from prepaid assets to property and equipment Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Operating lease liabilities arising from obtaining right-of-use assets Represents the noncash fixed assets transferred to sales-type lease. Noncash Fixed Assets Transferred To Sales Type Lease Property and equipment transferred to sales-type lease Represents the noncash stock-based compensation capitalized as a part of the cost of property & equipment. Stock Compensation Capitalized in Purchase of Property and Equipment Stock-based compensation capitalized as a part of the cost of property and equipment BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: Basis of Presentation and Significant Accounting Policies [Text Block] BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES REVENUE FROM CONTRACTS WITH CUSTOMERS: Revenue from Contract with Customer [Text Block] REVENUE FROM CONTRACTS WITH CUSTOMERS BALANCE SHEET COMPONENTS Supplemental Balance Sheet Disclosures [Text Block] BALANCE SHEET COMPONENTS LEASES: Lessee, Operating Leases [Text Block] LEASES STOCKHOLDERS EQUITY: Equity [Text Block] STOCKHOLDERS' EQUITY EMPLOYEE BENEFIT PLANS: Compensation and Employee Benefit Plans [Text Block] EMPLOYEE BENEFIT PLANS INCOME TAXES: Income Tax Disclosure [Text Block] INCOME TAXES NET INCOME (LOSS) PER SHARE: Earnings Per Share [Text Block] NET INCOME (LOSS) PER SHARE CUSTOMER AND GEOGRAPHIC INFORMATION: Segment Reporting Disclosure [Text Block] CUSTOMER AND GEOGRAPHIC INFORMATION FAIR VALUE MEASUREMENTS: Financial Instruments Disclosure [Text Block] FAIR VALUE MEASUREMENTS COMMITMENTS AND CONTINGENCIES: Commitments and Contingencies Disclosure [Text Block] COMMITMENTS AND CONTINGENCIES STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS: Related Party Transactions Disclosure [Text Block] STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS Basis of Accounting, Policy [Policy Text Block] Basis of Presentation, Policy Use of Estimates, Policy [Policy Text Block] Use of Estimates, Policy Revenue from Contract with Customer [Policy Text Block] Revenue Recognition, Policy Disclosure of accounting policy for the disaggregation of revenues from contracts with customers. Disaggregation of Revenue from Contracts with Customers, [Policy Text Block] Disaggregation of Revenue, Policy Disclosure of accounting policy for contract balances to maintain stemming from revenue earned from contracts with customers. Revenue from Contracts with Customers Contract Balances [Policy Text Block] Contract Balances, Policy Disclosure of accounting policy for costs to obtain or fulfill a contract. Costs to Obtain or Fulfill a Contract [Policy Text Block] Costs to Obtain or Fulfill a Contract, Policy Disclosure of accounting policy where significant judgements are used to recognize revenues in accordance with ASC 606. Includes revenue from contract with customer and from other sources. Revenue Recognition, Significant Judgements [Policy Text Block] Revenue-related Significant Judgements, Policy Disclosure of accounting policy for practical expedient usage when revenue generating arrangements contain significant financing components. Practical Expedient [Policy Text Block] Practical Expedient, Policy Accounts Receivable [Policy Text Block] Accounts Receivable, Policy Share-Based Payment Arrangement [Policy Text Block] Stock-Based Compensation, Policy Disclosure of accounting policy for stock incentive plans offered under share-based payment arrangement. Includes, but is not limited to, methodology and assumption used in measuring cost. Stock Incentive Plan, Policy Employee Stock Ownership Plan (ESOP), Policy [Policy Text Block] Employee Stock Purchase Plan, Policy Earnings Per Share, Policy [Policy Text Block] Earnings Per Share, Policy Fair Value Measurement, Policy [Policy Text Block] Fair Value Measurements, Policy New Accounting Pronouncements, Policy [Policy Text Block] Recent Accounting Standards, Policy Disaggregation of Revenue [Table Text Block] Schedule of Disaggregated Revenues Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Schedule of Contract Assets Recorded on a Net Basis with Deferred Revenue Deferred Revenue, by Arrangement, Disclosure [Table Text Block] Schedule of Deferred Revenue Tabular disclosure of revenue recognized that was included in the deferred revenues and billings in excess of recognized revenue balances at the beginning of each reporting period. Schedule of Revenue Recognized and Included in Deferred Revenues and Billings in Excess of Recognized Revenues at The Beginning of Each Reporting Period [Table Text Block] Schedule of Recognized Revenue Included in Deferred Revenues and Billings in Excess of Recognized

Revenues at the Beginning of Each Reporting Period Capitalized Contract Cost [Table Text Block] Schedule of Capitalized Direct Sales Commission Costs Tabular disclosure of the amortization of costs capitalized in obtaining or fulfilling contract with customer. Schedule of Amortization of Capitalized Direct Sales Commission Costs [Table Text Block] Schedule of Amortization of Capitalized Direct Sales Commission Costs Property, Plant and Equipment [Table Text Block] Schedule of Property and Equipment, Net Schedule of Finite-Lived Intangible Assets [Table Text Block] Schedule of Intangible Assets, Net Finite-Lived Intangible Assets Amortization Expense [Table Text Block] Schedule of Intangible Asset Amortization Schedule of Finite-Lived Intangible Assets, Future Amortization Expense [Table Text Block] Schedule of Intangible Asset Annual Amortization Expense Schedule of Other Assets, Noncurrent [Table Text Block] Schedule of Other Non-Current Assets Sales-Type and Direct Financing Leases, Payment to be Received, Maturity [Table Text Block] Schedule of Maturities of Payments to be Received Under Sales-type Leases Lease, Cost [Table Text Block] Schedule of Lease Expense Schedule of Assumptions for Fair Value as of Balance Sheet Date of Assets or Liabilities that relate to Transferor's Continuing Involvement [Table Text Block] Schedule of Supplemental Operating Lease Information Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Schedule of Maturities of Operating Lease Liabilities Schedule of Share-Based Payment Award, Employee Stock Purchase Plan, Valuation Assumptions [Table Text Block] Schedule of Employee Stock Purchase Plan, Black-Scholes-Merton Valuation Assumptions Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Schedule of Stock-Based Compensation Expenses Share-Based Payment Arrangement, Option, Activity [Table Text Block] Schedule of Stock Option Activity Schedule of Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Grant Date Intrinsic Value [Table Text Block] Schedule of Options Exercised Intrinsic Value Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block] Schedule of Restricted Stock Unit Activity Share-Based Compensation Arrangements by Share-Based Payment Award, Restricted Stock Units, Vested and Expected to Vest [Table Text Block] Schedule of Vested Restricted Stock Unit Fair Value Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Schedule of Earnings Per Share Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Schedule of Anti-Dilutive Shares Excluded from Earnings Per Share Schedule of Revenue by Major Customers by Reporting Segments [Table Text Block] Schedule of Revenue from Individual Customers Comprising Approximately 10% or More of the Company's Consolidated Revenues Schedule of Revenue from External Customers Attributed to Foreign Countries by Geographic Area [Table Text Block] Schedule of Revenues By Geographic Location Schedule of Disclosure on Geographic Areas, Long-Lived Assets in Individual Foreign Countries by Country [Table Text Block] Schedule of Long-Lived Assets, Net by Geographic Location Fair Value, Assets Measured on Recurring Basis [Table Text Block] Schedule of Assets Measured at Fair Value on a Recurring Basis Concentration Risk Type [Axis] Concentration Risk Type [Domain] Geographic Concentration Risk [Member] Geographic Concentration Risk Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Domain] Revenue Benchmark [Member] Revenue Benchmark Geographical [Axis] Geographical [Domain] Non-US [Member] Non-US Represents information pertaining to number of sources where the company is deriving revenue. Number of Revenue Sources Number of revenue sources Concentration Risk, Percentage Significant customer concentration (percentage) Percentage of Revenues Timing of Transfer of Good or Service [Axis] Timing of Transfer of Good or Service [Domain] Transferred over Time [Member] Over Time Transferred at Point in Time [Member] Point-in-time The percent of revenue. Percent of revenues Performance obligations, percentage of revenues Statement of Financial Position Location, Balance [Axis] Statement of Financial Position Location, Balance [Domain] Prepaid Expenses and Other Current Assets [Member] Prepaid Expenses and Other Current Assets Other Noncurrent Assets [Member] Other Non-current Assets Contract with Customer, Asset, after Allowance for Credit Loss, Current Current portion included in prepaid expenses and other current assets Contract with Customer, Asset, after Allowance for Credit Loss, Noncurrent Non-current portion included in other non-current assets Contract assets - non-current (1) Contract with Customer, Asset, after Allowance for Credit Loss Total contract assets Deferred Revenue, Noncurrent Non-current portion (1) Deferred Revenue Total deferred revenues Amount of revenue recognized during the period that was included in the deferred revenues and billings in excess of deferred revenues balances at the beginning of the period. Recognized Revenue Included in Deferred Revenues and Billings in Excess of Deferred Revenues at Beginning of Period Revenue recognized that was included in the deferred revenues and billings in excess of deferred revenues balances at beginning of period Capitalized Contract Cost, Net, Current Current portion included in prepaid expenses and other current assets Capitalized Contract Cost, Net, Noncurrent Costs capitalized to obtain revenue contracts - non-current (1) Non-current portion included in other non-current assets Capitalized Contract Cost, Net Total capitalized direct sales commission costs Capitalized Contract Cost, Impairment Loss Impairment losses related to capitalized contract costs Information pertaining to software license and related services. Software License and Related Services Agreement [Member] Software License and Related Services Agreement Customer [Axis] Customer [Domain] Information pertaining to Advantest America, Inc. Advantest America, Inc. [Member] Advantest America, Inc. Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Revenue, Remaining Performance Obligation, Amount Revenue, remaining performance obligation Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period More than half of the remaining performance obligations Contract with Customer, Performance Obligation Satisfied in Previous Period Revenue performance obligations satisfied in previous period Long-Lived Tangible Asset [Axis] Long-Lived Tangible Asset [Domain] Information pertaining to DFI test equipment. DFI Test Equipment [Member] DFI Test Equipment Accounts Receivable [Member] Accounts Receivable Unbilled Receivables, Current Unbilled receivables Unbilled Receivables, Not Billable, Amount Expected to be Collected after Next 12 Months Unbilled accounts receivable - non-current (2) Unbilled receivables - non-current Depreciation, Depletion and Amortization, Nonproduction Depreciation and amortization Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life Intangible assets, amortization period Goodwill, Impairment Loss Impairment of goodwill Sales-type Lease, Net Investment in Lease, Allowance for Credit Loss Allowance for credit loss on sales-type lease receivables Computer Equipment [Member] Computer Equipment Software and Software Development Costs [Member] Software Furniture and Fixtures [Member] Furniture, Fixtures, and Equipment Leasehold Improvements [Member] Leasehold Improvements Information pertaining to laboratory and test equipment. Laboratory and Other Equipment [Member] Laboratory and Other Equipment Test equipment member. Test Equipment [Member] Test Equipment Construction in Progress [Member] Property and Equipment in Progress DFI system assets under construction. Includes recently completed structures or modifications to structures that have not been placed into service. In-Progress DFI System Assets DFI System Assets CV system and other assets under construction. Includes recently completed structures or modifications to structures that have not been placed into service. In-Progress CV System and Other Assets CV System and Other Assets Property, Plant and Equipment, Gross Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Less: accumulated depreciation and amortization Statement of Income Location, Balance [Axis] Statement of Income Location, Balance [Domain] Cost of Sales [Member] Costs of Revenues Information pertaining to costs and expenses . Costs and Expenses Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets, Major Class Name [Domain] Customer Relationships [Member] Customer Relationships Developed Technology Rights [Member] Developed Technology Trademarks and Trade Names [Member] Tradename and Trademarks Patents [Member] Patent Noncompete Agreements [Member] Noncompetition Agreements Statistical Measurement [Axis] Statistical Measurement [Domain] Minimum [Member] Minimum Maximum [Member] Maximum Amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Amortization Period of Intangible Assets Amortization Period (Year) Finite-Lived Intangible Assets, Gross Intangible assets, gross carrying amount, total Finite-Lived Intangible Assets, Accumulated Amortization Intangible assets, accumulated amortization, total Finite-Lived Intangible Assets, Net Intangible assets, net carrying amount, total The aggregate expense charged against earnings to allocate the cost of technology-based intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. Amortization of acquired intangible assets, technology Amortization of acquired technology included under Costs of revenues The aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. Amortization of acquired intangible assets presented in the income statement Amortization of acquired intangible assets presented separately under costs and expenses The total expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. Amortization of acquired intangible assets, net Total amortization of acquired intangible assets Finite-Lived Intangible Asset, Expected Amortization, Remainder of Fiscal Year 2024 (remaining six months) Finite-Lived Intangible Asset, Expected Amortization, Year One 2025 Finite-Lived Intangible Asset, Expected Amortization, Year Two 2026 Finite-Lived Intangible Asset, Expected Amortization, Year Three 2027 Finite-Lived Intangible Asset, Expected Amortization, Year Four 2028 Amount of amortization for asset, excluding financial asset and goodwill, lacking physical substance with finite life expected to be recognized after fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). pdfs_FinitelivedIntangibleAssetExpectedAmortizationAfterYearFour 2029 and thereafter Net carrying amount of intangible assets, which will be amortized over a set period of time. Intangible assets, net amount to be amortized Total future amortization expense Sales-Type Lease, Net Investment in Lease, after Allowance for Credit Loss, Noncurrent Net investment in sales-type leases - non-current (3) Net investment in sales-type leases, non-current Prepaid Expense Other, Noncurrent Deposits and other non-current prepaid expenses Sales-type Lease, Lease Receivable Lease receivables Present value of lease receivables Sales-type Lease, Unguaranteed Residual Asset Unguaranteed residual assets Sales-Type Lease, Net Investment in Lease, before Allowance for Credit Loss Net investment in sales-type leases Current portion of net investment in sales-type lease receivables. Current portion of sales-type lease receivables Less: Current portion of lease receivables under prepaid expenses and other current assets Sales-Type and Direct Financing Leases, Payment to be Received, Year One 2024 (remaining six months) Sales-Type and Direct Financing Leases, Payment to be Received, Year Two 2025 Sales-Type and Direct Financing Leases, Payment to be Received, Year Three 2026 Sales-Type and Direct Financing Leases, Payment to be Received, Year Four 2027 Sales-Type and Direct Financing Leases, Payment to be Received, Year Five 2028 Sales-Type and Direct Financing Leases, Payment to be Received Total future sales-type lease payments Present value adjustment amount on net investment in sales-type and direct financing leases. Net Investment in Lease, Present Value Adjustment Less: Present value adjustment (1) Number of finance leases as of balance sheet date. Number Of Finance Leases Number of finance leases Initial term of operating leases, threshold for determining whether the lease is recorded on the accompanying condensed consolidated balance sheets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Lessee, Operating Lease, Initial Term of Contract Threshold Initial lease term, threshold to be recorded in accompanying condensed consolidated balance sheets Operating Lease, Weighted Average Remaining Lease Term Weighted average remaining lease term under operating leases (in years) Operating Lease, Weighted Average Discount Rate, Percent Weighted average discount rate for operating lease liabilities Operating Lease, Cost Operating lease expense Amount of short-term lease cost, excluding expense for lease with term of one month or less and amount of variable lease cost, excluded from lease liability, recognized when obligation for payment is incurred for finance and operating leases. Short-term and variable lease expense Short-term lease and variable lease expense (1) Lease, Cost Total lease expense Lessee, Operating Lease, Liability, to be Paid, Year One 2024 (remaining six months) Lessee, Operating Lease, Liability, to be Paid, Year Two 2025 Lessee, Operating Lease, Liability, to be Paid, Year Three 2026 Lessee, Operating Lease, Liability, to be Paid, Year Four 2027 Lessee, Operating Lease, Liability, to be Paid, Year Five 2028 Lessee, Operating Lease, Liability, to be Paid, after Year Five 2029 Lessee, Operating Lease, Liability, to be Paid Future Lease payments Total future minimum lease payments Amount of lessee's accrued interest on principal balance of operating leases, which is netted against total future lease payments in determining the present value of the company's future minimum operating lease payments. Operating Lease Liability, Accrued Interest Less: Interest (2) Operating Lease, Liability Present value of future minimum lease payments under operating lease liabilities (3) Amount of the operating lease liability related to an option to extend the lease term that is reasonably certain to be exercised. pdfs_OperatingLeaseLiabilityAmountRelatedToExtensionOfLeaseTerm Operating lease liability, amount related to extension of lease term Share Repurchase Program [Axis] Share Repurchase Program [Domain] Represent information pertaining to the 2022 Stock repurchase program. Stock Repurchase Program 2022 [Member] 2022 Stock Repurchase Program Represent information pertaining to the 2024 Stock repurchase program. Stock Repurchase Program 2024 [Member] 2024 Stock Repurchase Program Share Repurchase Program, Authorized, Amount Stock Repurchase Program, Authorized Amount Share Repurchase Program, Period in Force Stock Repurchase Program, Period in Force (Year) Accelerated Share Repurchases, Final Price Paid Per Share Repurchase of common stock, weighted-average price per share The cash value of reacquired common shares during the period. Repurchases of common stock, cost Stock Issued During Period, Shares, New Issues Common stock shares issued Proceeds from Issuance of Common Stock Proceeds from Issuance of Common Stock Plan Name [Axis] Plan Name [Domain] Information pertaining to the Company's various stock purchase and stock incentive plans that are no longer active. Expired Stock Plans [Member] Expired Stock Incentive Plans Information pertaining to the Company's various stock purchase and stock incentive plans. Incentive Plan Year 2011 [Member] 2011 Stock Incentive Plan Information pertaining to the Company's various stock purchase and stock incentive plans. Purchase Plan Year 2021 [Member] 2021 Employee Stock Purchase Plan Outstanding Options Restricted Stock Units (RSUs) [Member] Restricted Stock Units (RSUs) Non-vested Restricted Stock Units Share-Based Compensation Arrangement by Share-Based Payment Award, Maximum Employee Subscription Rate Eligible Employee Contribution Rate, Percentage of Compensation Share-Based Compensation Arrangement by Share-Based Payment Award, Purchase Price of Common Stock, Percent Eligible Employee Share Purchase Price, Percentage of Fair Market Value Period from grant date that an equity-based award is offered, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Share-based Compensation Arrangement by Share-based Payment Award, Offering Period ESPP, Share Offering Period Duration Number of six month purchase periods in each offering period under the employee stock plan. Number of six month purchase periods in each offering period ESPP, Share Purchase Periods Within Each Offering Period Length of purchase periods within each offering period under employee stock purchase plans, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. ESPP, Share Purchase Period Duration Stock Issued During Period, Shares, Employee Stock Ownership Plan Shares Issued During Period Employee Stock Ownership Plan (ESOP), Weighted Average Purchase Price of Shares Purchased Weighted Average Purchase Price Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Unrecognized Compensation Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Unrecognized Compensation Recognition Period Common Stock, Capital Shares Reserved for Future Issuance Capital Shares Reserved for Future Issuance Aggregate number of common shares reserved for future issuance. Stock Incentive Plans, Common Shares Reserved for Future Issuance Aggregate number of common shares retained for future issuance under expired stock incentive plans. Expired Stock Incentive Plans, Common Shares Retained for Future Issuance Stock Incentive Plans, Common Shares Reserved for Future Issuance from Expired Incentive Plans Aggregate common shares reserved to cover stock-based awards under the 2011 Plan. Stock Incentive Plans, Aggregate Shares Reserved to Cover Stock-based Awards Under Expired Plans Aggregate Common Shares Reserved to Cover Stock-based Awards Under the 2011 Plan The reduction rate in the number of shares reserved under the option plan attributable to awards other than options or stock appreciation rights. pdfs_ShareBasedCompensationArrangementByShareBasedPaymentAwardSharesReservedDecreaseRate Stock Incentive Plans, Rate Decrease in Reserved Plan-Shares Pursuant to Awards Other Than Options or SARs Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Stock Option Expiration Period Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Stock option vesting period Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Stock Incentive Plans, Shares Available for Future Grant Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Options Outstanding, Ending Balance Options Outstanding, Beginning Balance Stock Incentive Plans, Stock Option Awards Outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Stock Incentive Plans, Stock Options and Awards Granted Share Price Common Stock, Closing Share Price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested in Period, Fair Value Fair value of restricted stock units vested Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Term Expected life (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate Volatility Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate Risk-free interest rate Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Dividend Rate Expected dividend Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Weighted average fair value of purchase rights granted during the period Research and Development

Expense [Member] Research and Development Selling, General and Administrative Expenses [Member] Selling, General, and Administrative Share-Based Payment Arrangement, Expense Employee Stock Ownership Plan (ESOP) Name [Axis] Employee Stock Ownership Plan (ESOP), Plan [Domain] Enables employees to purchase their company's common stock, often at a discount from the market price. Employee Stock Purchase Plans [Member] Employee Benefit Plans Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Number Options Vested and Expected to Vest Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Number Options Exercisable Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Options Outstanding, Weighted Average Exercise Price, Ending Balance Options Outstanding, Weighted Average Exercise Price, Beginning Balance Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Options Exercised, Weighted Average Exercise Price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price Options Vested and Expected to Vest, Weighted Average Exercise Price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Exercise Price Options Exercisable, Weighted Average Exercise Price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term Options Outstanding, Weighted Average Remaining Contractual Term Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Remaining Contractual Term Options Vested and Expected to Vest, Weighted Average Remaining Contractual Term Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term Options Exercisable, Weighted Average Remaining Contractual Term Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Options Outstanding, Aggregate Intrinsic Value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Options Vested and Expected to Vest, Aggregate Intrinsic Value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Intrinsic Value Options Exercisable, Aggregate Intrinsic Value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period, Intrinsic Value Intrinsic value of options exercised Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Non-vested RSUs, Ending Balance Non-vested RSUs, Opening Balance Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period RSUs Granted Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period RSUs Vested Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period RSUs Forfeited Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Non-vested RSUs Ending, Weighted Average Grant Date Fair Value Non-vested RSUs Opening, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value RSUs Granted, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value RSUs Vested, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value RSUs Forfeited, Weighted Average Grant Date Fair Value Increase (Decrease) in Income Taxes Effective Income Tax Rate Reconciliation, Percent Unrecognized Tax Benefits Unrecognized tax benefits, excluding interest and penalties Unrecognized Tax Benefits that Would Impact Effective Tax Rate Unrecognized tax benefits that would impact effective tax rate Amount accrued for interest on an underpayment of income taxes and penalties related to a tax position claimed or expected to be claimed in the tax return which have been recorded as part of the long-term liabilities in the balance sheet. pdfs_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAndInterestAccruedInLongTermLiabilities Unrecognized tax benefits including income tax penalties and interest accrued in long term liabilities Unrecognized Tax Benefits, Income Tax Penalties and Interest Accrued Unrecognized tax benefits, interest accrued Unrecognized tax benefits in deferred tax assets. pdfs_UnrecognizedTaxBenefitsInDeferredTaxAssets Unrecognized Tax Benefits In Deferred Tax Assets Deferred Tax Assets, Valuation Allowance Deferred Tax Assets, Valuation Allowance Weighted Average Number of Shares Outstanding, Diluted, Adjustment Effect of dilutive stock options, unvested restricted stock units, and shares of common stock expected to be issued under Employee Purchase Plan Antidilutive Securities [Axis] Antidilutive Securities, Name [Domain] Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Antidilutive securities excluded from EPS Number of Operating Segments Number of operating segments Number of Reportable Segments Number of Reportable Segments Schedule of Revenues from External Customers and Long-Lived Assets [Table] Customer Concentration Risk [Member] Customer Concentration Risk Information pertaining to customer A. Customer A [Member] Customer A Information pertaining to customer B. Customer B [Member] Customer B Information pertaining to customer C. Customer C [Member] Customer C Information pertaining to customer D. Customer D [Member] Customer D Information pertaining to customer E. Customer E Revenues from External Customers and Long-Lived Assets [Line Items] UNITED STATES United States CHINA China JAPAN JAPAN Information pertaining to the rest of the world. Rest Of The World [Member] Rest of the World Long-Lived Assets Long-lived assets, net Asset Class [Axis] Asset Class [Domain] Money Market Funds [Member] Money Market Mutual Funds US Government Corporations and Agencies Securities [Member] U.S. Government Securities Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Domain] Fair Value, Inputs, Level 1 [Member] Quoted Prices in Active Markets for Identical Assets (level 1) Cash and Cash Equivalents, Fair Value Disclosure Cash equivalents Debt Securities, Available-for-Sale Short-term investments (available-for-sale debt securities) Other Assets, Fair Value Disclosure Assets measured at fair value, total Scenario [Axis] Scenario [Domain] Commitments and contingencies pertaining to indemnifications. Indemnifications Commitments and contingencies pertaining to purchase obligations. Purchase Obligations Represents information pertaining to product warranty period following initial delivery. Term of Product Warranty Term of Product Warranty Purchase Obligation Purchase Obligation, Total Threshold payment period for majority of purchase obligation. Threshold Payment Period Of Majority Of Purchase Obligation Period over which the majority of purchase obligations become due Related and Nonrelated Parties [Axis] Related and Nonrelated Parties [Domain] Affiliated Entity [Member] Advantest America, Inc. Collaborative Arrangement and Arrangement Other than Collaborative [Axis] Collaborative Arrangement and Arrangement Other than Collaborative [Domain] Collaborative Arrangement [Member] Securities Purchase Agreement Long-Term Purchase Commitment, Period Term of cloud-based subscription for Extension analytics software Amount of revenue recognized from the strategic partnership with Advantest. Advantest Analytics Revenue Related party revenue Other Receivables Related party receivables Contract with Customer, Liability Related party deferred revenue EX-101.PRE 11 pdfs-20240630_pre.xml EX-101.PRE XML 13 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Document And Entity Information - shares 6 Months Ended Jun. 30, 2024 Aug. 02, 2024 Document and Entity Information Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Jun. 30, 2024 Â Document Transition Report false Â Securities Act File Number 000-31311 Â Entity Registrant Name PDF SOLUTIONS,Â INC. Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 25-1701361 Â Entity Address, Address Line One 2858 De La Cruz Blvd. Â Entity Address, City or Town Santa Clara Â Entity Address, State or Province CA Â Entity Address, Postal Zip Code 95050 Â City Area Code 408 Â Local Phone Number 280-7900 Â Title of 12(b) Security Common Stock, $0.00015Â par value Â Trading Symbol PDFS Â Security Exchange Name NASDAQ Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Large Accelerated Filer Â Entity Small Business false Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding Â 38,745,197 Entity Central Index Key 0001120914 Â Amendment Flag false Â Current Fiscal Year End Date --12-31 Â Document Fiscal Period Focus Q2 Â Document Fiscal Year Focus 2024 Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration XML 14 R2.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED BALANCE SHEETS - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Assets, Current [Abstract] Â Â Cash and cash equivalents $ 91,987 $ 98,978 Short-term investments 25,888 36,544 Accounts receivable, net of allowance for credit losses of $890 as of June 30, 2024 and December 31, 2023 56,410 44,904 Prepaid expenses and other current assets 19,007 17,422 Total current assets 193,292 197,848 Property and equipment, net 40,707 37,338 Operating lease right-of-use assets, net 4,424 4,926 Goodwill 14,996 15,029 Intangible assets, net 13,897 15,620 Deferred tax assets, net 145 157 Other non-current assets 30,538 19,218 Total assets 297,999 290,136 Liabilities, Current [Abstract] Â Â Accounts payable 4,219 2,561 Accrued compensation and related benefits 11,468 14,800 Accrued and other current liabilities 5,994 4,633 Operating

lease liabilities - current portion 1,609 1,529 Deferred revenues - current portion 31,662 25,750 Billings in excess of recognized revenues 512 1,570 Total current liabilities 55,464 50,843 Long-term income taxes 2,668 2,972 Non-current portion of operating lease liabilities 4,003 4,657 Other non-current liabilities 3,711 2,718 Total liabilities 65,846 61,190 Stockholders' Equity, Number of Shares, Par Value and Other Disclosure [Abstract] Â Â Preferred stock, $0.00015 par value, 5,000 shares authorized, no shares issued and outstanding Common stock, $0.00015 par value, 70,000 shares authorized; shares issued 50,224 and 49,749, respectively; shares outstanding 38,431 and 38,289, respectively 6 6 Additional Paid in Capital 487,219 473,295 Treasury stock at cost, 11,793 and 11,460 shares, respectively (155,084) (143,923) Accumulated deficit (96,733) (98,045) Accumulated other comprehensive loss (3,255) (2,387) Total stockholders' equity 232,153 228,946 Total liabilities and stockholders' equity $ 297,999 $ 290,136 X - DefinitionLiability attributable to (i) billings in excess of costs under the percentage of completion contract accounting method representing the difference between contractually invoiced amounts (billings) and revenue recognized based, for example, on costs incurred to estimated total costs at period end or (ii) contractually invoiced amounts (billings) in excess of costs incurred and accumulated under the completed contract accounting method that are expected to be realized within one year or one operating cycle, whichever is longer, from the reporting date. + ReferencesNo definition available. + Details Name: pdfs_ContractWithCustomerLiabilityBillingsInExcessOfRevenueRecognized Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccruedIncomeTaxesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: 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Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: 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-Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix:

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DeferredRevenueCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher 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ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityNumberOfSharesParValueAndOtherDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount allocated to treasury stock. Treasury stock is common and preferred shares of an entity that were issued, repurchased by the entity, and are held in its treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481520/505-30-50-4Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 15 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED BALANCE SHEETS (Parentheticals) - USD ($) shares in Thousands, $ in Thousands Jun. 30, 2024 Dec. 31, 2023 CONDENSED CONSOLIDATED BALANCE SHEETS Â Â Accounts receivable, allowance for credit losses $ 890 $ 890 Preferred Stock, Par or Stated Value Per Share $ 0.00015 $ 0.00015 Preferred Stock, Shares Authorized 5,000 5,000 Preferred Stock, Shares Issued 0 0 Preferred Stock, Shares Outstanding 0 0 Common Stock, Par or Stated Value Per Share $ 0.00015 $ 0.00015 Common Stock, Shares Authorized 70,000 70,000 Common Stock, Shares, Issued 50,224 49,749 Common Stock, Shares, Outstanding 38,431 38,289 Treasury Stock, Common, Shares 11,793 11,460 X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4 + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of previously issued common shares repurchased by the issuing entity and held in treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant XML 16 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS - USD ($) shares in Thousands, $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Revenues [Abstract] Â Â Â Â Total revenues $ 41,661 $ 41,601 $ 82,971 $ 82,360 Costs and Expenses [Abstract] Â Â Â Â Costs of revenues 12,230 12,369 25,759 24,273 Research and development 12,649 12,264 25,633 25,315 Selling, general, and administrative 16,259 14,766 32,757 30,411 Amortization of acquired intangible assets 259 326 518 651 Interest and other expense (income), net (1,479) (1,071) (3,171) (1,982) Income (loss) before income tax benefit (expense) 1,743 2,947 1,475 3,692 Income tax benefit (expense) (38) 3,888 (163) 3,498 Net income 1,705 6,835 1,312 7,190 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Alternative [Abstract] Â Â Â Â Foreign currency translation adjustments, net of tax (330) (387) (852) (127) Change in unrealized gain (loss) related to available-for-sale debt securities, net of tax 4 Â (16) 7 Total other comprehensive loss (326) (387) (868) (120) Comprehensive income $ 1,379 $ 6,448 $ 444 $ 7,070 Net income per share: Â Â Â Â Basic $ 0.04 $ 0.18 $ 0.03 $ 0.19 Diluted $ 0.04 $ 0.17 $ 0.03 $ 0.18 Weighted average common shares used to calculate net income per share: Â Â Â Â Basic 38,619 37,859 38,456 37,799 Diluted 39,132 39,076 38,989 38,968 Analytics Â Â Â Â Revenues [Abstract] Â Â Â Â Total revenues $ 38,114 $ 37,134 $ 76,577 $ 73,460 Integrated Yield Ramp Â Â Â Â Revenues [Abstract] Â Â Â Â Total revenues $ 3,547 $ 4,467 $ 6,394 $ 8,900 X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2 + Details Name: us-gaap_AmortizationOfIntangibleAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CostsAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of unrealized gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleUnrealizedGainLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -

URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount before accretion (amortization) of purchase discount (premium) of interest income on nonoperating securities. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_InvestmentIncomeInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31:

http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxAttributableToParentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenuesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ProductOrServiceAxis=pdfs_AnalyticsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=pdfs_IntegratedYieldRampMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 17 R5.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS EQUITY - USD ($) shares in Thousands, $ in Thousands Common Stock Additional Paid-in Capital Treasury Stock Accumulated Deficit Accumulated Other Comprehensive Loss Total Beginning Balances at Dec. 31, 2022 $ 6 $ 447,415 $ (133,709) $ (101,150) $ (2,550) $ 210,012 Beginning Balances (shares) at Dec. 31, 2022 37,431 Â 11,182 Â Â Â Issuance of common stock in connection with employee stock purchase plan Â 1,663 Â Â Â 1,663 Issuance of common stock in connection with employee stock purchase plan (shares) 98 Â Â Â Â Â Issuance of common stock in connection with exercise of options Â 345 Â Â Â 345 Issuance of common stock in connection with exercise of options (shares) 21 Â Â Â Â Â Vesting of restricted stock units (shares) 286 Â Â Â Â Â Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards Â Â $ (4,101) Â Â (4,101) Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards (shares) Â Â 133 Â Â Â Stock-based compensation expense Â 4,884 Â Â Â 4,884 Comprehensive income (loss) Â Â Â 355 267 622 Ending Balances at Mar. 31, 2023 $ 6 454,307 $ (137,810) (100,795) (2,283) 213,425 Ending Balances (shares) at Mar. 31, 2023 37,836 Â 11,315 Â Â Â Beginning Balances at Dec. 31, 2022 $ 6 447,415 $ (133,709) (101,150) (2,550) 210,012 Beginning Balances (shares) at Dec. 31, 2022 37,431 Â 11,182 Â Â Â Comprehensive income (loss) Â Â Â Â Â 7,070 Ending Balances at Jun. 30, 2023 $ 6 459,072 $ (138,278) (93,960) (2,670) 224,170 Ending Balances (shares) at Jun. 30, 2023 37,879 Â 11,326 Â Â Â Beginning Balances at Mar. 31, 2023 $ 6 454,307 $ (137,810) (100,795) (2,283) 213,425 Beginning Balances (shares) at Mar. 31, 2023 37,836 Â 11,315 Â Â Â Issuance of common stock in connection with exercise of options Â 87 Â Â Â 87 Issuance of common stock in connection with exercise of options (shares) 6 Â Â Â Â Â Vesting of restricted stock units (shares) 37 Â Â Â Â Â Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards Â Â $ (468) Â Â (468) Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards (shares) Â Â 11 Â Â Â Stock-based compensation expense Â 4,678 Â Â Â 4,678 Comprehensive income (loss) Â Â Â 6,835 (387) 6,448 Ending Balances at Jun. 30, 2023 $ 6 459,072 $ (138,278) (93,960) (2,670) 224,170 Ending Balances (shares) at Jun. 30, 2023 37,879 Â 11,326 Â Â Â Beginning Balances at Dec. 31, 2023 $ 6 473,295 $ (143,923) (98,045) (2,387) 228,946 Beginning Balances (shares) at Dec. 31, 2023 38,289 Â 11,460 Â Â Â Repurchase of common stock Â Â $ (6,899) Â Â (6,899) Repurchase of common stock (shares) (202) Â 202 Â Â Â Issuance of common stock in connection with employee stock purchase plan Â 1,916 Â Â Â 1,916 Issuance of common stock in connection with employee stock purchase plan (shares) 74 Â Â Â Â Â Issuance of common stock in connection with exercise of options Â 25 Â Â Â 25 Issuance of common stock in connection with exercise of options (shares) 1 Â Â Â Â Â Vesting of restricted stock units (shares) 231 Â Â Â Â Â Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards Â Â $ (3,794) Â Â (3,794) Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards (shares) Â Â 118 Â Â Â Stock-based compensation expense Â 6,154 Â Â Â 6,154 Comprehensive income (loss) Â Â Â (393) (542) (935) Ending Balances at Mar. 31, 2024 $ 6 481,390 $ (154,616) (98,438) (2,929) 225,413 Ending Balances (shares) at Mar. 31, 2024 38,393 Â 11,780 Â Â Â Beginning Balances at Dec. 31, 2023 $ 6 473,295 $ (143,923) (98,045) (2,387) 228,946 Beginning Balances (shares) at Dec. 31, 2023 38,289 Â 11,460 Â Â Â Comprehensive income (loss) Â Â Â Â Â 444 Ending Balances at Jun. 30, 2024 $ 6 487,219 $ (155,084) (96,733) (3,255) 232,153 Ending Balances (shares) at Jun. 30, 2024 38,431 Â 11,793 Â Â Â Beginning Balances at Mar. 31, 2024 $ 6 481,390 $ (154,616) (98,438) (2,929) 225,413 Beginning Balances (shares) at Mar. 31, 2024 38,393 Â 11,780 Â Â Â Issuance of common stock in connection with exercise of options Â 67 Â Â Â 67 Issuance of common stock in connection with exercise of options (shares) 4 Â Â Â Â Â Vesting of restricted stock units (shares) 34 Â Â Â Â Â Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards Â Â $ (468) Â Â (468) Purchases of treasury stock in connection with tax withholdings on vesting of restricted stock awards (shares) Â Â 13 Â Â Â Stock-based compensation expense Â 5,762 Â Â Â 5,762 Comprehensive income (loss) Â Â Â 1,705 (326) 1,379 Ending Balances at Jun. 30, 2024 $ 6 $ 487,219 $ (155,084) $ (96,733) $ (3,255) $ 232,153 Ending Balances (shares) at Jun. 30, 2024 38,431 Â 11,793 Â Â Â X - DefinitionAmount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for option under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationStockOptionsRequisiteServicePeriodRecognition Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type:

xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares used to settle grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares issued during the period as a result of an employee stock purchase plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionTotal number of shares issued during the period, including shares forfeited, as a result of Restricted Stock Awards. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAggregate change in value for stock issued during the period as a result of employee stock purchase plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueEmployeeStockPurchasePlan Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue of stock issued as a result of the exercise of stock options. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares that have been repurchased during the period and have not been retired and are not held in treasury. Some state laws may govern the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedDuringPeriodShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionEquity impact of the value of stock that has been repurchased during the period and has not been retired and is not held in treasury. Some state laws may mandate the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedDuringPeriodValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 18 R6.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS - USD ($) $ in Thousands 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Net Cash Provided by (Used in) Operating Activities [Abstract] Â Â Net income $ 1,312 $ 7,190 Adjustments, Noncash Items, to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Â Â Depreciation and amortization 2,129 2,544 Stock-based compensation expense 11,810 9,562 Amortization of acquired intangible assets 1,686 1,757 Amortization of costs capitalized to obtain revenue contracts 1,274 962 Net accretion of discounts on short-term investments (896) (438) Deferred taxes 17 (82) Other (273) 20 Increase (Decrease) in Other Operating Assets and Liabilities, Net [Abstract] Â Â Accounts receivable (11,552) (19,320) Prepaid expenses and other current assets (2,990) (7,466) Operating lease right-of-use assets 612 603 Other non-current assets (7,066) 22 Accounts payable 482 (2,791) Accrued compensation and related benefits (3,188) (5,954) Accrued and other liabilities 255 (61) Deferred revenues 6,953 7,371 Billings in excess of recognized revenues (1,058) 2 Operating lease liabilities (685) (536) Net cash used in operating activities (1,178) (6,615) Net Cash Provided by (Used in) Investing Activities [Abstract] Â Â Proceeds from maturities and sales of short-term investments 37,000 19,800 Purchases of short-term investments (25,464) (23,476) Purchases of property and equipment (7,343) (5,694) Prepayment for the purchase of property and equipment Â (307) Net cash used in investing activities 4,193 (9,677) Net Cash Provided by (Used in) Financing Activities [Abstract] Â Â Proceeds from exercise of stock options 92 432 Proceeds from employee stock purchase plan 1,916 1,663 Payments for taxes related to net share settlement of equity awards (4,262) (4,569) Repurchases of common stock (6,899) Â Net cash used in financing activities (9,153) (2,474) Effect of exchange rate changes on cash and cash equivalents (853) (498) Net change in cash and cash equivalents (6,991) (19,264) Cash and cash equivalents at beginning of period 98,978 119,624 Cash and cash equivalents at end of period 91,987 100,360 Supplemental Cash Flow Information [Abstract] Â Â Cash paid during the year for taxes 1,290 3,134 Cash paid for amounts included in the measurement of operating lease liabilities 847 718 Noncash Investing and Financing Items [Abstract] Â Â Property and equipment received and accrued in accounts payable and accrued and other liabilities 3,025 1,831 Advances for purchase of fixed assets transferred from prepaid assets to property and equipment 89 $ 66 Operating lease liabilities arising from obtaining right-of-use assets 142 Â Property and equipment transferred to sales-type lease 4,021 Â Stock-based compensation capitalized as a part of the cost of property and equipment $ 106 Â X - DefinitionRepresents advances for purchase of fixed assets transferred from prepaid assets to property and equipment. + ReferencesNo definition available. + Details Name: pdfs_AdvancesForPurchaseOfFixedAssetsTransferredFromPrepaidAssetsToPropertyAndEquipment Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the liability reflecting cash payments received before the related costs have been incurred. + ReferencesNo definition available. + Details Name: pdfs_IncreaseDecreaseInBillingsInExcessOfRecognizedRevenues Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRepresents the noncash fixed assets transferred to sales-type lease. + ReferencesNo definition available. + Details Name: pdfs_NoncashFixedAssetsTransferredToSalesTypeLease Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with pre-payments for the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesNo definition available. + Details Name: pdfs_PrepaymentsForPurchasesOfPropertyAndEquipment Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepresents the noncash stock-based compensation capitalized as a part of the cost of property & equipment. + ReferencesNo definition available. + Details Name: pdfs_StockCompensationCapitalizedInPurchaseOfPropertyAndEquipment Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe sum of the periodic adjustments of the differences between securities' face values and purchase prices that are charged against earnings. This is called accretion if the security was purchased at a discount and amortization if it was purchased at premium. As a noncash item, this element is an adjustment to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_AccretionAmortizationOfDiscountsAndPremiumsInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsNoncashItemsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of expense recognized in the current period that reflects the allocation of capitalized costs

associated with acquisition of business. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_AmortizationOfAcquisitionCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionFuture cash outflow to pay for purchases of fixed assets that have occurred. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_CapitalExpendituresIncurredButNotYetPaid Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of amortization expense for asset recognized from cost incurred to obtain or fulfill contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_DeferredIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, before refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-23Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-22Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2 + Details Name: us-gaap_IncomeTaxesPaid Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInEmployeeRelatedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in obligation for operating lease. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOtherOperatingAssetsAndLiabilitiesNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NoncashInvestingAndFinancingItemsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeasePayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of periodic reduction over lease term of carrying amount of right-of-use asset from operating lease. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OperatingLeaseRightOfUseAssetAmortizationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherNoncashIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow to reacquire common stock during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsForRepurchaseOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType

Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from maturities, prepayments, calls and collections of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow associated with the amount received from the stock plan during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromStockPlans Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowInformationAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 19 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES 6 Months Ended Jun. 30, 2024 BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: Â BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES 1. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIESBasis of PresentationThe interim unaudited condensed consolidated financial statements included herein have been prepared by PDF Solutions,Â Inc. (the â€œCompanyâ€) pursuant to the rulesÂ and regulations of the Securities and Exchange Commission (â€œSECâ€), including the instructions to the Quarterly Report on FormÂ 10-Q and ArticleÂ 10 of Regulation S-X. Certain information and footnote disclosures normally included in annual consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted. The interim unaudited condensed consolidated financial statements reflect, in the opinion of management, all adjustments necessary (consisting only of normal recurring adjustments)Â to present a fair statement of results for the interim periods presented. The operating results for any interim period are not necessarily indicative of the results that may be expected for other interim periods or the full fiscalÂ year. The accompanying interim unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Companyâ€™s Annual Report on FormÂ 10-K for theÂ year ended DecemberÂ 31, 2023, filed with the SEC on February 27, 2024.The interim unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries after the elimination of all intercompany balances and transactions.The accompanying interim unaudited condensed consolidated balance sheet as of DecemberÂ 31, 2023Â has been derived from the audited consolidated financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America.Use of EstimatesThe preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Significant estimates in these condensed consolidated financial statements include revenue recognition, the estimated useful lives of property and equipment and intangible assets, assumptions made in analysis of allowance for credit losses, impairment of goodwill and long-lived assets, realization of deferred tax assets (â€œDTAsâ€), and accounting for lease obligations, stock-based compensation expense, and income tax uncertainties and contingencies. Actual results could differ from those estimates and may result in material effects on the Companyâ€™s operating results and financial position.RecentÂ Accounting StandardsIn November 2023, the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standards Update (â€œASUâ€) No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This ASU is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. Early adoption is permitted. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures.â€‹In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. This ASU is intended to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. It also includes certain other amendments to improve the effectiveness of income tax disclosures. The ASUâ€™s amendments are effective for public business entities for annual periods beginning after December 15, 2024. Entities are permitted to early adopt the standard for â€œannual financial statements that have not yet been issued or made available for issuance.â€ Adoption is either prospectively or retrospectively, the Company will adopt this ASU on a prospective basis. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures.Management has reviewed other recently issued accounting pronouncementsÂ issued or proposed by the FASB, and does not believe any of theseÂ accounting pronouncements has had or will have a material impact on the condensed consolidated financial statements.â€‹ X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE FROM CONTRACTS WITH CUSTOMERS 6 Months Ended Jun. 30, 2024 REVENUE FROM CONTRACTS WITH CUSTOMERS: Â

REVENUE FROM CONTRACTS WITH CUSTOMERS 2. REVENUE FROM CONTRACTS WITH CUSTOMERSThe Company derives revenue from two sources: AnalyticsÂ and Integrated Yield Ramp.The Company recognizes revenue in accordance with FASBÂ Accounting Standards Codification (â€œASCâ€) Topic 606,Â Revenue from Contracts with Customers, and its related amendments (collectively known as â€œASC 606â€).Â ASC 606Â outlines a single comprehensive model to use in accounting for revenue arising from contracts with customers. Revenue is recognized when control of products or services is transferred to customers, in an amount that reflects the consideration the Company expects to be entitled to in exchange for those promised products or services.The Company determines revenue recognition through the following five steps:â—Identification of the contract, or contracts, with a customerâ—Identification of the performance obligations in the contractâ—Determination of the transaction priceâ—Allocation of the transaction price to the performance obligations in the contractâ—Recognition of revenue when, or as, performance obligations are satisfiedThe Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectibility of consideration is probable.Contracts with Multiple Performance ObligationsThe Company enters into contracts that can include various combinations of licenses, products and services, some of which are distinct and are accounted for as separate performance obligations. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price (â€œSSPâ€).Analytics RevenueAnalytics revenue is derived from the following primary offerings: licenses and services for standalone software (which is primarilyÂ ExensioÂ® and CimetrixÂ® products), software-as-a-service (â€œSaaSâ€) (which is primarily ExensioÂ® products), and Design-for-Inspectionâ„¢ (â€œDFIâ„¢â€) systems and Characterization VehicleÂ® (â€œCVÂ®â€) systems that do not include performance incentives based on customersâ€™ yield achievement.Revenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers if the software license is considered as a separate performance obligation from the services offered by the Company. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because the Company isÂ providing (i)Â support and (ii)Â unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation.Revenue from SaaS arrangements,Â which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as a subscriptionÂ and is recognizedÂ as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers.Â For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis usingÂ the SSPÂ attributed to each performance obligation.Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customersâ€™ yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs. For those contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise, it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the lease. When the Companyâ€™s leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets.Integrated Yield RampÂ RevenueIntegrated Yield Ramp revenue is derived from the Companyâ€™s fixed-fee engagements that include performance incentives based on customersâ€™ yield achievement (which consists primarily of Gainshare royalties) typically based on customerâ€™s wafer shipments, pertaining to these fixed-price contracts, which royalties are variable.Revenue under these project-based contracts, which are delivered over a specific period of time, typically for a fixed-fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs and allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of the Companyâ€™s intellectual propertyÂ after the fixed-fee service period ends, based on a customerâ€™s yield achievement.Â Revenue derived from Gainshare is contingent upon the Companyâ€™s customers reaching certain defined production yield levels. Gainshare periods are generally subsequent to the delivery of all contractual services and performance obligations. The Company recordsÂ Gainshare as a usage-based royalty derived from customersâ€™Â usage of intellectual property and records it in the same period in which the usage occurs.Disaggregation of RevenueThe Company disaggregates revenue from contracts with customers into the timing of the transfer of goods and services and the geographical regions. The Company determinedÂ that disaggregating revenue into these categories achieves the disclosure objective to depict how the nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factors.The Companyâ€™s performance obligations are satisfied either over time or at a point-in-time. The following table represents a disaggregation of revenue percentage by timing of revenue:â€‹â€‹â€‹

Paragraph 12 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 606 -Publisher FASB -URI https://asc.fasb.org/606/tableOfContent + Details Name: us-gaap_RevenueFromContractWithCustomerTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS 6 Months Ended Jun. 30, 2024 BALANCE SHEET COMPONENTS Â BALANCE SHEET COMPONENTS 3. BALANCE SHEET COMPONENTSAccounts ReceivableAccounts receivable include amounts that are unbilled at the end of the period that are expected to be billed and collected within a 12-month period. Unbilled accounts receivable, included in accounts receivable, totaled $18.5 million and $16.4 million as of June 30, 2024, and DecemberÂ 31, 2023, respectively. Unbilled accounts receivable that are not expected to be billed and collected during the succeeding 12-month period are recorded in other non-current assets andÂ totaled $3.7Â million and $1.1Â million as of June 30, 2024, and DecemberÂ 31, 2023, respectively.The Company performs ongoing credit evaluations of its customersâ€™ financial condition. An allowance for credit losses is maintained for probable credit losses based upon the Companyâ€™s assessment of the expected collectibility of the accounts receivable. The allowance for credit losses is reviewed on a quarterly basis to assess the adequacy of the allowance.Property and EquipmentProperty and equipment, net consist of the following (in thousands):â€‹â€‹â€‹

which 4.5Â million shares were available for future grant. The number of shares reserved and available under the 2011 Plan includes 0.5 million shares that were subject to awards previously made under the 2001 Plan and were forfeited, expired, or repurchased by the Company after the adoption of the 2011 Plan through June 30, 2024. As of June 30, 2024, there were no outstanding awards that had been granted outside of the 2011 Plan.The Company estimated the fair value of share-based awards granted under the 2011 Stock Plan during the period using the Black-Scholes-Merton option-pricing model. There were no stock options granted during the three and six months ended June 30, 2024 and 2023. Stock-Based CompensationStock-based compensation is estimated at the grant date based on the awardâ€™s fair value and is recognized on a straight-line basis over the vesting periods, generally four years. Stock-based compensation expense before taxes related to the Companyâ€™sÂ stock planÂ and employee stock purchase planÂ was allocated as follows (in thousands):â€‹â€‹â€‹

http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 10: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 34 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-34Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-15Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/280/tableOfContentReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 28 R16.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS 6 Months Ended Jun. 30, 2024 FAIR VALUE MEASUREMENTS: Â FAIR VALUE MEASUREMENTS 10. FAIR VALUE MEASUREMENTSFair value is the exit price, or the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The multiple assumptions used to value financial instruments are referred to as inputs, and a hierarchy for inputs used in measuring fair value is established, that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs reflect assumptions market participants would use in pricing an asset or liability based on market data obtained from independent sources while unobservable inputs reflect a reporting entityâ€™s pricing based upon its own market assumptions. These inputs are ranked according to a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels.Level 1Â -Inputs are quoted prices in active markets for identical assets or liabilities.Â Â Level 2Â -Inputs are quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable and market-corroborated inputs which are derived principally from or corroborated by observable market data.Â Â Level 3Â -Inputs are derived from valuation techniques in which one or more significant inputs or value drivers are unobservable.â€‹The following table represents the Companyâ€™s assets measured at fair value on a recurring basis as of June 30, 2024,Â and DecemberÂ 31, 2023,Â and the basis for those measurements (in thousands):â€‹â€‹â€‹

Disclosure Â Â Â Â Net Income (Loss) $ 1,705 $ 6,835 $ 1,312 $ 7,190 X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection v -Paragraph 1 + Details Name: ecd_PvpTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B 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-Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 32 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Insider Trading Arrangements 6 Months Ended Jun. 30, 2024 Trading Arrangements, by Individual Â Rule 10b5-1 Arrangement Adopted false Non-Rule 10b5-1 Arrangement Adopted false Rule 10b5-1 Arrangement Terminated false Non-Rule 10b5-1 Arrangement Terminated false X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TradingArrByIndTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 33 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SIGNIFICANT ACCOUNTING POLICIES (Policies) 6 Months Ended Jun. 30, 2024 BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: Â Basis of Presentation, Policy Basis of PresentationThe interim unaudited condensed consolidated financial statements included herein have been prepared by PDF Solutions,Â Inc. (the â€œCompanyâ€) pursuant to the rulesÂ and regulations of the Securities and Exchange Commission (â€œSECâ€), including the instructions to the Quarterly Report on FormÂ 10-Q and ArticleÂ 10 of Regulation S-X. Certain information and footnote disclosures normally included in annual consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted. The interim unaudited condensed consolidated financial statements reflect, in the opinion of management, all adjustments necessary (consisting only of normal recurring adjustments)Â to present a fair statement of results for the interim periods presented. The operating results for any interim period are not necessarily indicative of the results that may be expected for other interim periods or the full fiscalÂ year. The accompanying interim unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Companyâ€™s Annual Report on FormÂ 10-K for theÂ year ended DecemberÂ 31, 2023, filed with the SEC on February 27, 2024.The interim unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries after the elimination of all intercompany balances and transactions.The accompanying interim unaudited condensed consolidated balance sheet as of DecemberÂ 31, 2023Â has been derived from the audited consolidated financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. Use of Estimates, Policy Use of EstimatesThe preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Significant estimates in these condensed consolidated financial statements include revenue recognition, the estimated useful lives of property and equipment and intangible assets, assumptions made in analysis of allowance for credit losses, impairment of goodwill and long-lived assets, realization of deferred tax assets (â€œDTAsâ€), and accounting for lease obligations, stock-based compensation expense, and income tax uncertainties and contingencies. Actual results could differ from those estimates and may result in material effects on the Companyâ€™s operating results and financial position. Revenue Recognition, Policy The Company derives revenue from two sources: AnalyticsÂ and Integrated Yield Ramp.The Company recognizes revenue in accordance with FASBÂ Accounting Standards Codification (â€œASCâ€) Topic 606,Â Revenue from Contracts with Customers, and its related amendments (collectively known as â€œASC 606â€).Â ASC 606Â outlines a single comprehensive model to use in accounting for revenue arising from contracts with customers. Revenue is recognized when control of products or services is transferred to customers, in an amount that reflects the consideration the Company expects to be entitled to in exchange for those promised products or services.The Company determines revenue recognition through the following five steps:â—Identification of the contract, or contracts, with a customerâ—Identification of the performance obligations in the contractâ—Determination of the transaction priceâ—Allocation of the transaction price to the performance obligations in the contractâ—Recognition of revenue when, or as, performance obligations are satisfiedThe Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectibility of consideration is probable.Contracts with Multiple Performance ObligationsThe Company enters into contracts that can include various combinations of licenses, products and services, some of which are distinct and are accounted for as separate performance obligations. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price (â€œSSPâ€).Analytics RevenueAnalytics revenue is derived from the following primary offerings: licenses and services for standalone software (which is primarilyÂ ExensioÂ® and CimetrixÂ® products), software-as-a-service (â€œSaaSâ€) (which is primarily ExensioÂ® products), and Design-for-Inspectionâ„¢ (â€œDFIâ„¢â€) systems and Characterization VehicleÂ® (â€œCVÂ®â€) systems that do not include performance incentives based on customersâ€™ yield achievement.Revenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers if the software license is considered as a separate performance obligation from the services offered by the Company. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because the Company isÂ providing (i)Â support and (ii)Â unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation.Revenue from SaaS arrangements,Â which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as a subscriptionÂ and is recognizedÂ as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers.Â For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis usingÂ the SSPÂ attributed to each performance obligation.Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customersâ€™ yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs. For those contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise, it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the lease. When the Companyâ€™s leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets.Integrated Yield RampÂ RevenueIntegrated Yield Ramp revenue is derived from the Companyâ€™s fixed-fee engagements that include performance incentives based on customersâ€™ yield achievement (which consists primarily of Gainshare royalties) typically

based on customerâ€™s wafer shipments, pertaining to these fixed-price contracts, which royalties are variable.Revenue under these project-based contracts, which are delivered over a specific period of time, typically for a fixed-fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs and allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the â€œSignificant Judgmentsâ€ section of this Note for further discussion.The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of the Companyâ€™s intellectual propertyÂ after the fixed-fee service period ends, based on a customerâ€™s yield achievement.Â Revenue derived from Gainshare is contingent upon the Companyâ€™s customers reaching certain defined production yield levels. Gainshare periods are generally subsequent to the delivery of all contractual services and performance obligations. The Company recordsÂ Gainshare as a usage-based royalty derived from customersâ€™Â usage of intellectual property and records it in the same period in which the usage occurs. Disaggregation of Revenue, Policy Disaggregation of RevenueThe Company disaggregates revenue from contracts with customers into the timing of the transfer of goods and services and the geographical regions. The Company determinedÂ that disaggregating revenue into these categories achieves the disclosure objective to depict how the nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factors.The Companyâ€™s performance obligations are satisfied either over time or at a point-in-time. The following table represents a disaggregation of revenue percentage by timing of revenue:â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹Three Months Ended JuneÂ 30,Â Â Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023â€‹2024Â Â Â Â 2023â€‹Over timeâ€‹ 72%Â Â 73% 69%Â Â 77%Point-in-timeÂ 28%Â Â 27% 31%Â Â 23%TotalÂ 100%Â Â 100% 100%Â Â 100%â€‹International revenues accounted for approximately 54% and 46% of the Companyâ€™s total revenues during the three months ended June 30, 2024 and 2023, respectively, and approximately 55% and 45% of the Companyâ€™s total revenues during the six months ended June 30, 2024 and 2023, respectively. See NoteÂ 9,Â Customer and Geographic Information. Contract Balances, Policy Contract BalancesThe Company performs its obligations under a contract with a customer primarily by licensing software or providing services in exchange for consideration from the customer. The timing of the Companyâ€™s performance often differs from the timing of the customerâ€™s payment, which results in the recognition of a receivable, a contract asset or a contract liability.The Company classifies the right to consideration in exchange for software or services transferred to a customer as either a receivable or a contract asset. A receivable is a right to consideration that is unconditional, as compared to a contract asset, which is a right to consideration that is conditional upon factors other than the passage of time. The majority of the Companyâ€™s contract assets represent unbilled amounts related to fixed-price service contracts when the revenue recognized exceeds the amount billed to the customer.â€‹The contract assets are recorded on a net basis with deferred revenue (i.e.,Â contract liabilities) at the contract level. The contract assets consist of the following (in thousands):â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024â€‹2023Current portion included in prepaid expenses and other current assetsâ€‹$ 6,098â€‹$ 6,787Non-current portion included in other non-current assetsâ€‹Â 699â€‹Â 933Total contract assetsâ€‹$ 6,797â€‹$ 7,720â€‹The Company did not record any asset impairment charges related to contract assetsÂ for the periods presented.Deferred revenues and billings in excess of recognized revenues consist substantially of amounts invoiced in advance of revenue recognition and are recognized as the revenue recognition criteria are met. Deferred revenues that will be recognized during the succeeding twelve-month period are recorded as current deferred revenues and the remaining portion is recorded in other non-current liabilities in the accompanying condensed consolidated balance sheets. Deferred revenues were the following (in thousands):â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024â€‹2023Current portion â€‹$ 31,662â€‹$ 25,750Non-current portion (1)â€‹â€‹ 2,819â€‹â€‹ 1,802Total deferred revenues â€‹$ 34,481â€‹$ 27,552(1)Included in other non-current liabilities.Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at the beginning of each reporting period was the following (in thousands):â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at beginning of period â€‹$ 14,543â€‹$ 10,844â€‹$ 18,929â€‹$ 16,364â€‹As of June 30, 2024, the aggregate amount of the transaction price allocated to the remaining performance obligations related to customer contracts that were unsatisfied or partially unsatisfied was approximately $243.2Â million.Â Given the applicable contract terms with customers, more than half of this amount is expected to be recognized as revenue over the next two years with the remainder to be recognized thereafter.Â This amount does not include insignificant contracts to which the customer is not committed, nor significant contracts for which the Company recognizes revenue equal to the amount the Company has the right to invoice for services performed, or future sales-based or usage-based royalty payments in exchange for a license of intellectual property. This amount is subject to change due to future revaluations of variable consideration, terminations, other contract modifications, or currency adjustments. The estimated timing of the recognition of remaining unsatisfied performance obligations is subject to change and is affected by changes to the scope, change in timing of delivery of products and services, or contract modifications.The adjustment to revenue recognized from performance obligations satisfied (or partially satisfied) in previous periods was a decrease of $0.3Â million and an increase of $1.3 million during the three months ended June 30, 2024 and 2023, respectively, and a decrease of $1.1 million and an increase of $3.2 million during the six months ended June 30, 2024 and 2023, respectively. These amounts primarily represent changes in estimatedÂ percentage-of-completion based contracts and changes in actual versus estimated Gainshare. Costs to Obtain or Fulfill a Contract, Policy Costs to Obtain or Fulfill a ContractThe Company capitalizes the incremental costs to obtain or fulfill a contract with a customer, including direct sales commissions and related fees, when itÂ expects to recover those costs. Amortization expense related to these capitalized costs is recognized over the period associated with the revenue from which the cost was incurred.Total capitalized direct sales commission costs were the following (in thousands):â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024â€‹2023Current portion included in prepaid expenses and other current assetsâ€‹$ 2,434â€‹$ 1,954Non-current portion included in other non-current assetsâ€‹Â 3,273â€‹Â 2,587Total capitalized direct sales commission costsâ€‹$ 5,707â€‹$ 4,541â€‹Amortization of capitalized direct sales commission costs was the following (in thousands):â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Amortization of capitalized direct sales commission costs â€‹$ 640â€‹$ 506â€‹$ 1,274â€‹$ 962â€‹There was no impairment loss in relation to the costs capitalized for the periods presented. Revenue-related Significant Judgements, Policy Significant JudgmentsJudgments and estimates are required under ASC 606. Due to the complexity of certain contracts, the actual revenue recognition treatment required under ASC 606 for the Companyâ€™s arrangements may be dependent on contract-specific terms and may vary in some instances.For revenue under project-based contracts for fixed-price services, revenue is recognized as services are performed using a percentage-of-completion method based on costs or labor-hours input method, whichever is the most appropriate measure of the progress towards completion of the contract. Due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex, subject to many variables and requires significant judgment. Key factors reviewed by the Company to estimate costs to complete each contract are future labor and product costs and expected productivity efficiencies. If circumstances arise that change the original estimates of revenues, costs, or extent of progress toward completion, revisions to the estimates are made. These revisions may result in increases or decreases in estimated revenues or costs, and such revisions are reflected in revenue on a cumulative catch-up basis in the period in which the circumstances that gave rise to the revision become known.The Companyâ€™s contracts with customers often include promises to transfer products, software licenses and provide services, including professional services, technical support services, and rights to unspecified updates to a customer. Determining whether licenses and services are distinct performance obligations that should be accounted for separately, or not distinct and thus accounted for together, requires significant judgment. The Company rarely licenses software on a standalone basis, so the Company is required to estimate the range of the SSPs for each performance obligation. In instances where the SSP is not directly observable because the Company does not license the software or sell the service separately, the Company determines the SSP using information that may include market conditions and other observable inputs. The Company is required to record Gainshare revenue in the same period in which the usage occurs. Because the Company generally does not receive the acknowledgment reports from its customers during a given quarter within the time frame necessary to adequately review the reports and include the actual amounts in quarterly results for such quarter, the Company accrues the related revenue based on estimates of customers underlying sales achievement. The Companyâ€™s estimation process can be based on historical data, trends, seasonality, changes in the contract rate, knowledge of the changes in the industry and changes in the customerâ€™s manufacturing environment learned through discussions with customers and sales personnel. As a result of accruing revenue for the quarter based on such estimates, adjustments will be required in the following quarter to true-up revenue to the actual amounts reported. Practical Expedient, Policy Practical ExpedientThe Company does not adjust the transaction price for the effects of a significant financing component when the period between the transfers of the promised good or service to the customer and payment for that good or service by the customer is expected to be oneÂ year or less. The Company assessed each of its revenue generating arrangements in order to determine whether a significant financing component exists, and determined its contracts did not include a significant financing component during theÂ three and six months ended June 30, 2024 and 2023. Accounts Receivable, Policy Accounts ReceivableAccounts receivable include amounts that are unbilled at the end of the period that are expected to be billed and collected within a 12-month period. Unbilled accounts receivable, included in accounts receivable, totaled $18.5 million and $16.4 million as of June 30, 2024, and DecemberÂ 31, 2023, respectively. Unbilled accounts receivable that are not expected to be billed and collected during the succeeding 12-month period are recorded in other non-current assets andÂ totaled $3.7Â million and $1.1Â million as of June 30, 2024, and DecemberÂ 31, 2023, respectively. Stock-Based Compensation, Policy Stock-based compensation is estimated at the grant date based on the awardâ€™s fair value and is recognized on a straight-line basis over the vesting periods, generally four years. Stock-based compensation expense before taxes related to the Companyâ€™sÂ stock planÂ and employee stock purchase planÂ was allocated as follows (in thousands):â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Costs of revenuesâ€‹$ 1,185â€‹$ 938â€‹$ 2,385â€‹$ 1,902Research and developmentâ€‹Â 2,063â€‹Â 1,619â€‹Â 4,265â€‹Â 3,413Selling, general, and administrativeâ€‹Â 2,452â€‹Â 2,121â€‹Â 5,160â€‹Â 4,247Stock-based compensation expenseâ€‹$ 5,700â€‹$ 4,678â€‹$ 11,810â€‹$ 9,562 Stock Incentive Plan, Policy The Company estimated the fair value of share-based awards granted under the 2011 Stock Plan during the period using the Black-Scholes-Merton option-pricing model. There were no stock options granted during the three and six months ended June 30, 2024 and 2023. Employee Stock Purchase Plan, Policy The Company estimated the fair value of purchase rights granted under the 2021 Purchase Plan during the period using the Black-Scholes-Merton option-pricing model with the following weighted average assumptions, resulting in the following weighted average fair values:â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹Six Months Ended JuneÂ 30,Â â€‹â€‹ â€‹2024Â Â Â Â â€‹2023â€‹Expected life (in years)â€‹â€‹ 1.25Â â€‹â€‹ 1.25â€‹Volatilityâ€‹â€‹ 41.40%Â Â â€‹â€‹ 46.70%Â Â Risk-free interest rateâ€‹â€‹ 4.62%Â Â â€‹â€‹ 4.48%Â Â Expected dividendâ€‹â€‹ â€”Â â€‹â€‹ â€”â€‹Weighted average fair value of purchase rights granted during the periodâ€‹$ 10.89â€‹â€‹$ 11.90â€‹ Earnings Per Share, Policy Basic net income per share is computed by dividing net income by the weighted average number of common shares outstanding for the period (excluding outstanding stock options, nonvested restricted stock units and shares subject to repurchase). Diluted net income per share is computed using the weighted average number of common shares outstanding for the period plus the potential effect of dilutive securities which are convertible into common shares (using the treasury stock method), except in cases in which the effect would be anti-dilutive. Fair Value Measurements, Policy Fair value is the exit price, or the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The multiple assumptions used to value financial instruments are referred to as inputs, and a hierarchy for inputs used in measuring fair value is established, that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs reflect assumptions market participants would use in pricing an asset or liability based on market data obtained from independent sources while unobservable inputs reflect a reporting entityâ€™s pricing based upon its own market assumptions. These inputs are ranked according to a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels.Level 1Â -Inputs are quoted prices in active markets for identical assets or liabilities.Â Â Level 2Â -Inputs are quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable and market-corroborated inputs which are derived principally from or corroborated by observable market data.Â Â Level 3Â -Inputs are derived from valuation techniques in which one or more significant inputs or value drivers are unobservable. Recent Accounting Standards, Policy RecentÂ Accounting StandardsIn November 2023, the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standards Update (â€œASUâ€) No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This ASU is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. Early adoption is permitted. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures.â€‹In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. This ASU is intended to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. It also includes certain other amendments to improve the effectiveness of income tax disclosures. The ASUâ€™s amendments are effective for public business entities for annual periods beginning after December 15, 2024. Entities are permitted to early adopt the standard for â€œannual financial statements that have not yet been issued or made available for issuance.â€ Adoption is either prospectively or retrospectively, the Company will adopt this ASU on a prospective basis. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures.Management has reviewed other recently issued accounting pronouncementsÂ issued or proposed by the FASB, and does not believe any of theseÂ accounting pronouncements has had or will have a material impact on the condensed consolidated financial statements. X - DefinitionDisclosure of accounting policy for costs to obtain or fulfill a contract. + ReferencesNo definition available. + Details Name: pdfs_CostsToObtainOrFulfillContractPolicyTextBlock Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for the disaggregation of revenues from contracts with customers. + ReferencesNo definition available. + Details Name: pdfs_DisaggregationOfRevenueFromContractsWithCustomersPolicyTextBlock Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for practical expedient usage when revenue generating arrangements contain significant financing components. + ReferencesNo definition available. + Details Name: pdfs_PracticalExpedientPolicyTextBlock Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for contract balances to maintain stemming from revenue earned from contracts with customers. + ReferencesNo definition available. + Details Name: pdfs_RevenueFromContractsWithCustomersContractBalancesPolicyTextBlock Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy where significant judgements are used to recognize revenues in accordance with ASC 606. Includes revenue from contract with customer and from other sources. + ReferencesNo definition available. + Details Name: pdfs_RevenueRecognitionSignificantJudgementsPolicyTextBlock Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for stock incentive plans offered under share-based payment arrangement. Includes, but is not limited to, methodology and assumption used in measuring cost. + ReferencesNo definition available. + Details Name: pdfs_StockIncentivePlanPolicy Namespace Prefix: pdfs_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any

antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2 + Details Name: us-gaap_EarningsPerSharePolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for ESOP transactions, including the method of measuring compensation, the classification of dividends on ESOP shares, and the treatment of ESOP shares for EPS computations. If the employer has both old ESOP shares for which it does not adopt new guidance and new ESOP shares for which new guidance is required, these disclosures are required for both blocks of shares. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 40 -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480489/718-40-50-1 + Details Name: us-gaap_EmployeeStockOwnershipPlanESOPPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for fair value measurements of financial and non-financial assets, liabilities and instruments classified in shareholders' equity. Disclosures include, but are not limited to, how an entity that manages a group of financial assets and liabilities on the basis of its net exposure measures the fair value of those assets and liabilities. + ReferencesNo definition available. + Details Name: us-gaap_FairValueMeasurementPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for revenue from contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-19Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 9: http://www.xbrl.org/2003/role/exampleRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (e) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 606 -Publisher FASB -URI https://asc.fasb.org/606/tableOfContent + Details Name: us-gaap_RevenueFromContractWithCustomerPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for award under share-based payment arrangement. Includes, but is not limited to, methodology and assumption used in measuring cost. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.C.Q3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.1.Q5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.3.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.2.Q6) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationOptionAndIncentivePlansPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for accounts receivable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-6Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481569/310-20-50-1Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-15Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-11B + Details Name: us-gaap_TradeAndOtherAccountsReceivablePolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 11 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-12Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-8 + Details Name: us-gaap_UseOfEstimates Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE FROM CONTRACTS WITH CUSTOMERS (Tables) 6 Months Ended Jun. 30, 2024 REVENUE FROM CONTRACTS WITH CUSTOMERS: Â Schedule of Disaggregated Revenues â€‹â€‹â€‹

following table summarizes the components of the Companyâ€™s net investments in sales-type leases in the condensed consolidated balance sheets (in thousands):â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Lease receivablesâ€‹$ 16,734â€‹$ 9,460Unguaranteed residual assetsâ€‹â€‹â€‹ 7,312â€‹â€‹â€‹ 4,717Net investments in sales-type leasesâ€‹â€‹â€‹ 24,046â€‹â€‹â€‹ 14,177Less: Current portion of lease receivables under prepaid expenses and other current assets â€‹â€‹â€‹ (4,041)â€‹â€‹â€‹ (1,981)Net investments in sales-type leases â€“ non-current Â $ 20,005â€‹$ 12,196 Schedule of Maturities of Payments to be Received Under Sales-type Leases â€‹â€‹â€‹â€‹â€‹â€‹Year Ending DecemberÂ 31,Â Â Â Â Â Amount2024 (remaining six months)â€‹$ 2,4782025Â â€‹ 8,0482026Â â€‹ 7,6722027Â â€‹ 2,7182028Â â€‹ 68Total future sales-type lease paymentsâ€‹â€‹â€‹ 20,984Less: Present value adjustment (a)â€‹â€‹Â (4,250)Present value of lease receivablesâ€‹$ 16,734(a)Calculated using the rate implicit in the lease determined for each lease. X - ReferencesNo definition available. + Details Name: us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of amortization expense of assets, excluding financial assets, that lack physical substance, having a limited useful life. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of maturity of undiscounted cash flows to be received on annual basis for sales-type and direct financing leases receivable. Includes, but is not limited to, reconciliation to lease receivable recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivableMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance with a finite life, by either major class or business segment. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of noncurrent assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the amount of amortization expense expected to be recorded in succeeding fiscal years for finite-lived intangible assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleofFiniteLivedIntangibleAssetsFutureAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R24.htm IDEA: XBRL DOCUMENT v3.24.2.u1 LEASES (Tables) 6 Months Ended Jun. 30, 2024 LEASES: Â Schedule of Lease Expense â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Operating lease expenseâ€‹$ 379â€‹$ 384â€‹$ 760â€‹$ 771Short-term lease and variable lease expense (1)â€‹â€‹Â 272â€‹â€‹Â 206â€‹â€‹Â 486â€‹â€‹Â 434Total lease expenseâ€‹$ 651â€‹$ 590â€‹$ 1,246â€‹$ 1,205(1)Leases with an initial term of 12Â months or less are not recorded on the accompanying condensed consolidated balance sheets, and the Company recognizes lease expense for these leases on a straight-line basis over the lease term. Variable lease expense for the periods presented primarily included common area maintenance charges. Schedule of Supplemental Operating Lease Information â€‹JuneÂ 30,Â â€‹DecemberÂ 31,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Weighted average remaining lease term under operating leases (in years)â€‹â€‹â€‹ 3.9â€‹â€‹â€‹ 4.4â€‹Weighted average discount rate for operating lease liabilitiesÂ â€‹ 5.02%Â Â â€‹ 4.96% Schedule of Maturities of Operating Lease Liabilities â€‹â€‹â€‹â€‹â€‹â€‹Year Ending DecemberÂ 31,Â Â Â Â Â Â Amount (1)2024 (remaining six months)â€‹$ 8752025Â â€‹ 1,6722026Â â€‹ 1,3712027Â â€‹ 1,2942028Â â€‹ 9292029Â â€‹ 63Total future minimum lease paymentsâ€‹â€‹â€‹ 6,204Less: Interest (2)â€‹â€‹Â (592)Present value of future minimum lease payments under operating lease liabilities (3)â€‹$ 5,612(1)As of June 30, 2024, the total operating lease liabilities include approximately $1.0Â million relatedÂ to an option to extend a lease term thatÂ is reasonably certain to be exercised.(2)Calculated using incremental borrowing interest rate for each lease.(3)Includes the current portion of operating lease liabilities of $1.6Â million as of June 30, 2024. X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of all information related to the key inputs and assumptions (including, at a minimum, but not limited to, and if applicable, quantitative information about discount rates, expected prepayments including the expected weighted-average life of prepayable financial assets, and anticipated credit losses) used in measuring the fair value of assets or liabilities that relate to the transferor's continuing involvement with transferred financial assets, as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4 + Details Name: us-gaap_ScheduleOfAssumptionsForFairValueAsOfBalanceSheetDateOfInterestsContinuedToBeHeldByTransferorServicingAssetsOrServicingLiabilitiesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R25.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS (Tables) 6 Months Ended Jun. 30, 2024 EMPLOYEE BENEFIT PLANS: Â Schedule of Employee Stock Purchase Plan, Black-Scholes-Merton Valuation Assumptions â€‹Six Months Ended JuneÂ 30,Â â€‹â€‹ â€‹2024Â Â Â Â â€‹2023â€‹Expected life (in years)â€‹â€‹ 1.25Â â€‹â€‹ 1.25â€‹Volatilityâ€‹â€‹ 41.40%Â Â â€‹â€‹ 46.70%Â Â Risk-free interest rateâ€‹â€‹ 4.62%Â Â â€‹â€‹ 4.48%Â Â Expected dividendâ€‹â€‹ â€”Â â€‹â€‹ â€”â€‹Weighted average fair value of purchase rights granted during the periodâ€‹$ 10.89â€‹â€‹â€‹$ 11.90â€‹ Schedule of Stock-Based Compensation Expenses â€‹Three Months Ended JuneÂ 30,Â â€‹Six Months Ended JuneÂ 30,Â â€‹Â Â Â Â 2024Â Â Â Â 2023Â Â Â Â 2024Â Â Â Â 2023Costs of revenuesâ€‹$ 1,185â€‹$ 938â€‹$ 2,385â€‹$ 1,902Research and developmentâ€‹â€‹Â 2,063â€‹â€‹Â 1,619â€‹â€‹Â 4,265â€‹â€‹Â 3,413Selling, general, and administrativeâ€‹â€‹Â 2,452â€‹â€‹Â 2,121â€‹â€‹Â 5,160â€‹â€‹Â 4,247Stock-based compensation expenseâ€‹â€‹â€‹$ 5,700â€‹â€‹â€‹$ 4,678â€‹â€‹â€‹$ 11,810â€‹â€‹â€‹$ 9,562 Schedule of Stock Option Activity â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹

Consolidated Revenues â€‹â€‹â€‹

1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of impairment loss for asset recognized from cost incurred to obtain or fulfill contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostImpairmentLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer; classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer; classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostNetNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_PrepaidExpensesAndOtherCurrentAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherNoncurrentAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 46 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE FROM CONTRACTS WITH CUSTOMERS - Additional Information (Details) - Software License and Related Services Agreement - Advantest America, Inc. - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Revenue performance obligations satisfied in previous period $ (0.3) $ 1.3 $ (1.1) $ 3.2 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]: 2024-07-01 Â Â Â Â Revenue, remaining performance obligation $ 243.2 Â $ 243.2 Â More than half of the remaining performance obligations 2 years Â 2 years Â X - DefinitionAmount of revenue recognized from performance obligation satisfied or partially satisfied in previous reporting periods. Includes, but is not limited to, change in transaction price. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12A + Details Name: us-gaap_ContractWithCustomerPerformanceObligationSatisfiedInPreviousPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of transaction price allocated to performance obligation that has not been recognized as revenue. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPeriod in which remaining performance obligation is expected to be recognized as revenue, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: srt_ProductOrServiceAxis=pdfs_SoftwareLicenseAndRelatedServicesAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_AdvantestAmericaInc Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis=2024-07-01 Namespace Prefix: Data Type: na Balance Type: Period Type: XML 47 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS (Details) - USD ($) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Unbilled receivables - non-current $ 3,654,000 Â $ 3,654,000 Â $ 1,069,000 Goodwill, carrying amount 14,996,000 Â $ 14,996,000 Â 15,029,000 Intangible assets, amortization period Â Â 4 years 9 months 18 days Â Â Impairment of goodwill 0 $ 0 $ 0 $ 0 Â Allowance for credit loss on sales-type lease receivables 0 Â 0 Â 0 Accounts Receivable Â Â Â Â Â Unbilled receivables 18,500,000 Â 18,500,000 Â 16,400,000 Other Non-current Assets Â Â Â Â Â Unbilled receivables - non-current 3,700,000 Â 3,700,000 Â $ 1,100,000 DFI Test Equipment Â Â Â Â Â Depreciation and amortization $ 1,100,000 $ 1,200,000 $ 2,100,000 $ 2,500,000 Â X - DefinitionWeighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of impairment loss from asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-2 + Details Name: us-gaap_GoodwillImpairmentLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of allowance for credit loss on net investment in sales-type lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13 + Details Name: us-gaap_SalesTypeLeaseNetInvestmentInLeaseAllowanceForCreditLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount received for services rendered and products shipped, but not yet billed, for non-contractual agreements due within one year or the normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_UnbilledReceivablesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of receivables under long-term contracts that have not been billed and were not billable that are expected to be collected after the next fiscal year. Excludes interim and annual periods when interim periods are reported on a rolling approach, from latest balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(c)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_UnbilledReceivablesNotBillableAtBalanceSheetDateAmountExpectedToBeCollectedAfterOneYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherNoncurrentAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=pdfs_DFITestEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 48 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Property and Equipment (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Property, Plant and Equipment, Gross $ 88,197 $ 86,863 Less: accumulated depreciation and amortization (47,490) (49,525) Total property and equipment 40,707 37,338 Computer Equipment Â Â Property, Plant and Equipment, Gross 12,032 12,515 Software Â Â Property, Plant and Equipment, Gross 5,628 5,596 Furniture, Fixtures, and Equipment Â Â Property, Plant and Equipment, Gross 2,527 2,501 Leasehold Improvements Â Â Property, Plant and Equipment, Gross 6,606 6,475 Laboratory and Other Equipment Â Â Property, Plant and Equipment, Gross 5,457 4,891 Test Equipment Â Â Property, Plant and Equipment, Gross 26,286 25,044 DFI System Assets Â Â Property, Plant and Equipment, Gross 22,638 22,864 CV System and Other Assets Â Â Property, Plant and Equipment, Gross $ 7,023 $ 6,977 X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_ComputerEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_SoftwareAndSoftwareDevelopmentCostsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_FurnitureAndFixturesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_LeaseholdImprovementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-

gaap_PropertyPlantAndEquipmentByTypeAxis=pdfs_LaboratoryAndTestEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=pdfs_TestEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=pdfs_InProgressDfiSystemAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=pdfs_InProgressCvSystemAndOtherAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R37.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Intangible Assets (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Intangible assets, amortization period Â Â 4 years 9 months 18 days Â Â Intangible assets, gross carrying amount, total $ 48,665 Â $ 48,665 Â $ 48,704 Intangible assets, accumulated amortization, total (34,768) Â (34,768) Â (33,084) Intangible assets, net carrying amount, total 13,897 Â 13,897 Â 15,620 Total amortization of acquired intangible assets 843 $ 879 1,686 $ 1,757 Â Customer Relationships Â Â Â Â Â Intangible assets, gross carrying amount, total 9,504 Â 9,504 Â 9,508 Intangible assets, accumulated amortization, total (7,664) Â (7,664) Â (7,335) Intangible assets, net carrying amount, total 1,840 Â $ 1,840 Â 2,173 Customer Relationships | Minimum Â Â Â Â Â Amortization Period (Year) Â Â 1 year Â Â Customer Relationships | Maximum Â Â Â Â Â Amortization Period (Year) Â Â 10 years Â Â Developed Technology Â Â Â Â Â Intangible assets, gross carrying amount, total 34,615 Â $ 34,615 Â 34,650 Intangible assets, accumulated amortization, total (23,351) Â (23,351) Â (22,094) Intangible assets, net carrying amount, total 11,264 Â $ 11,264 Â 12,556 Developed Technology | Minimum Â Â Â Â Â Amortization Period (Year) Â Â 4 years Â Â Developed Technology | Maximum Â Â Â Â Â Amortization Period (Year) Â Â 9 years Â Â Tradename and Trademarks Â Â Â Â Â Intangible assets, gross carrying amount, total 1,598 Â $ 1,598 Â 1,598 Intangible assets, accumulated amortization, total (1,079) Â (1,079) Â (1,025) Intangible assets, net carrying amount, total 519 Â $ 519 Â 573 Tradename and Trademarks | Minimum Â Â Â Â Â Amortization Period (Year) Â Â 2 years Â Â Tradename and Trademarks | Maximum Â Â Â Â Â Amortization Period (Year) Â Â 10 years Â Â Patent Â Â Â Â Â Intangible assets, gross carrying amount, total 2,100 Â $ 2,100 Â 2,100 Intangible assets, accumulated amortization, total (1,826) Â (1,826) Â (1,782) Intangible assets, net carrying amount, total 274 Â $ 274 Â 318 Patent | Minimum Â Â Â Â Â Amortization Period (Year) Â Â 6 years Â Â Patent | Maximum Â Â Â Â Â Amortization Period (Year) Â Â 10 years Â Â Noncompetition Agreements Â Â Â Â Â Amortization Period (Year) Â Â 3 years Â Â Intangible assets, gross carrying amount, total 848 Â $ 848 Â 848 Intangible assets, accumulated amortization, total (848) Â (848) Â $ (848) Costs of Revenues Â Â Â Â Â Amortization of acquired technology included under Costs of revenues 584 553 1,168 1,106 Â Costs and Expenses Â Â Â Â Â Amortization of acquired intangible assets presented separately under costs and expenses $ 259 $ 326 $ 518 $ 651 Â X - DefinitionThe total expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesNo definition available. + Details Name: pdfs_AmortizationOfAcquiredIntangibleAssetsNet Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. + ReferencesNo definition available. + Details Name: pdfs_AmortizationOfAcquiredIntangibleAssetsPresentedInIncomeStatement Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense charged against earnings to allocate the cost of technology-based intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesNo definition available. + Details Name: pdfs_AmortizationOfAcquiredIntangibleAssetsTechnology Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: pdfs_AmortizationPeriodOfIntangibleAssets Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksAndTradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_NoncompeteAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=pdfs_CostsAndExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 50 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Annual Amortization of Identifiable Intangible Assets (Details) $ in Thousands Jun. 30, 2024 USD ($) BALANCE SHEET COMPONENTS Â 2024 (remaining six months) $ 1,546 2025 3,067 2026 2,898 2027 2,745 2028 2,439 2029 and thereafter 1,202 Total future amortization expense $ 13,897 X - DefinitionAmount of amortization for asset, excluding financial asset and goodwill, lacking physical substance with finite life expected to be recognized after fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesNo definition available. + Details Name: pdfs_FinitelivedIntangibleAssetExpectedAmortizationAfterYearFour Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNet carrying amount of intangible assets, which will be amortized over a set period of time. + ReferencesNo definition available. + Details Name: pdfs_IntangibleAssetsNetAmountToBeAmortized Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in remainder of current fiscal year. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 51 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Other Non-current Assets (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 BALANCE SHEET COMPONENTS Â Â Costs capitalized to obtain revenue contracts - non-current (1) $ 3,273 $ 2,587 Unbilled accounts receivable - non-current (2) 3,654 1,069 Contract assets - non-current (1) 699 933 Net investment in sales-type leases - non-current (3) 20,005 12,196 Deposits and other non-current prepaid expenses 2,907 2,433 Other non-current assets $ 30,538 $ 19,218 X - ReferencesNo definition available. + Details Name: us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer; classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostNetNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerAssetNetNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of amounts paid in advance which will be charged against earnings in periods after one year or beyond the operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseOtherNoncurrent

Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of net investment in sales-type lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 30 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479016/842-30-45-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -SubTopic 30 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479016/842-30-45-2 + Details Name: us-gaap_SalesTypeLeaseNetInvestmentInLeaseAfterAllowanceForCreditLossNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of receivables under long-term contracts that have not been billed and were not billable that are expected to be collected after the next fiscal year. Excludes interim and annual periods when interim periods are reported on a rolling approach, from latest balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(c)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_UnbilledReceivablesNotBillableAtBalanceSheetDateAmountExpectedToBeCollectedAfterOneYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 52 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Net Investment in Sales-type Leases (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 BALANCE SHEET COMPONENTS Â Â Lease receivables $ 16,734 $ 9,460 Unguaranteed residual assets 7,312 4,717 Net investment in sales-type leases 24,046 14,177 Less: Current portion of lease receivables under prepaid expenses and other current assets (4,041) (1,981) Net investment in sales-type leases, non-current $ 20,005 $ 12,196 X - DefinitionCurrent portion of net investment in sales-type lease receivables. + ReferencesNo definition available. + Details Name: pdfs_CurrentPortionOfSalesTypeLeaseReceivables Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lease payments not yet received by lessor and amount expected to be derived from underlying asset, following end of lease term guaranteed by lessee or other third party unrelated to lessor, from sales-type lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-6 + Details Name: us-gaap_SalesTypeLeaseLeaseReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, before allowance for credit loss, of net investment in sales-type lease. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-7AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-14Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-6 + Details Name: us-gaap_SalesTypeLeaseNetInvestmentInLease Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of net investment in sales-type lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 30 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479016/842-30-45-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -SubTopic 30 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479016/842-30-45-2 + Details Name: us-gaap_SalesTypeLeaseNetInvestmentInLeaseAfterAllowanceForCreditLossNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value expected to be derived from underlying asset following end of lease term not guaranteed by lessee or other third party unrelated to lessor. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-6 + Details Name: us-gaap_SalesTypeLeaseUnguaranteedResidualAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 53 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 BALANCE SHEET COMPONENTS - Maturities of Lease Payments Under Sales-type Leases (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 BALANCE SHEET COMPONENTS Â Â 2024 (remaining six months) $ 2,478 Â 2025 8,048 Â 2026 7,672 Â 2027 2,718 Â 2028 68 Â Total future sales-type lease payments 20,984 Â Less: Present value adjustment (1) (4,250) Â Present value of lease receivables $ 16,734 $ 9,460 X - DefinitionPresent value adjustment amount on net investment in sales-type and direct financing leases. + ReferencesNo definition available. + Details Name: pdfs_NetInvestmentInLeasePresentValueAdjustment Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceived Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceivedFiveYears Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceivedFourYears Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceivedNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceivedThreeYears Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of undiscounted cash flows to be received by lessor for sales-type and direct financing leases in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-10 + Details Name: us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceivedTwoYears Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value of lease payments not yet received by lessor and amount expected to be derived from underlying asset, following end of lease term guaranteed by lessee or other third party unrelated to lessor, from sales-type lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-6 + Details Name: us-gaap_SalesTypeLeaseLeaseReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 54 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 LEASES (Details) 6 Months Ended Jun. 30, 2024 Dec. 31, 2023 Number of finance leases 0 0 Weighted average remaining lease term under operating leases (in years) 3 years 10 months 24 days 4 years 4 months 24 days Weighted average discount rate for operating lease liabilities 5.02% 4.96% Minimum Â Â Initial lease term, threshold to be recorded in accompanying condensed consolidated balance sheets 12 months Â X - DefinitionInitial term of operating leases, threshold for determining whether the lease is recorded on the accompanying condensed consolidated balance sheets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: pdfs_LesseeOperatingLeaseInitialTermOfContractThreshold Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of finance leases as of balance sheet date. + ReferencesNo definition available. + Details Name: pdfs_NumberOfFinanceLeases Namespace Prefix: pdfs_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 LEASES - Components of Operating Lease Expense (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 LEASES: Â Â Â Â Operating lease expense $ 379 $ 384 $ 760 $ 771 Short-term lease and variable lease expense (1) 272 206 486 434 Total lease expense $ 651 $ 590 $ 1,246 $ 1,205 X - DefinitionAmount of short-term lease cost, excluding expense for lease with term of one month or less and amount of variable lease cost, excluded from lease liability, recognized when obligation for payment is incurred for finance and operating leases. + ReferencesNo definition available. + Details Name: pdfs_ShorttermAndVariableLeaseCost Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of lease cost recognized by lessee for lease contract. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 56 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 LEASES - Maturity of Operating Lease Liabilities (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 LEASES: Â Â 2024 (remaining six months) $ 875 Â 2025 1,672 Â 2026 1,371 Â 2027 1,294 Â 2028 929 Â 2029 63 Â Total future minimum lease payments 6,204 Â Less: Interest (2) (592) Â Present value of future minimum lease payments under operating lease liabilities (3) 5,612 Â Operating lease liability, amount related to extension of lease term 1,000 Â Operating lease liability - current portion $ 1,609 $ 1,529 X - DefinitionAmount of lessee's accrued interest on principal balance of operating leases, which is netted against total future lease payments in determining the present value of the company's future minimum operating lease payments. + ReferencesNo definition available. + Details Name: pdfs_OperatingLeaseLiabilityAccruedInterest Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of the operating lease liability related to an option to extend the lease term that is reasonably certain to be exercised. + ReferencesNo definition available. + Details Name: pdfs_OperatingLeaseLiabilityAmountRelatedToExtensionOfLeaseTerm Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease due after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive Namespace Prefix: us-gaap_ Data Type:

xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 57 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDERS EQUITY (Details) - USD ($) $ / shares in Units, $ in Millions 6 Months Ended 27 Months Ended Apr. 15, 2024 Apr. 11, 2022 Jun. 30, 2024 Jun. 30, 2024 2022 Stock Repurchase Program Â Â Â Â Stock Repurchase Program, Authorized Amount Â $ 35.0 Â Â Stock Repurchase Program, Period in Force (Year) Â 2 years Â Â Repurchase of common stock (shares) Â Â 201,561 937,501 Repurchase of common stock, weighted-average price per share Â Â $ 34.23 $ 25.96 Repurchases of common stock, cost Â Â $ 6.9 $ 24.3 2024 Stock Repurchase Program Â Â Â Â Stock Repurchase Program, Authorized Amount $ 40.0 Â Â Â Stock Repurchase Program, Period in Force (Year) 2 years Â Â Â X - DefinitionThe cash value of reacquired common shares during the period. + ReferencesNo definition available. + Details Name: pdfs_RepurchasesOfCommonStockCost Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount authorized for purchase of share under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 505 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481520/505-30-50-4 + Details Name: srt_StockRepurchaseProgramAuthorizedAmount1 Namespace Prefix: srt_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFinal price paid per share for the purchase of the targeted number of shares, determined by an average market price over a fixed period of time. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 30 -Name Accounting Standards Codification -Section 25 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481138/505-30-25-5 + Details Name: us-gaap_AcceleratedShareRepurchasesFinalPricePaidPerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionPeriod share may be purchased under authorized share repurchase plan, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesNo definition available. + Details Name: us-gaap_StockRepurchaseProgramPeriodInForce1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares that have been repurchased during the period and have not been retired and are not held in treasury. Some state laws may govern the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedDuringPeriodShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: srt_ShareRepurchaseProgramAxis=pdfs_StockRepurchaseProgram2022Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ShareRepurchaseProgramAxis=pdfs_StockRepurchaseProgram2024Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS - Narrative (Details) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended 6 Months Ended 35 Months Ended Nov. 16, 2011 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Stock option vesting period Â Â Â 4 years Â Â Common Stock, Closing Share Price Â $ 36.38 Â $ 36.38 Â $ 36.38 Restricted Stock Units (RSUs) Â Â Â Â Â Â Unrecognized Compensation Â $ 36,800 Â $ 36,800 Â $ 36,800 Unrecognized Compensation Recognition Period Â Â Â 2 years 2 months 12 days Â Â Fair value of restricted stock units vested Â Â Â $ 12,833 $ 14,933 Â Expired Stock Incentive Plans | Maximum Â Â Â Â Â Â Stock Incentive Plans, Common Shares Reserved for Future Issuance 3,500,000 Â Â Â Â Â 2011 Stock Incentive Plan Â Â Â Â Â Â Stock Incentive Plans, Common Shares Reserved for Future Issuance Â 14,600,000 Â 14,600,000 Â 14,600,000 Stock Incentive Plans, Common Shares Reserved for Future Issuance from Expired Incentive Plans Â 500,000 Â 500,000 Â 500,000 Aggregate Common Shares Reserved to Cover Stock-based Awards Under the 2011 Plan Â 15,100,000 Â 15,100,000 Â 15,100,000 Stock Incentive Plans, Shares Available for Future Grant Â 4,500,000 Â 4,500,000 Â 4,500,000 Stock Incentive Plans, Stock Options and Awards Granted Â Â Â 0 0 Â 2011 Stock Incentive Plan | Employee Stock Option Â Â Â Â Â Â Stock Incentive Plans, Rate Decrease in Reserved Plan-Shares Pursuant to Awards Other Than Options or SARs 1.33 Â Â Â Â Â Â Stock Option Expiration Period 10 years Â Â Â Â Â Â Stock option vesting period 4 years Â Â Â Â Â 2021 Employee Stock Purchase Plan Â Â Â Â Â Â Eligible Employee Contribution Rate, Percentage of Compensation Â 10.00% Â 10.00% Â 10.00% Eligible Employee Share Purchase Price, Percentage of Fair Market Value Â Â Â Â Â 85.00% ESPP, Share Offering Period Duration Â Â Â Â Â 24 months ESPP, Share Purchase Periods Within Each Offering Period Â Â Â Â Â 4 ESPP, Share Purchase Period Duration Â Â Â Â Â 6 months Shares Issued During Period Â 0 0 73,854 98,216 Â Weighted Average Purchase Price Â Â Â $ 25.94 $ 16.93 Â Unrecognized Compensation Â $ 2,400 Â $ 2,400 Â $ 2,400 Unrecognized Compensation Recognition Period Â Â Â 1 year 7 months 6 days Â Â Capital Shares Reserved for Future Issuance Â 720,455 Â 720,455 Â 720,455 X - DefinitionAggregate number of common shares retained for future issuance under expired stock incentive plans. + ReferencesNo definition available. + Details Name: pdfs_ExpiredStockIncentivePlansCommonSharesRetainedForFutureIssuance Namespace Prefix: pdfs_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of six month purchase periods in each offering period under the employee stock plan. + ReferencesNo definition available. + Details Name: pdfs_NumberOfSixMonthPurchasePeriodsInEachOfferingPeriod Namespace Prefix: pdfs_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionPeriod from grant date that an equity-based award is offered, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: pdfs_ShareBasedCompensationArrangementByShareBasedPaymentAwardOfferingPeriod Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionLength of purchase periods within each offering period under employee stock purchase plans, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: pdfs_ShareBasedCompensationArrangementByShareBasedPaymentAwardPurchasePeriod Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe reduction rate in the number of shares reserved under the option plan attributable to awards other than options or stock appreciation rights. + ReferencesNo definition available. + Details Name: pdfs_ShareBasedCompensationArrangementByShareBasedPaymentAwardSharesReservedDecreaseRate Namespace Prefix: pdfs_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAggregate common shares reserved to cover stock-based awards under the 2011 Plan. + ReferencesNo definition available. + Details Name: pdfs_StockIncentivePlansAggregateSharesReservedToCoverStockBasedAwardsUnderExpiredPlans Namespace Prefix: pdfs_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate number of common shares reserved for future issuance. + ReferencesNo definition available. + Details Name: pdfs_StockIncentivePlansCommonSharesReservedForFutureIssuance Namespace Prefix: pdfs_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate number of common shares reserved for future issuance. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockCapitalSharesReservedForFutureIssuance Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount of cost not yet recognized for nonvested award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average purchase price of capital shares purchased through an employee stock ownership plan. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeStockOwnershipPlanESOPWeightedAveragePurchasePriceOfSharesPurchased Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionPeriod over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe highest percentage of annual salary that an employee is permitted to utilize with respect to the plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardMaximumEmployeeSubscriptionRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionGross number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionPeriod from grant date that an equity-based award expires, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionFair value of options vested. Excludes equity instruments other than options, for example, but not limited to, share units, stock appreciation rights, restricted stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedInPeriodFairValue1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPurchase price of common stock expressed as a percentage of its fair value. + ReferencesNo definition available. + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardPurchasePriceOfCommonStockPercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of capital stock issued (purchased by employees) in connection with an employee stock ownership plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -

SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 40 -Section 25 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480637/718-40-25-10 + Details Name: us-gaap_StockIssuedDuringPeriodSharesEmployeeStockOwnershipPlan Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=pdfs_ExpiredStockPlansMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=pdfs_IncentivePlanYear2011Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=pdfs_PurchasePlanYear2021Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 59 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS - Valuation Assumptions for ESPP (Details) - 2021 Employee Stock Purchase Plan - $ / shares 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Expected life (in years) 1 year 3 months 1 year 3 months Volatility 41.40% 46.70% Risk-free interest rate 4.62% 4.48% Expected dividend 0.00% 0.00% Weighted average fair value of purchase rights granted during the period $ 10.89 $ 11.90 X - DefinitionThe estimated dividend rate (a percentage of the share price) to be paid (expected dividends) to holders of the underlying shares over the option's term. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedDividendRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe estimated measure of the percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average grant-date fair value of options granted during the reporting period as calculated by applying the disclosed option pricing methodology. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionExpected term of award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_PlanNameAxis=pdfs_PurchasePlanYear2021Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS - Allocation of Recognized Period Costs (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Share-Based Payment Arrangement, Expense $ 5,700 $ 4,678 $ 11,810 $ 9,562 Costs of Revenues Â Â Â Â Share-Based Payment Arrangement, Expense 1,185 938 2,385 1,902 Research and Development Â Â Â Â Share-Based Payment Arrangement, Expense 2,063 1,619 4,265 3,413 Selling, General, and Administrative Â Â Â Â Share-Based Payment Arrangement, Expense $ 2,452 $ 2,121 $ 5,160 $ 4,247 X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 61 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS - Stock Options Activity (Details) - Employee Benefit Plans $ / shares in Units, shares in Thousands, $ in Thousands 6 Months Ended Jun. 30, 2024 USD ($) $ / shares shares Jun. 30, 2023 USD ($) Options Outstanding, Beginning Balance | shares 38 Â Options Exercised | shares (5) Â Options Outstanding, Ending Balance | shares 33 Â Options Vested and Expected to Vest | shares 33 Â Options Exercisable | shares 33 Â Options Outstanding, Weighted Average Exercise Price, Beginning Balance | $ / shares $ 15.92 Â Options Exercised, Weighted Average Exercise Price | $ / shares 16.57 Â Options Outstanding, Weighted Average Exercise Price, Ending Balance | $ / shares 15.81 Â Options Vested and Expected to Vest, Weighted Average Exercise Price | $ / shares 15.81 Â Options Exercisable, Weighted Average Exercise Price | $ / shares $ 15.79 Â Options Outstanding, Weighted Average Remaining Contractual Term 3 years 7 months 17 days Â Options Vested and Expected to Vest, Weighted Average Remaining Contractual Term 3 years 7 months 17 days Â Options Exercisable, Weighted Average Remaining Contractual Term 3 years 7 months 13 days Â Options Outstanding, Aggregate Intrinsic Value | $ $ 671 Â Options Vested and Expected to Vest, Aggregate Intrinsic Value | $ 671 Â Options Exercisable, Aggregate Intrinsic Value | $ 669 Â Intrinsic value of options exercised | $ $ 99 $ 583 X - DefinitionThe number of shares into which fully or partially vested stock options outstanding as of the balance sheet date can be currently converted under the option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe weighted-average price as of the balance sheet date at which grantees can acquire the shares reserved for issuance on vested portions of options outstanding and currently exercisable under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionAmount of accumulated difference between fair value of underlying shares on dates of exercise and exercise price on options exercised (or share units converted) into shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisesInPeriodTotalIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount by which the current fair value of the underlying stock exceeds the exercise price of options outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of fully vested and expected to vest options outstanding that can be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which option holders acquired shares when converting their stock options into shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExercisesInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAmount of difference between fair value of the underlying shares reserved for issuance and exercise price of vested portions of options outstanding and currently exercisable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableIntrinsicValue1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted average remaining contractual term for vested portions of options outstanding and currently exercisable or convertible, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for option awards outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest options outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -

Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_EmployeeStockOwnershipPlanESOPDisclosuresByPlanAxis=pdfs_EmployeeStockPurchasePlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 62 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 EMPLOYEE BENEFIT PLANS - Nonvested Restricted Stock Units Activity (Details) - Restricted Stock Units (RSUs) - $ / shares shares in Thousands 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Non-vested RSUs, Opening Balance 1,995 Â RSUs Granted 53 Â RSUs Vested (396) Â RSUs Forfeited (28) Â Non-vested RSUs, Ending Balance 1,624 Â Non-vested RSUs Opening, Weighted Average Grant Date Fair Value $ 30.03 Â RSUs Granted, Weighted Average Grant Date Fair Value 33.63 $ 37.53 RSUs Vested, Weighted Average Grant Date Fair Value 26.99 Â RSUs Forfeited, Weighted Average Grant Date Fair Value 29.56 Â Non-vested RSUs Ending, Weighted Average Grant Date Fair Value $ 30.90 Â X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INCOME TAXES - Narrative (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 INCOME TAXES: Â Â Â Â Â Increase (Decrease) in Income Taxes Â Â $ 3,700 Â Â Income Tax Expense (Benefit) $ 38 $ (3,888) $ 163 $ (3,498) Â Effective Income Tax Rate Reconciliation, Percent Â Â 11.10% (94.70%) Â Unrecognized tax benefits, excluding interest and penalties 15,900 Â $ 15,900 Â $ 15,900 Unrecognized tax benefits that would impact effective tax rate 1,800 Â 1,800 Â 2,000 Unrecognized tax benefits including income tax penalties and interest accrued in long term liabilities 2,300 Â 2,300 Â Â Unrecognized tax benefits, interest accrued 500 Â 500 Â Â Unrecognized Tax Benefits In Deferred Tax Assets 14,100 Â 14,100 Â Â Deferred Tax Assets, Valuation Allowance $ 64,200 Â $ 64,200 Â $ 64,200 X - DefinitionUnrecognized tax benefits in deferred tax assets. + ReferencesNo definition available. + Details Name: pdfs_UnrecognizedTaxBenefitsInDeferredTaxAssets Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount accrued for interest on an underpayment of income taxes and penalties related to a tax position claimed or expected to be claimed in the tax return which have been recorded as part of the long-term liabilities in the balance sheet. + ReferencesNo definition available. + Details Name: pdfs_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAndInterestAccruedInLongTermLiabilities Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of deferred tax assets for which it is more likely than not that a tax benefit will not be realized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-2 + Details Name: us-gaap_DeferredTaxAssetsValuationAllowance Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the amounts payable to taxing authorities for taxes that are based on the reporting entity's earnings, net of amounts receivable from taxing authorities for refunds of overpayments or recoveries of income taxes, and in deferred and other tax liabilities and assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInIncomeTaxes Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of unrecognized tax benefits. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 217 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-217Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-10B + Details Name: us-gaap_UnrecognizedTaxBenefits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount accrued for interest on an underpayment of income taxes and penalties related to a tax position claimed or expected to be claimed in the tax return. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 217 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-217Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15 + Details Name: us-gaap_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAndInterestAccrued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe total amount of unrecognized tax benefits that, if recognized, would affect the effective tax rate. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 217 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-217Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15A + Details Name: us-gaap_UnrecognizedTaxBenefitsThatWouldImpactEffectiveTaxRate Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 64 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME (LOSS) PER SHARE - Calculation of Earnings Per Share (Details) - USD ($) $ / shares in Units, shares in Thousands, $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 NET INCOME (LOSS) PER SHARE: Â Â Â Â Net income $ 1,705 $ 6,835 $ 1,312 $ 7,190 Basic weighted average shares outstanding 38,619 37,859 38,456 37,799 Effect of dilutive stock options, unvested restricted stock units, and shares of common stock expected to be issued under Employee Purchase Plan 513 1,217 533 1,169 Diluted weighted average shares outstanding 39,132 39,076 38,989 38,968 Basic $ 0.04 $ 0.18 $ 0.03 $ 0.19 Diluted $ 0.04 $ 0.17 $ 0.03 $ 0.18 X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -

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https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: 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-Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 65 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME (LOSS) PER SHARE - Anti-dilutive Securities (Details) - shares shares in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Antidilutive securities excluded from EPS 556 12 571 10 Non-vested Restricted Stock Units Â Â Â Â Antidilutive securities excluded from EPS 556 12 571 10 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CUSTOMER AND GEOGRAPHIC INFORMATION - Other (Details) 6 Months Ended Jun. 30, 2024 CUSTOMER AND GEOGRAPHIC INFORMATION: Â Number of operating segments 1 Number of Reportable Segments 1 X - DefinitionNumber of operating segments. An operating segment is a component of an enterprise: (a) that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the same enterprise), (b) whose operating results are regularly reviewed by the enterprise's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and (c) for which discrete financial information is available. An operating segment may engage in business activities for which it has yet to earn revenues, for example, start-up operations may be operating segments before earning revenues. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic

10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfOperatingSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionNumber of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RisksAndUncertaintiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 67 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CUSTOMER AND GEOGRAPHIC INFORMATION - Revenue Percentage by Major Customers (Details) - Customer Concentration Risk 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Revenue Benchmark | Customer A Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) 24.00% 33.00% 23.00% 36.00% Â Revenue Benchmark | Customer B Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) Â Â 14.00% Â Â Accounts Receivable | Customer A Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) Â Â 27.00% Â 39.00% Accounts Receivable | Customer C Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) Â Â 14.00% Â Â Accounts Receivable | Customer D Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) Â Â Â Â 11.00% Accounts Receivable | Customer E Â Â Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Â Â Significant customer concentration (percentage) Â Â 17.00% Â Â X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_RevenuesFromExternalCustomersAndLongLivedAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_CustomerAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_CustomerBMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_CustomerCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_CustomerDMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=pdfs_CustomerEMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 68 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CUSTOMER AND GEOGRAPHIC INFORMATION - Revenues by Geographic Area (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 41,661 $ 41,601 $ 82,971 $ 82,360 Geographic Concentration Risk | Revenue Benchmark Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 41,661 $ 41,601 $ 82,971 $ 82,360 Percentage of Revenues 100.00% 100.00% 100.00% 100.00% Geographic Concentration Risk | Revenue Benchmark | United States Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 19,223 $ 22,339 $ 36,956 $ 45,613 Percentage of Revenues 46.00% 54.00% 45.00% 55.00% Geographic Concentration Risk | Revenue Benchmark | China Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 7,000 $ 7,421 $ 11,853 $ 14,378 Percentage of Revenues 17.00% 18.00% 14.00% 18.00% Geographic Concentration Risk | Revenue Benchmark | JAPAN Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 7,932 $ 2,593 $ 19,220 $ 4,870 Percentage of Revenues 19.00% 6.00% 23.00% 6.00% Geographic Concentration Risk | Revenue Benchmark | Rest of the World Â Â Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Â Â Revenues $ 7,506 $ 9,248 $ 14,942 $ 17,499 Percentage of Revenues 18.00% 22.00% 18.00% 21.00% X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_RevenuesFromExternalCustomersAndLongLivedAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_GeographicConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_CN Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_JP Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=pdfs_RestOfTheWorldMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CUSTOMER AND GEOGRAPHIC INFORMATION - Long-lived Assets by Geographic Area (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Long-lived assets, net $ 52,443 $ 46,981 United States Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Long-lived assets, net 50,828 45,619 Rest of the World Â Â Revenues from External Customers and Long-Lived Assets [Line Items] Â Â Long-lived assets, net $ 1,615 $ 1,362 X - DefinitionLong-lived assets other than financial instruments, long-term customer relationships of a financial institution, mortgage and other servicing rights, deferred policy acquisition costs, and deferred tax assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41 + Details Name: us-gaap_NoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_RevenuesFromExternalCustomersAndLongLivedAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=pdfs_RestOfTheWorldMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS - Assets Measured on a Recurring Basis (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Assets measured at fair value, total $ 101,347 $ 120,354 Quoted Prices in Active Markets for Identical Assets (level 1) Â Â Assets measured at fair value, total 101,347 120,354 Money Market Mutual Funds Â Â Cash equivalents 75,459 83,810 Money Market Mutual Funds | Quoted Prices in Active Markets for Identical Assets (level 1) Â Â Cash equivalents 75,459 83,810 U.S. Government Securities Â Â Short-term investments (available-for-sale debt securities) 25,888 36,544 U.S. Government Securities | Quoted Prices in Active Markets for Identical Assets (level 1) Â Â Short-term investments (available-for-sale debt securities) $ 25,888 $ 36,544 X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_CashAndCashEquivalentsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of other assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic

820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_OtherAssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByAssetClassAxis=us-gaap_MoneyMarketFundsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByAssetClassAxis=us-gaap_USGovernmentCorporationsAndAgenciesSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 71 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 COMMITMENTS AND CONTINGENCIES (Details) $ in Thousands 6 Months Ended Jun. 30, 2024 USD ($) Future Lease payments $ 6,204 Indemnifications Â Term of Product Warranty 90 days Purchase Obligations Â Purchase Obligation, Total $ 24,500 Period over which the majority of purchase obligations become due 12 months X - DefinitionRepresents information pertaining to product warranty period following initial delivery. + ReferencesNo definition available. + Details Name: pdfs_TermOfProductWarranty Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThreshold payment period for majority of purchase obligation. + ReferencesNo definition available. + Details Name: pdfs_ThresholdPaymentPeriodOfMajorityOfPurchaseObligation Namespace Prefix: pdfs_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMinimum amount of purchase arrangement in which the entity has agreed to expend funds to procure goods or services from a supplier. + ReferencesNo definition available. + Details Name: us-gaap_PurchaseObligation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: srt_StatementScenarioAxis=pdfs_IndemnificationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=pdfs_PurchaseObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 72 R60.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS (Details) - Advantest America, Inc. - USD ($) $ in Millions 1 Months Ended 3 Months Ended 6 Months Ended Jul. 31, 2020 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Related party receivables Â $ 10.5 Â $ 10.5 Â Â Analytics Â Â Â Â Related party revenue Â 3.0 $ 1.8 5.9 $ 3.6 Â Related party deferred revenue Â $ 14.5 Â $ 14.5 Â $ 9.4 Securities Purchase Agreement Â Â Â Â Â Common stock shares issued 3,306,924 Â Â Â Â Â Proceeds from Issuance of Common Stock $ 65.2 Â Â Â Â Â Term of cloud-based subscription for Extension analytics software 5 years Â Â Â Â Â X - DefinitionAmount of revenue recognized from the strategic partnership with Advantest. + ReferencesNo definition available. + Details Name: pdfs_AdvantestAnalyticsRevenue Namespace Prefix: pdfs_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPeriod covered by the long-term purchase commitment, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_LongtermPurchaseCommitmentPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount due from parties in nontrade transactions, classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(5)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_OtherReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe cash inflow from the additional capital contribution to the entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of new stock issued during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=pdfs_AnalyticsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=us-gaap_CollaborativeArrangementMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 73 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (&Z!"%D'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$ \IQO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " !N@0A9()+_W^X K @ $0 &1O8U!R;W!S+V-O&ULS5V:@ M MNN01.+5)#3(3/PB=AIAJ4!P"I DQEJ&&^+3&K!'@$WVWO@C(WXV()ZMOFCU7 MH5A)VH3X$$8:XIQSYG/1;/L'I4;1]E6\W*.76!4!EQC?-*HU+,76>)7 \:V< M/!T3$LV4"P9!AI@S M&L%&KQMUAVC2/'K^!? F<-0HACA*FNVB<5@$_9Y>PTG!Z(++9OVX?H;5,VPLCO='U!=*Y \FIS_I,C0' MHYI9";V$5FJ?JH,@H%\;D>/N5Z> HWEL:\4*Z">P' T=HWPJOX@L Y M?RY]SZ7ON?0]H=*W-R-]9\'3BUO>1FY;Q/NN,=K7-"XH8U=RSTS0LS0[=R2^JVE+ZU)CA* M]+',<$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^ VVZG=PZ.)Z8D;D* MTU*0;\YZ<5X&N(YV02Y?9A7;>? 8T='[Y\%1L*/O/)8=QXCRHB'NH8:8S\-# MAWE[7YAGE<90-!1M;*PD+$:W8+C7\2P4X&1@+: '@Z]1 O)256 Q6\8#*Y"B M?$R,1>APYY= <7^/1DN/;IF6U;]\I=QEM(E(YPFF8$V>KRMYEL<%5'<]56_*P MOFH]M!5.S_Y9KF4Q9Z;RWRT,"2Q;B%D2XDU=[=7GFYRN>B)V^I=W MP6#R_7#)1P_E.^=?]%U#KG[VW>/Z;I,[2$R<><41 71% B.5' 86%S+D4.Z2 MD 83 >LX=SFWJXPD6L_UC6'ODRWSEPVSK> U[F M$RQ#I'[!?8]*@!&K8KZZKT_Y)9P[M'OQ@2";_-;;I/;=X Q\U*M:I60K$3]+ M!WP?D@9CC%OT-%^/%&*MIK&MQMHQ#'F 6/,,H68XWX=%FAHSU8NL.8T*;T'5 M0.4_V]0-/;8--!R1!5XQF;8VH^1."CS<_N\-L,+$CN'MB[\!4$L#!!0 (M &Z!"%GDG 8 >&PO=V]R:W-H965T&UL MM9EK<^(V% (;_BH9V.NU,")8,@:2$&4*2EC:;D)!M9_M-L05XUK:H+$/HK^^1 M#7:2R@?]6;Z ;^>U7AU='DO]M51?DX40FKQ&89Q<-A9:+R]:K<1;B(@GIW(I M8K@SDRKB&D[5O)4LE>!^%A2%+>8X9ZV(!W%CT,^N3=2@+U,=!K&8*)*D4<35 MYDJ$3E1<-8J5/P@$G$2R)@H,;ML#.G% MR&4F('OBCT"LDS?'Q%AYD?*K.1G[EPW'EBPM-&@L/? 2HQ$&!HE*,??6]%& M\4X3^/9XIWZ;F0I& JB_\]_$M*&515+8K MZA5#!7]+XU/B.B>$.:QM*<\(#Q^F\U/B,%OXN^*X19L%98+ MMNV"IL->)$ONBV=%?;. M#K,W$2J0IL'Z! 8,:_)PI:(;5O9#- +ZFSV[ALWM@RU0A; 9Q+<=QFBYU*;691$-K MFCPO3)ZC!=L.IT]B'B0:$JG)/8^L;177F5S?DNG#W>?G\Q1O[ZQ.<:# MZEI^0Q[T$,O/_)6,?>BRP2SPN4]=ZB4H4I9' M6!^9,VC6SW)M!:4]U=8Q4(F6K$1QP+F3'N1KLI QQA![1%C/:7;/'7O:CD%*M$0E MBO/-UQ/RO7,*Z$0[>5&7]+K$@ M#0<2FW2\2?R\^5E43X?A"\H)-S0_ -2F0Q;9<,EE24#W3SI.)/X.?/NB-CW M&6N200QO2Z<+- F.&04#[+CBDXJ$.A72L2OPCI-VAG$-K3W0TP;B/UI8BR5"3 M0CH.)'X.W.7P.80VO<51&O9[:)<8AE%P &-'@R3Q]BES+?*O*U$NN%1_1[*O[F Z'O M9.TT8AWYDG,3YX$)E(G=&+T+W@=!@"- H=23:FAB-432&1T@UP4.LUBLA3;F% MKE\:P6CS (VH3-\7D!NAY$S_&*@C'9'_R$V3B!?\!A:L.;,8^[RM14_BBFBZ3BDN-&!2Y+V=)PQM[L(M:TOZ1$Z/&[LN@_J[C.O%HC"%&>K&O3DS MJ>L4T!=<1YXFAW#6&:V"VT2RZA M)(L&X';M!?6W%P\2**.6K[N%14Q#.ZWT&&$\3C+-!!PNP_BPKN?C3NUVX@)' MAJ;[/KD$0YJ1 3JG7>M! .:T'=-?UNMX- 0L8 ?+".:A3NYNXR.*$]JG0*9<& MX5#PC\ZF_6W',<[]% "SC.0K_%HRYOC4R=PN[VXH"3JGS&XQ A-!SB<=FT(M*\XP3K&- IP9$598<<;/1P:$=V+0?UMQP6B3=9_6;XD77<[SR' M<,HYSB$F1U^PS.?#?S+Y5%0*6K< M 6PC +\OA="'&_.=K/TN.OT?4$L#!!0 (&Z!"%EJO\!26@, (X+ 8 M >&PO=V]R:W-H965T&ULK99M_BH9V;MH97WCT M4\YFQK'=:3J]Q%/2WFL%KXTF@%Q)V&T__:T 4W (3G+WQDAB]\]OURMI)P$PY.Z> \ MU\$M'=P\T((L#VM!%?4G@A^(T-:HI@=Y;G)OC(:E^F\,E,"W#/V4/[^]62QO M@N6"X"BX_7R]F- WAY&KV>78S7Y+@XW)Y%Y!W*RH@51$H%M)8OB=_DJ_!@KQ[M^Y[("%])PE)R%_%,TG0M>^1M8SXQ%9+J[YEA27554#E/4'W*T@OB6CWB6([7 MXC[O=E] B.YV[NXVW4W,3Y4DITJ2D^NY_R5);5$6LEZ[K-ZAEW)'0Y@:N 4E MB#T8_A]O[('UU5UO,_Y-8(P-NE0&W2]V?A2'/4B5QYX;]O0^AAZA,1X"- V! MX'%"0@%KIDC,I836O[SXPB#_@CY=]OYH;$W,?3W&;IL&NE>A>YWH*SP70" < M"10/'WH$:YD@;Z'HPL5O-,Z K 7="6W@1?ZPQJ4=6%9EMT_@3]OUPB@7P70 M?UD 0;'E9IF*N&"_8-T&76CV:S!]9#DA/F4/P!U4N(-7X5Y+F;6C#AY1G')V M630@AQ7D\%60MYF2"L\LEF[;2(=G2;LL&J2CBG3423KG28+7W6MK=_3,VCUO MUZ ?5_3C%]_JW#'CS(XM!Y7[CFK!JUM_;X-K1?$]CI*MY1K[B!'WUD-VA8S M;SSTQD_@UBYO^Q6X9XJXU*S#N"//M4^9V\RJ?U.Q9:DD,6S0S[H8HH HFK]B MHO@N[Y_NN<)N+!]&V#*"#T ;X?L.Y.DYT2U:UX/Z_4$L#!!0 (&Z!"%F& M,F[@;@< '@F 8 >&PO=V]R:W-H965T&ULK5IK^.X M%?TKA+LH9H!D+%)/IXF!Q-)@9S$S">+L+HJB'QB;L=65):]()YG]];UZQ++) M*R9]2(9QY'./>!^\/*1U_E24?\BU(H\;[)<7HS62FW/QF.Y6(L-EY^*KBW' %E^5J++>EX,O::).- F>,$XPU\]'TO+YW4T[/BYW*TES M_K@26?%T,:*CEQNWZ6JMJAOCZ?F6K\1'AYQ?VS[7SX,P]EV)69+^G2[6^&$4CLA0/?)>IV^+I9]$ZY%=\ MBR*3]5_RU&*=$5GLI"HVK3&,8)/FS7_^W ;BP !X< /6&C#=P.LQ<%L#]ZU/ M\%H#[ZU/\%N#VO5QXWL=N)@K/CTOBR=25FA@JS[4T:^M(5YI7A7*7)7P;0IV M:CJ[_AXGW^=)3.#3_/KKE_CR#B[F=_#O6_+];DZN/\-7WVYNDY\!]^6WA'R] MGL_)*? EU'I,//WTD!3Y#!+^K\M[J4J8[/ &4MR0>#A) MU0'Y)8OQ,4(6IP4Y:,83? ^-QHX_\B.R19/"19,A#942:\?28\&_OTKE \ M@X;=Y -+0F,?U/;5JO$X]6@0T//QXV%T492CH6(3%;%)J*$2#.4&SAYUY*B_ M=]2WEMRLD$H2:"8D>89%4KY:?/Z0Q3?^'>U]#JZRU$CY>+=5V" M2_ W*[:@EQ3F)3B[D_V[D^L[E]NBE*E?_%:ST*1\\6?N[042U VBN>K]#X3A$LI%%KV$R0C M>@A,C,OT)@8GT::^R8F\'N:&O MA\-$04/MBP;KHL'>$HVW.\Z0Y$6ZWR;(C:)(]QNAHH'>"C$N;Q+U^-TI7FJ5 M<=/OL&=ODHYZZ2+I=7S=31,51*ZONXEPN93I;IJHD$YZ1!;MY"3UK#+KNI[H MLV(#*E6F]SO%JZ:H"G(# M6\)?H7VEJYPL M=B7D:/$YRF37+'% ^9R=5I6MDW=RK1,-41Q/F(Q/;T'4H*C(Z&H**?*/D M$11E84_)=R*6OJ)BU[":5QV=[/)2\"S"];X%8?KMN67 J(#]Z"N^2-/LZK(M3V$5.)4I_MK@D(G[/.W4\IT8ETUNL61;"';]8G@&>JP M57*_N\L/R18/RI8,Q79\6-FI=V97[U=Y$W_HBJ&CBZ,U@?/ F MS4:4J_H5)@FZ>Y>KYOV(_=W]:U*7]C:CR/V8GB7-2U =??-.UC=> MKM)+JH' M[%\VF_X74$L#!!0 (&Z!"%G"BWV--PP "MW 8 >&PO=V]R:W-H M965T&ULS9UM<]NX$<> "D>]Z>1F3A'QP*?4]DQB$;BT29S& MSG7ZDI%HBQ-)5$G*3KY]25D1!6)FO;Z+JMJ\FDS*V2)=)>7+?).NZ_^YSHM54M5?BYM)N2G29+XKM%I. MJ.OZDU62K4=G)[O??2S.3O)MMK55)\?Y,N\[O3$1G]^,6G[&91 M- ;^8G)ULDIOT,JT^;SX6];?)066>K=)UF>5KITBO3T>OR2OI[PKL+/[(TKOR MZ+/37,J7// .:?'D[/QVY38W293JK&HFD_G&;GJ?+9:-4U^-_>]'1P6=3\/CS M#W6QN_CZ8KXD97J>+ ^3S:O%Z2@<.?/T.MDNJT_YW>_I_H*\1F^6+\O=O\[= MWM8=.;-M6>6K?>&Z']ML?2\S^;9OB*,"A'44H/L"5"M @XX";%^ Z1Z\C@)\ M7X#K'KJNP=L7\+0"K*M*_KZ _]"+#O8%@EVP[EMW%YII4B5G)T5^YQ2-=:W6 M?-C%=U>ZCDBV;E+QLBKJ_\WJ3JJYKXW$RV]?KS7V]:%>]\M6JSM3+*I])!4J?VTN_ MGL^S)M.3I?,QR>;CNB[GR2:KDB6@-;5K7=4]O- P6WSOK$O?493;;KK;+I$KG MSC2]SF99!8B(AXM<5(NT<.H&JL>>13,HW*;.N[R$&EGV7%INM,BDSI]#$M%# M$M&=#N_0>9/>9.MUMKYQWB3+9#VKLR&IZHN=O708^;B5- *TIWO5;E)9NGIJ,ZQ,BUN MT]'9W_]&?/8TPQ@2DF>]I"203OD C>GY((A]$"R@C/]'@4:B.#M99#1P9, ML1A33&"220Q)6_\0][X>'GS+2UF6;FSS3?-[\&9F=7AT"#-^']'7+] 8SJ, M,<4$IIBT-X42 _> 0_> YHV\=+ *CNE2?1E@K-W2PP!2+,<4$IIA$$E/2)3RD M2VA-ES_2LFJFEG4&U.)5D$*&9$*$^8[?Z'YH1F&(QIIC M%)-(8DI&1(>,B*P9\7$ _=RB;G*A^/.IVCB%5\FWW89$OYW4BU:76SJTEJ9*[MI(?_ZW5&GJ3P121N;3'Z\?$[7'&4R7 E-,1D8W5>NOY EQ6U#D_OQ,L8X_ M]@H.S1E4M>E>37DF8-KC48SJ4J"J22PU-;N.,"2Q9M<.KHT;J#QO)C*;=%TF MNV1*OS6?4S ? K)*#\X$8$>1AR+6I*JK/&%5-H*K)OO90)VB0F)GA2JWS-9U ML%/GQ3(O._)\56UPC#'5IJAJ\5Y->3SPM"Q@ M,E[/=<+[/BD.,)*!T6.]B)>8])![G+F!WO%,J3%A04ANF!" RP!+)O9:#.Y*IE- HT035J4!5DUAJ:MA;\D7LZ&OH1 (3 MXIRCJDU1U6)4-8&J)HD)%0,W<#N&@!9K$3O7 N8F_]RNZV[O6NZ@8?^8:A(O M[D5N0/4QU92JQ]20!J'>G4W!<<0BWQA2 ;MZGF<,J0"1HYQTMF<+A8B="MFF M)OT-:P*(>FH21'KCHD(;P&D]-:&^'@!4;(.J)K'4U"T<+=^A=KX#3TUZ)Z)[M5>LN#I.-@%-\0 J>X@."\!0?,@2F^("9;8I/6ZI![52C9VK2W[CF,S@TR[?7 M8FA7 IQ"LWQ4IP)536*IJ6$_V@YE9QS/L"9K]SAT^D)-0A :O1&5;J"]"50U M:6\--0=:7$+MN.0Y5V:IB22,(0%UAQ>J6HRJ)E#5)::FC4M$Z)V)O2T!5H* M02$],5")$*I:C*HF4-4DEIJ:&"TXHG9P]- /6:>WU&GSC0=U>1@&6Q7WJH0O5 MIT!5DQ1@9\=7H&9+B\2H'8G]_+5:>P4'IPTJ>Z,0>].3!A6\H:I)+#4UN5KP M1NW@[3%+M7;)P>E@4B3NZ[!EBNHS1E43J&JRKSW40+=4C=JIVD#":E<;'&/4 MG62H:C$UN9L?,@,^ !"/Z8]9$M+BO"MV+<&CPPC>0\ =-7<^&8\5)F8#B2@@ M!1-10! DHI =0$0!,QL192T=8W8Z]B0BRDR^!!%1>Q4&G\H!=B0!1!35J4!5 MDUAJ:LQ;>L<&TSMM/1&.-NGM1@S86Q,PJO/+*2 U)IQ%5-]9!@B.H]#5=]H+ MR(Z:@Q)@1FD8<;^C&[5DC T^*=BU5@NW+;!))JQKIK!0<8D.N>H:E,&;$/RPTC?/('J5*"J20;L M>U(N00URRZZ8G5UU!]GZI,A,:#6NN[_>HU&Q%>#3VNH M.=#B)F;'3<^Y8LI,RF*\$@,5.*&JQ:AJ E5-8JFI6=."+F8'74];,64 +S)? MEH*Z4PU5+495ZAJDM-?;%*B^SX7^# (I14]GH-O?.@JDTYL,>.!9$VC8I1 MG0I4-3S,:NF=LG!^0 <"R2>?L 5U6>,JB90U61?>ZB!;EDGM[/.@:NF=K7! M,4:%G:AJ,0>(XNTE0P!67E<8W,2LHI8QR,(/WH9FQUAJIQQY6 >>]R#S=Q M(P\)BUR][YE2XSHC?9U7Q8#@ HY" 7&A-AJ1".]-0$<2CD..EYIQEM.R.V< M*%'7.&&-5$5"XV$.;=787#* WR,!*&^UH/J5*"J22PU->8M"N2#CV,^9&5O MKVKM1B;_ U=- 2EXU100!%=-(3M@U10PLZV:I:.<3L=>^JJ*3=Q#;1J:J_% MX)YD.H5635&=*E0UB:6FAKT%8AQU_Y5=;?!,

A6'H:K%J&H"54URX,PH[YI4 MMI2+/VD[%WS_[-_.Q8'M7&% 2:2/J-!V+L]S]=?CQ(#@./(#_4U(K)C5'_= MB03,**/$ZWK7:LN&/)SM7&###>L!VKM!\88"]"D-[$.”TGICHLZ$8U:E 59-8 M:FK,6[[C/68[5^\TU.O?SN5!KTH"YO> %#R_!P3!^3UD!\SO 3/;_-YKH8;W MI.U<_6T+;>P$OT(0%U/QBJ6HRJJE#5)):: MFC5'+[FW Z&GK=9Z !R@,5!Z&JQ:AJ E5-8JFIB=%2(^\O<&(1S"G4@XJH M:E,/ %GF^594GP)537H .>L\W^JU0,RS [&?OU1ŘK^#@M$$E;QY WHSG1%3L MAJHFL=34Y&JQFV?';H]9J;5+#DX'DR%Y@:^?L4/U&:.J"50UV=<>:J!.J.;9 MH=I OFI7&QQCU$UEJ&JQ!{Q,+7#U51' :FR<+Y20%@LZ#IOX+<+$AP&\AW [MO_]598)"$0!.QB(0H80$(7L " *F-F J-_",=\.QYX$1'W@-64 $+5786C* M TXA((KJ5*"J22RU^YA/COX*:/-G9-\GQ4U6/VDOT^M:WGT9U$U5W/]EUOLO M5;[9_6'0+WE5Y:O=QT6:S-.B,:C__SK/JQ]?FK\U>OC[N&?_!U!+ P04 M" !N@0A91'<4-SX) G*@ & 'AL+W=O7O.?PBB>/O/XIUHQ)\%3DI3@=K:6L/DPF(EVS M@HKWO&*E^F7%ZX)*=5O?3T15,[HTC8I\@J(HGA0T*T=G)^;9;7UVPC3LY.*WK,%DS^JVUK=3;I>EEG!2I'Q M$M1L=3HZAQ\N2*(;&(M_9>Q1;%T# [>5,W=4L N>_Y$MY?IT-!^!)5O132Z_\O05/>7\ER8O^"QM8U&(-T(R8NVL4)09&7SGSZU ['50/7C;X#:!JC?@ PT MP&T#;!QMD!FW+JFD9ROBTR505XN;S]>7Y]_5S>*[^O?ET]?O"W!S!2[.% [^#]\\W?RS &/Q87((W MO[T%OX&L!-_7?"-HN10G$ZG0Z#XG:?OFC\V;T<";8_"%EW(MP*=RR9:[[2?* MB\X5].+*1Q3L\)^;\CW T3N (D0\>"Y>WQP'X.!N9+'I#P_T]U6MP0LJUN"V MY@^90 .]4S.9,8$^/?YG9"UFMK_\8UG\S[B M?Y]>[Q]$15-V.E(+6K#Z@8W._OXW&$? _\ W&D3K&K1K2#0T)]6Z&)BM37C"? MFTW;V+356>CA#&*(3B8/V_!=HQE,HLYH!]:T@S4-1NQ\^5^UX%2.DN(=^,K+ M5$?O6K)"W4H.OK%4/^#QONIMN119!E/3"[S&:$N(/_ZQ#.@LB74B> M_AQK3E@^"%5M%E*)!S9[TM7>NSAP<$,YAU$/K6B73&/G1SCNT\R#:\ZUA!'RE M^/#/35:,"2=I>9_=J7E*A6#2FYKG+NYX'O=@>XQFTYD?=M+!3@Z"G7(A!4AI ME4F:9W\I_&HI\3NI!(A2"0^LW#!E4YJ%XO4D<4&B&>EYXAHE0^,/(\N=)/Q@^*X+G TYL MT3_V%A-S7H1GN@W*M MT !#0$OJ,,SJ*NTKM2Q4XK]DS=5;K8,,U.T\;U:>R7>?,WJ7Y2;GOS/,$4[\ M*@L?ZS>=D?+\CP,$_UYBX(10$L>Z J*7E)]FX\(OP,^Z3OM4OP8%0M\<,@ M!9[=ULPLI=?+>>1R)IY%45\.>,Q@,H\&I RRY(K"Y'J[]=,U%0>C]O"LVE+' _9V4 MUPZ3V=#]LF2+PF2[@[NJ]=J2SR8&3&UL*PW5HD-ZH6#2[%'ZFUW>*QVP&'M ML)L V1.KTZR9OD)7Q!3-:5WICZLK"9*^/78$#P@'/!6<3TL"]@BRKGSXRU MB+LE6.746V/$KD* ">QO*GQ6<3RP_<%61^"PCKAM$H9H,H8NNW1Z77)0JLDJ MUK16OC I)\[NP6,&81*C 1^()7T2)OV@M#TSOWD/HBB("K7/5Q738G M('3!)$YUX*A4?ZS>=D?#4CT)4[T9 %/I7*I=CIIY6K ^,UI;+O*.@4OA$#D% M3H\5AGAH_EFF)V&FWPU1EHT);FL3//-LDG*VHF"4;&I.[;DA]45B,OT<^+, M4==H!@>R&]GZ%$["XO3E.[.5TFI-64UJOC_OFZ-!P7'P'#U2;[L#8H4$V5>+ M]^V9VB\(;<&0ML7#3)\#VBW2[OS^ZN(B<>4(CE" L.2Q@G,\4+PC5F60L,HX M7SZH8+-&$&YO'U?9DW:B^9:DPE^*M@YI1&_2K1X^9T?L-TDKO"8][57:[-] MQF+H:P6QRH3LJ?T/+TQ ZTSH7XQWS3=@??O*#QK$\RV>,,=&@NA^=6Y;*4/V M%#G\VN1MGNA83+.W16LOC25^9@ MWQV7DA? F&PO=V]R:W-H965T&ULS5EK<]NV$OTK M&'6FX\S(DBP[<6[\F)$?:75OX[B6?1\?(1*2D) "X"6U5] $PH8&'K[X>1&E@*L:EZ @LI-W8R!SDR" MYL

M[PZ'ED]I'1B:8%";4!4X3R.A<5.K=%GP+JKPL4(G5&0N10J0)E";Z3I7$RM* M/2C E-%R;U%L\4,']45JB MLT"9973Q2ZRJHK4WH_ACU]^.(U"U4$&GF>IH8$L+:W^2.10R'
M7'Y/I)MPTM$0&F>P^%R+;K-0Z\1V"".%G##"P#41W\B>:4@!SFT7R'-]1Z # MWE9P1(C2L;/W\SL<;]W MW8ZT*KPRB$WLZ4@T*Z2)>]UQE4H,EB'7T/5"7?S!7R!CQBF?']*M#[$"C8XE
M8D;QW&A1G08ZZ$;5X(+[P_NM;_W_K"OT_1W9MWLV7.\KF MT'R1U%*D2#?7&SK'G_<8C9W+<_?J}:G?)#AQQI.:EHLPC(@S MCX&/YOT [:.0# ",ZQ(*;2SUX6HCA!7.>G>_YE
L&NKOQN"B[!7_*L/M]7>"7OR032]*JBS;7ONQRK_U-4I9.F]9[]O M*.!2=NX)P#IWCV3K&&YU!5,A"VK5^I9%PZD=':>BK*:1EG*=Z34C(]BD!
ML8,_S37.%D'C[!WV*T\+GCV5]X8CU@(0U$$G=8#\H\P>S[U-N:X*Z(-QSUW2 MQ!T?UZ;BOCQ^$?/3A#R7OJUTZ^YD.&RK//711TV:DY-CG_W>+"SKRPS*3W^- MX75=GGZ+P?
$),0B:#"8U)K?;RZAR,) TRWO+7!>#?(;$2B48%8O4'NM',M>8 MUU[72NF=_CB6JGJ;4E^.OQI.7#@0>: N@0CBMLLR4T7U[PE:"Z]U]_5L4*TN MP?0=58VN6_[__<'V)7G]_7-41FHZH80VK?
W@LS983YFI,,OS@N1#]HD2*N:R MB,>[J^?RF+(*%I]->UBDI5CM"G1[YX_2TM'=%ORH7D(7-M4-S]W]%_V+,;A3T MJV^D;JC^$IV%\<9L]M&XVG4]<[AV^(YB^X:.?R_XWU;@7UFVB_&H M
T^:=>'0<[UA!>_C84>6H8:O$@$/AB>3+IP'$Q<^>U-=[!P$TQZB$W<\:4G6 MBE^4FHU7%%JNQK4XP4;GEKC1@S1>OY WPV-Z+^6?C2'D+Z^,YC3Y.GCLPC2.
MK051U,9/;DNZÖ"=&M1@OC=#_"R2[.>G9&[Z5YLAB@3-%6L./D7/2R&_[&G=Z MTX",,JVN**@CUS9^)@Z1\2G?H&']'B\B C>P+R+TL882+,:^*S>_H&K??%$ MUR41735*V\2Z?
5]4'#6^=DE$MM3?]_-=)'YF4:7.K;Z,.C"?"U3DYMOCC[P.M;(G6F:&$<C2#,N ,D73;OM*2R>+ M+45]}!7'^_5[CI)E)W?2#'B^>.V.++W3UW]]R1/%U:.]\T71$V#EH9
M^NB$K\M2NM4%;;L\ZXUZZXE/:E$$GAC,3BNYH!L*7ZJ/#J-!IR53)1FOK!&. M\K/>^>CD8LK[XX;?%2W]UK=@3^,6?N/!=7;6&S(@TI0&UB#Q=TN7I#4K HR_M6IV]SB0+,;G^OM?\4?
8D#\4':T+AQ97)*+LO/P"2#LYX#>=B_*3"7VJ3B,FP+\,#\?0)?9/.O4G4 M-WF>R>[_&0$]ON2).?"53.NN!\[<+?5FKUZ,#H?OG@-W[B]22425&IGC(Q7XF]27(§"FG-U8R%Q$X=6=
M*)L<$N=0(/49: O@A52[`V3<2>IOC9WV2 MB,_8<\F:S>K5B^/QZ.@=-N8YQ5*.&IT),))8 ,!HEHY="FDR\%F^GR=%+\>:9 M3D8AMM='E_%5HUROGFU]$V1EGA73!^&*(A(1JL@I&
[4T:"JGT"B57HFL)MZ9 M%M(LR*_MP#TT'1/Q^\!0@ G+/%Z1=/O!['<\[2BU"Z-B&[0Y]TF=HO-8Z&O.[XU4Y>ZO\FG$; M*!!_-@4YNYM0R!""P%<<<>=1'5@)PDRUP
MYJ'/<<]PTZ)B#+0UBWVLERT]*[F*<&N+3:9I@<$,5I!9$-5SR^)6*RXS-%FI MI4G!:#Z.FUPYXIL1R^R-ILFH:XKLS)S(;#Q:JE"TMAZ&Z_WG<^2N";SRN$#- MO\;(>VB M2,2TC)G1,08
]26Y283!A3*GC!Q3LZM-]J1!MFE"O)/GN_#]*P!(J# VH(N M#+E*I0GWJB3FJDY!C'GM<81Z+Q,:PA3W$I/%U$MN_+C&]46N-%)OZI*MK[93/5+R?(BRXG9XO M?2FUPGZCY+,;JG:.5]>2,"F'-
-70C:EJ5*L2, WWM'}D 1QL6(JPXK[N^RWIB MYV[,+@(ZY/3%FPXZ27,LCMYNS3T\(:. !EBR+!TM_?4AQ.F$'46+6\XDB4NG< M:B[3,R+54I4MZHU]6)E@"B%?%#Q 8N8T)W$,CE-! BD>PW*]QA
MF7/CLWVVYNGV0;H%TTM3#M%A M6QO6 5;0O4EG_P!02P,$% M @ ;X$(69>MX"]Q! C X !D !X;"]W;W)K&ULQ5=9;^,V$/XK VVQ2 "OK<-GUC:0P\5NT1R(T :9EL86&X4221I._GV' ME&7+NXZ#
-WMB\4A9[XYR/EHCM=2/>H4TF8UF:C N\4Z#+/&?JY0(S MN9YX@5=/%:NQ$9SHNV KG:/XH[A1)G2U*PG,4FDL!"1<3[SPXN^A:?:?P M\)>U;HS!9K*0\M$*7Y.)Y]N ,,,/86
1&GR>\Q"RS0!3&/QM,,^O2&C;'-?JO M+G?*9<$T7LKL+YZ8=.(-/4APRU*%A,/1?,0@W!]&+NW+DHKQBADW'2]Y!66U"LP.7JK.FX+BP MFS(WBE8YV9GIS>P!OMY%:"I-
]F(D$DWW[#@6VC2ZLH[L(CP+^5HHV1'X+0C_L'L&+MME&#B]Z M?[9GA]*MT+]'T6R_G.F"Q3CQJ"$TJB?TIA_!'W_\Y%8N]M8N\?0W[LSQ\&& M;6C@;8'@@FD>@Z#FYR*6.4*!U+$!4PA<
\T4I<$$%B^0\">><+%]*M.T21'6 M[NB3&GM"19T,HLP7A".7%B&GWG.(&H@4M&"'P1"?.& RR&4")_@<6Z5;,6K1 M^8\?01:V@W4+A!1/J*TK@C.*QW98Z92*&PUD5CO3Y>)O:GTPDI2+4L4I-
>]I M&ZYXYG)Z,^E2VPC^JP2+K-25+ T*PUD&N%S: DEL3$1.X'&N%3<<,);ISQ. MP085VZR5X8N, A24S[[3DUV@AGA9E^IE4Y,<32J3TQ90<;&PZ4),1=!V4,%; MHTT8:UEFM--
(-33\4QU1&QY(92DS8F_KA0K$J)X44LPSSARS4@(6AXI"U3%2 M5=N0H)!$6-5$J:EZUKTKK@5:N)/C%(}MR D941*E)DU=Y[%,9KDLA3D]@X\? MAS}???[?O@^!0MRC/R#R0D=>M3O-E5L)[Z!8+6
MP.\UY'YK&/7VUJ,@:,B#5C#RX6JW>V_[K5CDNRXYT!2U131L]8/13ARTAKU1 M<[7;ZS=7!Z,1S ZTRSX]E,?9H=6DAT;O.@U\+M 94\M+!'HTG([9,"S(M, MOF#MKR83ZFDFME'V@F@[#EIA,-
BM1,V5H# _:= IL#K?OC>[(Z=KN3Z[?)[IX8#/=7H_W5W3X"N(YOR# '1\K,/O'6V&A_Y[M=AHO!+1.5NX=9/_KT.U9/1.VL]NGUGGUPMBI5^^T:Z96G,J7X9),_?:@YX&J
MWCZ58&3AWAL+:>CUXH8I/1=1605:7TIJ@XU'6P?H_ 5!+ P04 " !O M@0A9]WL6D,0% !Q$@ &0 'AL+W=OMS&>RX?VF1@$%5% @!C'!# M2IHB#= 7+8>
<&?Z<^3BD>+14^JN9,V;)8R:D.>[,KW*4TQF[8_8AO]$@=6LO*<^8-%Q)HMGTN',;')[%}.\4 M_N!L:5IM@BN9*/45A67#]>W5Z?WE]=? MCKH6)D+U;K)R>E8Z#9]QVB=72MJY(1FZ?1<
UBC#"N59N:?AYT(>D,CW M2.B\1Y_4;WJR/F+?GS5A[N677J-=WO%_7-H$&YH!/! MB)U3BSUL044!.BE4@5DAJ!9/9/(§PXPD<\ZF1-7P4I9P5R\R^I5ICRA.9EH5 MN0>SN,$4M>80>:L(%4(EB
62I0J=,)A40.K1/ ?]D4. &"PR\%]AJC.E,,AM,$\>VD+&SRH)7 M7 ^??^[EF;*UV§]A$%%?2N>./SZC,:Z"A$6RU@54+401"&+ 5[^B"*[UA"V@WBCXQVFM.2K(0(8A#F3+D.?M0*1 M
FT*`0L87SA=OJ§"N24(6^X3$3A.BG-2K4ZY86<<"%8^K9DR YZF' !C]FW MP/TTEFREN/J> X9L @F -@F9P=Y8W[\OW$.S/ M[_H.:I("M7K&U$S3'(X #"-U%RE7S3
5[2+DRF5EN4J.N]@1P^W65B5O*I9P M=*4* S7%O(UU._B?[.0=N=O8I-\[VPV#LBTM7*)_1+5.&X2 ;N_L?) =-MI9B*ROXE"49>"'#C?HLL+TD8>A%PK^KH('B] M41,0G&@\AV.IY<+W_75N#
[PX#!]O0X(.;9B&9!*!"WEGM\OE.HN6%0\."$ M.'3?/C=-2E!K\/8!Æ\O' ;G^$^C\=]GS\X_G^$C/K>]-8F\X:%2VF1@$WK 7K=?4(/.BP?!;' 2M41RNDS #H!&_M) SVL&\8>]/!.ON@.^K[&IV_*SG[3<
EM+,S@6.CL2?CKOZ.$;U;.GUQAM]BX M_3;IN0Z!=X$;UL1Z/G>.!QN,F"T+P4PWFM)43]7.X4[>"[4$[JRS=VV/.#*OTEP"P%4<&F&?TYXEW90'PIN#BK_MN_Y0=EO/
.!PYAX[\.8+)V3Y(E#WUN\II^4S0J>-)V4G<43WC$@_X*9CZ!X->_MA^CR@:.4K,K=H\)$64#OFG-&X=*\"C ^5&UL_M[5A;4]LX%/XKFK33*3,A=R[+;09:V6&G;%DHW62%FF,-MF0OF<#^^OV.9#M.
M&U+183]<[-XXG(M]/RP,^S4 U=RECH:Z!\=%'PFKH6[*2X-WOH-2BQSH$4BAF1'':.AWLG$YKO M)WR68FY;SXPTF6I]2R_G\6%G0(1$)B)"'!P_]^*=R#(" HV["K/3+&F"-[:. M_YHZV.BPJ MK=-
Y)0P&N53AESJ4=F@)[Z>$!A5 B//.RSD6:[GCA\=&#UGAF8#C1Z\JEX; MY*0BIUP[@Z\2DX;G9!WZ2SRR M'F@XZ+$GP-@9EX;=\ZP43%KF4L'$@W2L.#(27;.:'^*Y+!7#(W?(K3*!V50@
M$2.!/(9TPS)E3&.U+(6Y0-2!9?^@S-#]YX+8T A7!L9@0@]T6.?:!3I)XM. M$(DR+PC/LM(&@D'#1"]N(LDS4+#.E(0 8$/*@<0)<[$&05$7L:!/H+Z72D| ,^*Y"V;@7R5 36\0OFYO=<9O2UQSY^-1/F
MH&JY9,I5/@G!0/Q@"8H9HM&.@X73J6+&3#>^A>,X.#IL%QA/C,Z!$0OL,3'Y MU>K21-!_GDK06J5ZPQ%/A08I+ U)K/7FU>YHN+-OC&T9A[;+ ZA*2>MZP:"GH
MH\@NW$!1P=4M!'D4(5B]A1$=;3\O(L/;'NMI(UWCN JJBC_N0]R)*%7RKA2+ MX*SB>2F %'5/:H1@4Z-YS#)Q+S)P_$"_;,@VV?F"YUVI':\!TEJ?7GZ+JY2T M(6S)K#)"[' OGV+9WI&B01^N0"
<H5SY407)}$GG8PF^%>&W7\:)=:/ /MC(XH'?@H96@Y7(.2MG2B8P'#*D M5KP.F9@038!OYTN/43X,QON^2^B2O_OE28!3>
[0SJ5MT+S>Z$0G6GK'OOH$_Q[D<^;PM/@+M+V:.HT<<V8(61(LT#(ROKU MIKUQ55,I(]C,JI!OU$^CC5JV&AAOL'?[NINY3KU]2K]_:=?R M^6LV' R[X\G.VI&GS?"K
OVJ0/]GM6=5GZ62\27"TA[ZO!)4O2Z*SWAE\?G! M56=WW-T=#M8-_)R]\\+]4_^.M[M;D\E3K\^N0J-!=[PU63ORM%F(U_$+F]WJ M)&_H?!*C?:4S8K*RZVM;&?F[QC:*
(S&L=8WP8!"76KUAS'^_#F&QNW"BYA> M 30M0)K6E*.9IW3\5YHA&%7H,B/T]+-02")IHC+'P5HUG7TX@7K1E-AO=TB MBR2A$R(UUNG2\2KHC4:SI8H,LPITYCJFfLZ-OBT7<8V?5-
4@XCQ%A*Q_0D/M;`M+CJQOE]Z(":@T%_ZL0NH"%)XW@F?>^ L5?.VPQDXG'LTDA0V$=*7&IR'Y:V. M2W_L\#$F1$SNO=8=ARO$O?1P M$8LB."-FF4@@.NZMN;'68"9>:X<7IPE\H3K5S.O>/[>
XV] $?$\T=ICJA19H M;IB/_@-02P,$% @ ,X$(68O,WVGA!P "!0 !D !X;"]W;W)K&ULG5AK;]NX$OTKA!:#) MWOU,293-+46]}&77]]?OF:$D*V[BVUV@:"P^9LL;G'E(9QOGOX254E%]XP- MYZ-
5C/7[Z33D*U7),'&ULM@IG;]DO*-23D/ME2SX4F6F\]GL[;22VHXNSGCM MWE^V'.N),B M1OE!1GEQYMU&>#H-:2#3>7; *4A>NQJW(L75W/.Q]O'Q_&XO:# MN+|[?;R^_?7C[=7UQX>S;80*.CC-
6W&72=S\!7%OO8VS<17$1UNHXNG]*:#U M^.8=OLOY08'_;NO$'_&8CZ;GQR0=]S;>\SRCO^)O>^?,SC).WE>'N7.^U#+ M7)V/D!1!^:4.7:SZZ>CM[/0 VL>[-SY?T;&
[S.AEN[AW2KA2W)5X@AWLO@.;HI0YOT.\ M" +&0 IY-=LRG]P\D9Z)98*'] &2'SM?!*)K?$0M (H6UN&F2OD*+V;JW9 M/HU_<"Z4QX1($1X<'4B#]Y31*%*T2U(!)C@+G4.+ 3!N*._ER'%#0XK>$')L
MY:R*Z ^BD!7:#RE< 0.8Q:DGMD2F:M!>E+II<\!TF;ER3 RVXURL9 M"X<;%$#)9N4<5,0@ IO6P.!KV-]§L5GHNB%W%L(C!4{(HM!D;?+;Y18N#"V* MWHOLMBH)>0]PNB 1O:U
92"O*?;"&\/^42ME16;E;+]\8X0&]>8([*=.) G M2XSTBG;AB3%+,]!?4A;D2JAOZ/'D!<+T,I+$C<;3;7*@2\T!@XRL.X&:Es$2T\;M&]M@2UMT85§_&XQT'DB4IJ!F[]D9=40E)\0'(MP!B!A+*[YW)(<:&
<@!7!50I."35N!:+ #*R.(C!]<0K)/F[T .Q+5*DE=^).>2 MO0?.;H/T)'8_RI?.]5W.42ZPP>1WZ9DH6VB0(=64E#XARMAPHE /@]PG^?4 MPR!_*+1#122?
C%UZ5SV30:1/8]PQMTDTRGC>$RSE/GE*NS0TG?$:QVUG7UFW>[NSOU]"C\0Q3 \);:L-F M\'A*[N0C§+ <*WS,ZZ5'%CVG.9&W3@7%JR+E.[^&X%A@9=D8T3# 1+)/?]H.YUG?
@3 M\1_G.#[T=[SOMM!D?X(M+\&:H?D2R#9-,.2AQ5U8%[K6^>Q0PT/_/:!^W'6 M(/M4V*.2S'/?M(W4N§!YY=O1"]HI<]O@\8Z.FOHW3!!9 .F+;K]/P M#OSSDG.8K3GJ7L'U+]2%3QH8[FVA)#L/3(
MT.6P):EO.&M[A*5&3=A58:_X7<'N#0?V&7L&@4)OKQO,K)CA=^I;^8IKK^KL MZ8;_WHL46*Z%=*AW!P7SN^!A T.Q%3< ^I9#,MLCKP5C&!3YTF_DT)04YCPX8LB1RD@_0: ;SX=TDN
5BEO.KC^1T#T>K! J)@$2;*4, MUX)/*O.,%QPZ1CIHD$&T^O*I9J{6:$%,/>EA>%:#*4_SQ&Z$\(8§$G.%4DE"F*6/LB M%'@ZR3D15W:PMH)% [9\,/O_-
/!UYE*^25_@Z(>CB*4/M3TJ_UGKD7ZNK,[MGKZ1W4B/.$[98FKL\DO/X^$3]^=TD-T-7_KR5R,KN*?B 981 >P7SK4]O:! M%/0?_R[^ E'+ P04 " !O@0A9:V9AKJ<$,"P &0 'AL+W=O*JGL
M950Z5YI]UNS8KJ>(VAC4I2%EH4W&'KBFZMC;$\Q\4R6[2ZQUU*RY4 +H(8 =F M=*$;)X6B>\L4U7!N>X/^4] +7-NZ5K+;R)WY65T$K&<%KR1;)7GVBMYI#C
M95K:\,M6[=SCTXAEC76Z6@>#0254^\\?UC[L!)ST?@E(U@%)X-TF"BQON..C M"Z-7S/C90/.(#5&@YQ0?E&FSN"K0)P,36>3=#;^>'O-[M/)[&X\F7ZZO6?I MQ\EX_&5\-V/?;F>?6'KS-;V;C:!/SAV6
M1)+A&WB#K3^#@#?X/_PY>\F@-O_PY?S^3)[9FF=T&>'063)+BD;OW_6/>N=O MJ!MNU0W?0O_O5__M]/V$Q>Q?Y__@$KB1VK;N;JT=&RI&AG GE M_.:;E4<8*1BUAGNJ!
9JIEQBHPM18UGZ$JGYDN:_.N 8FJ>;Z2N_+HIBB9<%*4#;9F%Y+E#<.CNA:45&9+P#:EG.lC%B0TE:$FBB)'QK,"L M!#V\!.F79^WJ]'F\R\@_+/*NNE*8&/PLBT3H%NYN65^
_W!_L(7150C=%>7OLW86 M\LYQ=MBS'=$_/@<(.C[U,\5^67: =5K0P_CT M>99!?/12%BL>_GD.J,XRW2CG16Q.(,0UXL/GXB$_? LP]^'4MKA M&8#Z%?9B0+I!1#4GPP;]@#:(,;0N+YO5X)5';^O-
7G^XR\;; $%>$=YDL&V+2/E>WH][F7MB^T0&@O M/CZ,F&G?7FW'Z3]\=^,:X?44FB6>]V3\!"O?:.TV'9]@^P > 0E02P,$% M @ ;X$(6?;(XW"! @ NP< !D
!X;"]W;W)K&ULK55M3]LP$/XK5H8FD+8Z;RVL2R/1IM.8OE3!V#Z;Y.I8)'9F.RW\'L=. MFA4(5<7XDOC.]SR/[VS=11LNIF0.H-!163 Y<7*EJC'&,LVA)'+ *V!Z\9E%
M290VQ0K+2@#)+*@LL.^Z(UP2RIPXLKZ%B"->JX(R6 @DZ[(DXF$*!=],'_.9 M.J[H*E?&@>.H(BNX!G53+82V<,>2T1*8I)PA LG^QN>M<;HF$ M&2]^TTSE$^?.01DL25VH*
[[Y"FT^0\.7\D+:.+]HTL<.A@]).*EZV8'V"DK+F M3^[;.NP O)< ?@OPGP+'%P!!"P@.50A;0'BHPK %V-1QD[LM7$(4B2/!-TB8 M:,UF%K;Z%]WK19EY]]=*Z%V]<2I>D
>TEF@!PKXYE@*]$P++FL!Z". ZN4[0 M\=$),D*4H9\YKR5AF8RPTM$;>MSK31\5_0"= E9RJ7:,XRR'KPR7[\;\> MZYR[Q/UMXE-_+^&WF@U0X'Y ONN'/>>99'0X/^M+Y/_7YJ]4?
%2/H?P%@^8+7 MO(*^RV[HPGXZT[O&LB(I3!$=O"2(-3CQ^W?>R/W<5^FW)$O>DFS^1F2/[B3L M[B3OR)GDS-(/E'WXRU2R)6E$E4P%)+N8-
3W2Q%.RH:0_'*]L;)KG1GM&ULG95=:YLP%$# BL6D/.6!D*\M Z2D MV[14ZA2EW?:LX M8-3:S36C__6Q#6#8E5.H+V.;>XW..N$2-D.^J_#HI61< MQ5ZA=;7T?9464&
(U$A5P\O3L5&3+7N]TH")BZI9'X8!'_.Q)1[2>36MC*) M1*T9Y;"52-5EB>7K&IAH8F_L'1=V-"<T?2"3],(Y/(+^46VEF?IDA=2M*_M(PE9[*W&R_7"QKN
GQ0:=-3)&MI*]$,]VLB&Q%U&A8)!J2\#F=H [8,R"C,;O MCNGU6]K$T_&-1_M75;FK98P5W@OVB1:>Q]\%#!#)<,[T3S3?HZIE97BJ89X)H8\3NT'_^TG^ %!+ P04 " !O@0A9'M-7I+WQ19QS/3T M]-
T]C>]ORNI+O5*JB6[7>5'_\&35-)OGSY[5Z4JMDW1<,E0!=Y9EM4X.:^%E= M/:LWE4HR>FF=/YM-)H?/UHDNGKS\GJY=5"^_+]LFUX6ZJ**Z7.:3ZNZ5RLN;
M'YY,GY@+'_75]L$+]SU?:OTFNU*5J/F\N*OCUS{Z2Z;4];ET64:66/SPYG3Y_M-3W&%^>B)G[2Z]/:V(US^HBR_X(_S(?.QO/FCD@4=2Y:A! ME=?T:W3#$QY.GD11G5?E6EX&"
:ZX/^36T&$]\+QKA=F\L*,X..)",K729.\ M_+XJ;Z(*GX;1\ ]:*KT-P.D"=^6R]>"NAO>:EY?G/fX_?WM^=OK^4W1Z=O;A M_M/Y^]_C"X^_.7\/$-
9,1W4>8ZU:I^^OVS!N;#MYZE,O8K'GNV8^S#Z%U9 M-*LZ>E-D*@O??P9P6F!G!MA7L\$!]06XVA_$D>SR6P^,.Z^7?P^C;>_8[Q7 MIY?
GE|&'M]'9OS>57;]Y_.OUT_N%]=/K^=73Y^=V[TX]_QWOW8.AY'UYXVGG_MM,AHS.M-DJH?G@ GU;JZ5D]_N%WTV)BX%%&S>VBYD.COWR5U+J.RF5T@6,7 M38+4'T>TCW=]P'[%<-
&GE8ITT:A*KZ.V2-L_RJ+TA(VNJCYKQHFS!*\O-1% M4J0ZR:..7E? TTT-;Z=Y"V01K52E=!&MDFL5+90J(L#)}]G@SN(NNG@-&U#F M+4Y:Q|%YD8ZCO08F_\/OCF>SR8NS>':,KI+B2D4PZ%K7)'?
V9)[+-V=FCEA MU\45C;*+NJG;E$>6:?_-)A4@[^+/JI-6341#(5")]I.1G^ER4ZK1]>Y@@L(MS4<+'7'QY~]Q=*;]!B0JC,URE^07O+4LRZ8H&Q5END[SLFYA3Z("\EA+HM2
MC4\7+2#_GVPV,:7TK2L,GA&@+11]5O2[+1!$ M?8I[O6&>B))HF>C*P8,OPRW0##7L625TPNO;P+]E5IMWS?!SU8)S>Z_"+3= M>3&"S0+ &@NGIM5[W@I#ITE)FEV%WO(N<.>2-XJ@O7T#XXZ.6%Q MCIR_H)96QL[KR9E
O8,_*GR7&QH&,%&ENN_9R1L^Y*Y23OEGODO\,MCA%V6 2(6;@ 4LCL4[[A&\?N'+9W."_[//%N$0'9A4!AB>'_+H7C@W.G1_6_M5^K&NSD$4_.B_J M#R%,P#?GLLE.U-!!SJYS3@X6R6XL8 ?
L2=_4BL*R,F49IBSG\R5-MK6&(2;(R<#)[^H!KR/MHS[!.":.8;2=V6W1'9@N0EH:M1=DQ#]V(ONT]6ZF MP#C-.&R%$H[B.D@0LN>$655M%)FBJ_AV[C*':.(D!M[,.4(:T6@+]LK]=2^ MOV->
<9'H%6$77/<UQ-)5:']9?0$V 2&'+ 14XN82/.K=E9O&48&DDN MLZP MH"'\82F>6()?D\<=' .IG(SLJO?MOM*$(6K+Z\%RTY$@.QG05#=!507(I3 M:MI:K$8)BD"5I?OA1B*7ZM:?ZL>Y:
[%U+HGH8++=$WZ0^'D7:3L5>-DR%:1_#\ M"/"67"9L?1A@6J++]X]REO-U5YAJ6:T?7OK)O'FP3H"C!YY^-P MS>%]V>E00_3J)-QC3V.&"E-F9Y'&T5BG-JV2'#)>0L5IF"&_^W?3CZ#^8$!!
MDRS:^\FL0[VH2GPQ@[O-I@82E(WDMAP*_ULP+]M.?'Q+Y:)?/"^_M!V9CBT% MN:PSD)E@(,*!R!!0#$Y8(.HPZT%+! F'T.T-Q3QJ3SP: &+BLZX9E)!1F%9Z MLX.]$!\G86J-!P20)>1@5%G'0EWIHA
E8B-?GNC$J>3A)XW/:0YF M-XV2 M*HV0OV'&AO,VH8?PR!TSS !XI&" PNAAA53J+0%>U15B7JB5(P+ L333QOWN M-@;#*[7;OQC]%>Q
B>'Z'&6*YW6X_0SE4/_6"M@)7D%B2JXD_+X&W-):P8%8 MH?BQ! 8*F](Q(%S_O->92L[IIK6"7:$8TXSJ-3S-CCS A0)KK1(3XR=U7Y57 M%8A$_HYX&249;H&25)&*]N5% MDLT6:$HQX&I?
5W/*P\5/# EO@ M&%E[XH?.Y1HJE00V:M3<;60P#.:+L+CM9BSCB'2>1B=&@Z14"+#D""+0N13* M!Z.>?!B*W7+L^'@^BZ._T"POV!*\T9AMT$W/7$47W'"T(;S@\ZOOL>RP#)QA
MP&^SBW#979& $5 TJ@*V ILY\R=_E;YF>D\=23DO%22"PX7C%5A@>EF3S1+=%HF(<'2 M_?VY(F]TS+YG4B6O*^4>5]WHJ 1$\&N& ++6Z?O.?QD5O0A-QL#2]*"] R1.05;?0(931)*6F(VP:DZ
M6W/H)(4)*8EL446&\7%#Y,FVO!Q(D@1ZPJV>DP6FR*O=[":B.<29.A9O!ZDVL M=>12&P0=X'!R&'F'!2M<1=B*0MK6=W=<<.DKG 60H2?KGNI6).TTE"F_M+1KD)"J9ZY1+
(^E+CUDG#FB+'*P6*)]FL4,'B>87M/?<"T!R^\U9"E5_&3;%6 M!.J'!Y++?YE_6%OX!9$DV%#FPUM@ZF]L3H!-D)"KE/BJ&M^^/M=2]BAN>UH7K%M0_A:,Y94B"7"!8[,A?T8VS_U>%([&L)Q(' <
M? 4<->5SHZ$ RPN)^U_$MM20GKX1RLT *7NM-"0Z#VVHO=A5*4Z:.NJ+HE1P' M&!*YCQP]$&O"[34%('UV0S?&K^#JU,4Y?PRXDW.KB&B;V2LK+\/NJA [58%A
M9.*ZG&86%B"A2!\46&#S%%+F6[OAP@&VC!P)<%D/3ZIX1=]68:%&(S0+$.P$!TL]L1!$4Q@./N0D;UOV7H4:26A$GA.XI8P MLK&&JK;I9)S^*QF6MVE&MU!F#53A7!@F"C&^_$ 8T%
(AHB)]76J5*D. MXS95*N =ENI:F;93?#/VM(W: C.(D)*ACH$[]A.)+VT]OH%A3X_5..XF1_J4 M2!6'NXEV!;AW9@eF_V+BP5>5[0!TEV)S@0SS]]LIX2X\&YV4"5>K]V <)S6$T M.M]1VC+*1X;FS)#?18?
QY.0X^'UT? 3ZP 7L^F;,&=8S QV>G-B_3 ,W17 W ML1],>+W1D_3Z*CV:3@&<&^

[8&5Y-L6Y*\G4<-@&NO<. MNQ5Y)EY[6 !XD*)GC]}G@S1X;CJ_??3*XP8H^M&C1?,:7ZMF,"1<;L^UN'HN M)G=59%[(//J14^VB':,Q[KA>'E)#6I?D>XY\QK4#I+X0%,LZ7FK M_32(D.)5A9Q/K6&"T]L)NJ962U.K?#[(O=VSYOY3Z'C.U15K@)!'RIN"R;"M)·M5H__@\,EG,CQ.TC[H<[\N8$?ZMSWZP)G\?YP=QJ?3&8@O2·MCS]JF/GDT$70I_&A5W8TCV>';LC]>#
[=CRZYBZ'=&LD79NB·XMZ2G^\&GQ_,·MO%_3F0NG\33PXD_U?PHVDF1)N&3QNKI]/·VCSRT3&=QL=3_X&3^.:P·L2* M[B,KT^·/HA"46$?%IXJCBSP99L/AX7R+P$NNH['HN DH@MPL04[""T3YB2AM^·MQ5=FD>F4T4A@=>)2)*,[UODJ!U=]=)FN2]QH>*>]!L·ZU!N*HJ/X''4/'IM(·MNB{YS 6_)$EH@74PRWXOBK65?&3PBN*.F4\" M,'WK3!{,P/HV*;!1^.MWR$]WB94OU!O?+Q=;XIB='QBI>@0B[O^\=/AGN]OP%NGNL,+8*G+%;7 &V#L·MX<'P"U6I_F@&/"&FBO88\#K32N50X1T7+[WL/AO6^Q2M&3.<4YCC9X^CEAC·MJW4*/9K>Z1XF]]2MB?GZ3P62$BO;J)4'!7=
6>J4N\7@,VVA38$23^8E3.#S·MERU].HY>ZYS6=.^BG13Z%@OY+%/S!.,E=5)(5P9S9ZY·MWPC?XY'QVQ@$#!%J@$K@*_K=,WBKNL4_[[5:UOG)!W&MH+=G&.&(W;KT:,8 M?GAO)Y$!lESOD2A:V_.P8]@14F6[9XC#UM/2A*M\UV5[3UA8I/.A@[PJ<# MM^G669·Q.)HKE=5VFA!'K?4T27GZV@>R5]JZE6OB]@GSZ{()W(%(@XKGI#!V= M[KRXO'@+-
&E*LPT5I6B^2+B@RJ0M2.+OLZ,.PCW.AX?NO%HV&DKH3U(AE'+[·M!3T]0YPFE^X3$)^>1U6_J,K$=7SX"_X?3:.1V/T6SE_:DK/#YF0I?V=4%LDQ·M?VYBAY%1"3AXNT,)9!YY-
C0RY0ZD_4KO*,+:P?1QSR.,F(>,.)81A&AXCMC@·MV#L3&4YG7_(HB,LX<-.1MI$K%V4EG=QH++\G$3>MD,]·<0 2972T·Z;BR#C MY!&XP>M^B->@&T8O<5C5@]%;F({]|[OW@IUFX(9D,1ZQJB?
DY; 8UCSN&/1T^ M(W11YBTI',T@]KGJT?%9.?\IH#6AS,0I9Z:T5X[OBQ0R2KPB0:.VBO0=?BR7T1A\T;(LRE:::M8>GK'FLJQ=G2*!\F:FF3V0N58 M:$%'W&W7XMUC(V"KA 8G_-(N)~XK?
P9!%AD/_>!CKZGQS/LP_%I55^H,G$7Z M#F'1\#?B[56TZ=$4>7[*'Y9WC[_\?@·H?9=4P!'8.W8)KT[&1P=/.+9D?C3E MACXSORB;IES3GRL%=%KA W ?OUUM?N $6'!*X+W\7U!+ P04 " !O@0A9
M)U\]=9$$ 1$0 &0 'AL+W=OS\PS'L?T·D)^52F)D]YQE6_E6]JNFBW59Q^3M6Y6 '' PLA M&O0*Y;T<|,1:9XS#O21JG>=4?AM")C,]M5]>U$TS8,M5&T\[T5G0)4]·(JWN)LW.%DK
F)V'R";3Q=@O>+3!5/LMGJVBT2KY46^=88 M/<+09+W_ITS8/!Q@X6P.G\+MSL'!XZC8!_K/DY<6V+ M.+:,C->'Y50+<L\]30(NC@5>5XGK'<-V.^?1,ZMON!_N MLUU0'")0%05*A('?*GG[P9F=M=%
M/*[/&#K)T018Z1NOTS,KHSH6E&.K:·XQ?/!A:[%8O=DUD<8=02>Q2Y5]T M0AYC(4T&3.LBM]B>AU0QA>U!I^0*%B#EGNUC9#;6)2?T6Y(·KLA*RZ.*,Q]G:A,TXP7VSHBPA\(1'D
)%*,=TZ!!\XZT9+9.U M@_R·^}8=A0?S(·S(K>!G<<·*)2BO;3T#]J.H&D>NNZV,>,?9$3>'*<C·RMP M!(,*\;N*\4_?]R<403/;KUH$^[RAG>\[-8'3M8*N?930=YWW+SQRK+ 3O9!V·MK-
!\MAPFNRS*>,·LK^Y07MBIKQY8W.Y3K'3=6#X9HW.6,^(/?'E>%>6N&;(,.9?*:(R?8E#]·!1J;X+1D"$L&>=H8O3&·$V1 MHT@T2NY!,I$<*[?F*/ZK
^9G#IZ=SM%?/;C'1%RGU"=8B8W5!WT&9/9EP5G_M"}K7"(**H!!>I3VG&>5QR=2\SM*JH*56K1W/ZGIN76!;H>?5!:$5.5%=X%NN MW_19%585&YY^M_$5PZU6A'"%,"9-
IA0_)_',RW.FBN_[D5#ZZ#=++\S*_:@=[_M[3'F6)Y[0)05=:W7'V.NY02U#R>KBV?C]BBK<924'*F"HWC/46PX]CF%K=BN M'W*FW#H-M1-5M1.=7#N7N8GS.RUB?6TM-
2_[_VU/SY/X,V3[GEVGWO8/M,) MZM4:,^+KDN;ZR5M+KO7Y;7W+UZ^6?!#978^13)8(&F M]GF 7[NRO("7$RU6Q:5W+C1>H8MA"C0!:13P_4((0)N8!:I_009_5!+ P04 M " !O@0A9$E-1#E((.S'
&0 'AL+W=QMOVS@2_U<{;[%(#76^]$\@_1-=WMHTZ!.]W ?:8FV>95$+4GE·ML7_]#2E9HB+9FW:+ZQ?+I#C#>?YF2)T],/Y5;.F1Z+'(2W$^VTI9O9G/1.HE M!18GK"(EO%DS7F
)0IZ9BXH3G&FB(I^[MAW."TS+V<69CKOE%V>LECDMR2U' MHBX*S)^N2,X>SF?..#?QF6ZV4DW,+\XJO"%+(K]4MOQ&\XY+1@M2"LI*Q.GZ M?';IO+E*U']JX]*'H3Q'RE·5HQ]58/WV?
G,5@*1G*12<<#PN"<+DN>*$8CQ·M9)MSUFV!"W .,^[OM.Z@RPH+LF#YOVDFM^>S>(8K6991U*<C^SA]]}JT^@^*4L M%_H7/31K(W^&TEI(5K3$(S%!R^:;)'UU!L(·R$-J]#&'?
D7'GR/C%CORD3PH_.,\7 ^>>JOC2=\933#G(/I MT0CT[<=8E9 IKBB8E/ZE (4AMI+@^OUN0·*64*G3 I4S4/+#!·1H M1#1S_I"G+': DR6@N\3S=-M/R'@ZW32T':P@,C>5K^501E*LC]IY O/$FKFW9
M=C"6')H+,.Z_)143M$7%Y@AJ,@0PK3"=PDLKL_0 M3RP7@%;9: DE{(9) CS1YS8$UIP5G9$%>]!RV[6P IUH?W5TGH6N<({+E*T
MOI15=R6L[*XAE,TN=X'PN0^$$VV]NRW1!+A\0EN:LWRG#THG)·.B.9F%S)!*/Q!:2\ZY+WL9=.*1*?B9?+!9,,.JB!X M,5/_!,MIIH]+J]9.^@I4H".]FM4'9!2'/_XL\ZT8H6^4C(PU \D)K<@S>XG$
M\D.,$GY30^6'\)@#4@W:.9JK.[.FI@2.*XXYFH6MUHI-C"0.<\Z$]>NQ%5.]M·5(<$NO$F M*F^,UAG=XQO0%V?_K9O00$?8O ^TW. ^?K9X.H!'B;KX+'">MA?$[!B/F&E@(V6P.]?1(%,\2;3U3·0+)*?
O9:,0FE2/_= M$@S]!:>S6>M0.U ;=*+_P%02P,$% @ :X$(65+W?!OH! 2@T M !D !X,"!W;W)K&ULQ52:,N.V$/T5PGM! F1M M6);E.^L82+
(IFB)!@_5V%WVDI7%$+$6])5+0[XSE"S+L:/FI>B+S=O.G+D= M4O·';7[:#,"QIUP]>L;+G"M.!P.,9)!SV]<%*·Q9.Y·SAU5/{"% 9YZH5P. MPB"(!SD7JK>8^[4[LYCKTDFAX,XP6^8Y-
\\7/(7C66_8VRQ\%?>9HX7!8E[P M>UB"^Z,X,S@;·%I2D8.R0BMF8'W6.Q^>7L1TWA_X+N#1ML:,/%E!_9,FU^E9 M+R! ("%QI('CWP·<@I2D"&'\5>OL·29)L#W>:/_%^XZ^K+B%2RU_B-1E9[UI
MCZ6PYJ5T7_7CKU#[.R9!B9.6 [+'ZNQXU&·):9W.V%$D M5_?.G:@XM@6GP MBD!8"X0>=V7(H_S"'5 ,C7YDADZC·AIX5[TT@A.*DK}T!G<%RKG%$=7\VK)
MCK[QE01{//\X5$I;@Z16<%$!"%]1$+.;K5QFV95*(=V5'R"8!E&X0701=BK\ MK51]%@4G+ S"48>^J/$P\OJB3@|/#WE6*8X."U({G-J")W#6PWJW8!Z@M_CX M;A@'GSM@C1I8HR[MBR6V5UI*8'K·
;@#KBET|8:=9. 2T6]7'=],PB#ZS_^O_M6V8 =L_I 81+!)W%S9BF>_N4$I9M^HM;H!P(,=T+=.,^E#!%6(&IGW+)K,VK/I M]#6;O$%[-AFR9:,.^^3
Y+5"KE+VP(V@ZG]AXVAXO,4V"5LXXV8\FK;&T8A] MTX[+5[`&XV%K-IZUT0U/PE&\.P &'H,O #HNTX#*$RX023] 1[P36SC!D>157 M;=''RM8P;8$H[!,Q$&$PHUDI_+T-
^+C0[*7E:37>;_$WPAHUTN\'NB@K-.HR2AGUAE.M/B)2I;84^#&_BC MM0+RH\^^'\Y!K95A&0B=6N;[4!'0P@B\1(1\QH DLDR]{WE.5O%N8G0=.5#> MER3CYAYLOZ-
IQTW3CM_(YU,_=5OZK/MUK·MN2^00+[*=$3#0WWXPUl&%F.*<,;&K-/<=VVHZ_!$@O),+W;J98="<6>@1M[MO(?NV4V%372IL*2Q2'U1O##')%:/D-@·9;'FC9MP/0O:A96$6 MLP\=11
W11" N0ANN2M·919G+Z0=9OJ4!5TFWEK5O_$(!.GDMF=A)G/F;$ M(3ZG1]OT663CBC6.6YPSG8SIY+A9&I[$2'RX%++>6(N117)]TEL*9KYAILS0+ M9[2P37,,R&O5:.8]4JW60
MFTX#GF25X;X/RW7EA_5N)Z4Q%/@"KU4"B\!B@%NH\·QXS#?#^=!EAZTWK!4'1[K5TZ^0BDWU?ICAQPX8.H#[·ZW=9D(&FL^GQ3)02P,$% @ ·,X$(65LA0G^(M!0 JA, !D
!X,"]W;W)K&ULQ5AMND\X0S(O!)DT\D^2$HE·OEJ M*'(,.·*#TF3H6)8_3&F<#:,'NF .I\>LD$F%!M-Z) MBN2.L7O5>!>=#"SE$"002H5 \,&!.L=Q1 M >P@M9(O0O>:ALK0$)"R%96@U&#]{X
M*Y_TL5]'YPQP]@&.]KN<2'OY%Y5T>LS9 :"&M'4BPY5CT;GXDQMRD)R·!KC M.#E=77+)·K6991:"M*$Z5WOH,#T\Q25E+((!EC'KPW#IB%5FUZCFM5!=L6RC MTVM?C ,.$[3/·
*YE6FXM19ZfYXNK4ZW*U@,WV>EQ_%W/<+OI<0:RMGTF$4 MF)Z_X]E.BN(QJ?571OL56#TL"FH6!<|F415$ YF:]>VB4_\DOS,O+W,:^P? F M.J%C*S_V0L:. 1<&>#W M)6 RVU 3U·=ST_\
4$L#!0 (&^!"%F(,W@4J0. ($+ 9 >&PO M=V]R·W·H965TRZ>Y Y MD4-9.#FS=DI5$]N6R0Y**]X!0PU&1XX3VB7-F36? MFKVUF$!YK8JE;$UW)AO.G+7Q-9Y:C 4$!B=(1*'Z>
MX0:*0@=^&\>8UI=2NW87[?1/YO:L98-E7##BS_R5.UF5F21%#):%^J![[_·ML1X#,.&%-+]DW]B&H4626BI>'IT109FSYDL/QW/H.43.=QR\HX·G<#>)#.I; M]NA*OB=("&V·T?3"E&J\$5S.]*7$2]
V1S\U7RT?R=25S?W=DOS\ZWT_^·E3UXJMXDY?#F:?C@36=$$9A:^ M# GB&.SY^W=NZ'RZ@'7881U>BCZA2&F=0&$9V1)!+YCK;6WB_/"*A6X$_>/W5JNZ!$$5%Y·70:R0
M[W*6\)*ZK9^(.Q@Y04\!Y$?Z.E]U^O)HX$[=L@M,(XO\VU%U3F"=D;LL"R MZ#,"W@*1^BHE0=;4BK{ICS*·!Z(YXF@0!>,.^=A8P$?>UH/";++$/6TPV3·MYD6M>8\@8R1/A%>:"^6 U.P9I$:
.97($[UL3&J6*S1 %!VJC.!!ED2;["L@YEX/K=VAUX[NBD\?L: M·QR36UT AO^A(QL/7_·KB\XH[! 9.#H[P7$8_6O=WVN\"L_+5/%ZV_S3;]·V
MI\YUKISAF>A&YUK_7'NZATLQ1A=C1!>X,.BX,'@S%UXSE7^\;?LI;MIA>4B* M6A·&)GCY1K]\G/+_2X?WO:=Q?/C&WO7.4;1R_[OB[.·%AB!!CW:0%8.1>Q(= MLFQY(#8NZY$'UBT/O
:BO__(%2U.PK\G.BY?ZBV[-O;A\%#'2N:QFJIF0 MNMUNOKQNQJJ3>3.&ULW5AM<]HX$/XK&O?EDHXO^!U(@!E" MTI1.W@:2N\ "%]"I+?DE0?9.?RL9C &'!IW.=>:^8.]J=[72\^Q:HK/DXIN<
M$Z+0LSO M!4B.,DI",\(DY0P),NU:???T/·+VQN O2I:R\H[T2B:8(5['<&?2&AKB*92S%*·R1'F09EK 2,4O!3O<'C^.'NYC*$^K<7Z.KR M[FK4O_\R'*#A[>>
[T4W_87AWBXX>\"0E\KC34#"C]FO$]^CG173OE>@1NN%, MS26Z9 E)MOT;D&F9KK=.]IP[&/#K@IT@W[&1YWC!@7A^N7S?Q/_·?OFG=)3 ·"))/ MA"T{F@]>H2%+Z!·-%CA% \,<(B0:\"P75%
(V0_T\%_R9 I5^)·H)BI\0_K=#784GZ#G M&>28P1)&4GP2(,.#.P70.(HYCOM'#@L2$/ND:A0:58A83B8XHB]·%HF''66$& M[@IA0'O!)C1-27)L(M@&X;(4W>8.8H-]$"]\7;=@_@>
MZ!%AV2/"'^T1$IV_H"G^9P+G>9_O Q[4B MU,3[B]$0]Y)]VFW?VU"O70E3[H<=MC<:.HB<:S"G#E1'.XVSSO6D'GKN)VH*A M$9%]W13@*)8F%>/0B0JCM0H6%:0V"7@P],
5M'"Q^}MEAJX=A2Y4!C.U@YH MM:,K_EW/US\F_S]"'^I'=#B,4A·MPA';D^B@,7R6B(:*S6;.?@UM@MYH;DWTF MN]{=''OWM/NL&MM]L?8^#8-
4.O&T2NL+B=AMY{@'VM3R[W=QG'ZC]R"G4!.IU M5/;KZ,W]^IJSV9_7<%=)4%]*HJ2·;N%V·GES]SX\U;~T_A[3;[^V^W3?IM>1 %

&!Z3\&>P MXINAYFM@A=65;6!'$T&E"R U1&"S1YD?5-EBV]"6(IXYO3 M\300>7QT???EZFX\!?/T^D"C.^_SN[OIG>+.7@/9E0,%L]? 8I78/H[#1(A M'P=O)YBC(&3O1,CW^02\??,.O %!#!8;DC(1RP8Z%\PDQKL65SO69@G6'Q. MXPM@&3U@&J:M2!^WIT_P4J3#+-VJ[^NB/XI.,8M..3,\^P3>H?(>F(5(E%SK M@![X2 E3%KE'=3 4.7^V(}^-'26^@;ZNU**)B;$LYO4R0/O9(BI $;$\^)/=4+'?O\"I\'IO>W.?.**O"NL[I]/F M;OQ^[5;.^'"\)1")+]D,.."E>1M1LL;.SCKNZ&65YEN6KJ3H%5:>5ZIA2BF KAER<+UF"EGBH"948IENLC?[!|!K&<!]7P[PBL5]Y;E.N>93*XC;Z' MIF&91PJIHAQX8C!Y'8SEN_<]C9C M"!7#(\E)Ll@?/Y+LFJ9$?9N=. _.EL63Q'(/>4>0)BKGUDA=?RK64%?F:)EEY M/5!7U>9R//"X7:YE&Y?M\((/ZFZ>\2*.]/BQ6XW)3R&C9%DJ3,7.<8)O&<3;Z MN6K/W1DW*9I5+S>R21_N1{1T;<3G^+5NFL:G^-N-M%*/LC] MU\U]41^-#RC+.)59&><9*>33]>B67@IOTA1HK_@MEB_ET6?2-.5SGG]!#GY>_M7H^=*3@:_H>?_Z&+MK&UXWY')5RGB?_ MB9?5^GHT'9&E?(JV2?4I?_E)[AOD-WB+/"G;O^1E?ZTS(HMM6>7!OG!=@S3. M=O^CK_M.'!6H<L-M)A5$4W5T7^0HKFZAJM^=#*U9:N QQGS9WU4!7UMW%=KKJYN_WW[<& M\B%K;K'!JKR*$I/>.X*@)6A& MP^<:;OH$_M7X^5A(L!JV0IY%R3$IA8ERXG>2BWZ_B'ZOG4G6RRVZ3;*KG4 M.AP@P{(#/ZK.A>3-M @FE' ; JM@JEIX_OT? M]*!%W>ELTHD^6 G;Z)]%R3$IA8'2#YACCOWD$/L)&//O'}J;ZN)(_U5W@IVU< MU/=_W)7&%/Y)KV)3S^T$?]+KO-/)3+\F[./08!IT0MH'HA. $WO)M!)L$05?/?.D ^:O09->M'10M/)2V>;]13]0'T'PM-UU,E^A3.)(>[.O1U ML.MBIM!S5+00%8VCH@DL-%UJY2I0V%.P[+J82?H<%2TT5#]#[#JMZ'HW@.6 MFJZH\B@H;%*$\EDF^::>:C[*O3K+DWSU:M02,^>?HZ*%]&@<%4U@H>GR*AN$ MPCX(0FY'^_Z%ZP6T:\/"%;&6M. ^&$@Y*JDPM)02L**HU#10E0TCHHFL.!TH96EPF!+Q6ZR M'(9BXSJLYQHJ#<\5T2MA\\"TP55'@V#/9JAGCNF"*HN&P1.8Q$M91:E]:PGJWMO MZZ^#H/ZLN]H#K\>U MHGY.;MOCY*B=CE>*SO_BT)P"]W\'Z?D>/DJ-2"E,KA][C.>5U.CK&!II M3F1XJ&M&4.%"5#2.BB.PT'2QE9O"8#?%<$)ZG;D^BISI0%7150 MS9+S2#DJJ3"23J9L0 =E;{C6]H9=4N?VDWXVZ;ZV@RMA+4#?V^A1<#5P,5C:.B"2PT75IEEKBP66(Y"<1T(.:H M:.&)A@; !#55\%"TP55!HP+&S"JKP()&ZK=@HH6H])O5#2!A:9+]^P6%]-N M@<&L14:U6TT%$S84/T6+#3))]+*;_%@O^5CGBWR=*.KN-7T=E5(F=;=U_AB M#L:R%105+41%XZAH @M-UUC9+!ZFS0*#68N,.K.<:*@[W&E1ZR&PT'1!E>B&>_?XA]1N[U[8(+ M@P2HMLA9G!R54WA]*^9B6(2CS3U@6V2>EU79_*3^DWR6V5:.!RS4E22H.'$] M&D=%$UAHNK;*:O$L?N1SO&M"!5;!Q=DBV2[K<]ML*0MRN!T*Z';H>Q/^M.O MF"ER. {LNA(.+*.UM$6*%RNG87P(.OQ<&6UDK'FRM[*+7O&WC7SGB*&Q%LS!?P/U'2,N?.0-8*3=140]ER>N^M&"YRNX9P:+C(IW.U:HZ/XH1.#M&W_^&A'N\06W@.^&A'N\06W@:OP7K6U]C>\,7?UZYR_HY=S:C@? TDN^V[U0P>\V4_P0%;LX*TDBGVHJY_VD-M?F4@N_T)=P=5OFGWT_N<5U6>MA_7.JK5:RZHOW-#\^K;04-PV"7RY@l02P,$ M% @:;X$(66?QA6.K @ #@<.!D !X;"]W;W)K&ULE95K;]HP% (;_BI554RMM30CDUH5(0*G;.6U1H=MG R?$:F(SVP&V M7S_;H1$;;M&^$-_:^[PGY!RG6\9?1 $@T:XJ]>@[A93K*]<5BP{J+"[9&JC: MR1FOL%13OG+%F@- >FJ"J='W/"]T*$^IDJ5F:\"QEM2P)A0E'HJXJS\-H63; MOM-Q7A=>R*J0>L'-TC5>P13D\WK"UPSR?0>@M6"O.+MONSGH,6M9'LV@VO#QIK_AK6O-;U$?>\3\CV_AYZGU^C\ [.)O&5=EVZ;LMRG[1K?[GRG;'#9* M/:N2+I@KL<8+Z#N](@3P#3C9OP^=T/ORCL]NZ[/[GGIFTC{GH$N+T!429(F[L9BH==:Z)VR$-A8351PP.IZ861(!2TK..4* M:;S@B.7'26QGA2TK/.6*:*SPF!7U GLK:EG1*59L8T7'K%XWL;/BEA6?8B5(M51N2!:@6G4O@-G1\A.ZH2#LZ:=']N^@9DZI9Y+6L.2!\V#-@IVX0-38CR?$W MVXV3?S\D]Z"]Z9OB'O,5H0*5D*LX[S)2F?"F^S83R=.FX\V95/W3# MU80'7 M!]1^SIA\G>@5UG:C9&.;X$(6=.C/BX@ P T@@ !D !X M,"]W;W)K&ULK99O3]LP$,. BI6A";1! _C5IR]I(- M&W_YRNX9P:+C(IW.U:HZ/XH1.#M&W_^&A'N\06W@.^&A'N\06W@:OP7K6U]C>\,7?UZYR_HY=S:C@?

$A>"B[TT,L1RX'OZR2'@NJ6+$&8G;U4!443]LS7!0*:,E#! M_3 (:^GY!F?#BR*VM51S)"CD3L%9$5T5!U>L8N#P.O;9W7MBP+$>[X,=123/8 M CZ5:V4BOV%)60%",RF(@OW0&[4'XY[-=PG?&!SUQ9S83G92/MM@G@Z]P H" M#@E:!FJ& TR MH^KQ6Q#1LLIN9^M M[C>C]<\0N;+N]5F,7JQS>)/Q:B1;I!!(&(3=&WR=YAPZCJ_S_^"

'[CS\R24?NKJ5ZT'/.#7I,8J%[SMR8Q7FKI<,Y3Y@^D@LN[)6I M5 DS]E3-6GJA.)MD1DG<\EVWTTI8))Q^.QN[5?VN7)HX$OQ6(;U,$J:^#WDL MUSW'<[8#XV@V-^E]]I=L!F_X^,KXE;9LU9!F40)%SJ2 BD^[3D#[YSZ;FJ0 MS?@KXFNlS/W3/.1C/(^.)F,>*&.= 47K2*[K MH'"IC4QR8[N")!*:7 .;8!V+'P'+]#?S]lL[_D-@):.>!%V?QOVH=)(M_'.JCE#@_HY\UV_7+&CTYYTVFV,>6G.OSKP2RZ!(X2#CM9_@ M;9 SR$4XM^7Q ?U?IM^@+ML:>6OH/[<+%O*>8XNUYFK%G?ZF[W!R.^T>=4I P M# DCD# *!*LHW"X4;F?TH%EAC:9*)H@\&J]X$BW/TA*XVI6R;E(05"?A6M+>)%)+ MZE0GT<:,_LF0=HJ0=GZ^=@[K(MC(._2A@81A2!B!A%$@6$7ADT+AD[>HG2>0 M:0)PY P @FC0+!*&IP6:7#ZJVMGHX-#)8>$X=.:,.NOM574"Z9$"P2I2GA52 MGC5*.0A#N13V&1WSD$V9CVQ0GQ2*5E6T,#=YS?VF9THYKI40 M])N32PA)PZ T DJC4+2JU&4;S.N\22D'[9:!TC HC8#2*I2MF@UER\QK;,6 ME'+0!ADH#8/2"'"B-YK2]UXSWO%=YV?WRFMM?SY1R4BLA:.,+E(9!:0241]%H M5:G+[IAW]B;E'+2%!DK#H#0"2]-0M.HVB[*.YC;.'0Y4'I>&;/2#%.:+&3;9#MW!H:'WKG(Z]F"'OG M9+-/K<1OMLU=,36+A$8OGUI7[M&)_095FYUHFQ,C%]G,J7ML;)DAW/.)ERE M$^SUJ91F>Y(Z*/8#]G\ 4$L#!!0 (&^:!"%E=7*5"7@4 (B 9 M>&PO=V]R.W H965TY^#; MN+?&^1.)$;+@99%FI*_%E"[/=9U,8K2(R!E>HHQl,V{(+L1_K9)FC;%H: M+5(=&H;K+Z(DTP:)6 _+E'*UWW-U%X'QLD\IL6 M/N@MHSFZ1 1A.!;,8T20 MC],?R93&?:VK@2F:1:N4CO'Z*ZH'<@[^"4Y)^1>L*ZRA@]D1L&3 >L0&L#"!O8.\OL"H#ZU /=5(G^ K!0$*T/5 [&?B@HA&@UZ. MUR OT(RMN"BS7UJS2"59L5#N;F4S,3PIT^]65UL9@7WS,H"SBC,0%A-D53 M@7T@MWWBR]U8R MK'K-6"6?M8>O7@VS'"] ^$)1GD4l\,O5BG("6-'!.<[FGZ^9"$S!D!!$"?C[MFO& *XH6Y!_1DM@XM<5."\$\)\WMD\4T2"\F>D#*7[_S72-/T7U4$D6J"0+ M%9&U*F?7E;-E['7E1.G?6+]JE9?'S\CRP3=_KS=EZ%*(.#!;NH+O0Z"'"H4 MH2S7]%&M$)TZ1$<.XI8\^3B;H(SF4?F3-$!($_CW52+%!)%BHB:U6N4U>N<[*(= X2$2%]M1T1V42(1$:'VBDBW#K$K#7&$\)D(YV$X9X!F0!;SA\;.<\\&^B0C>1(0R1"M MKP[04ZN2;.PA2RA[$.)I1,6YD+H\\ME321:H) L5D;7]9AK-?MUX#]VLO"HJ MGE*V0"E;J(]M7;^M?LL\63TKTVTO,SU8[-E;BB* ,9#E<;(B@%FNY[BWR48M0CLT'+>1R^)B%7,Z>D)N^R)1NWD]2-M53],LDB8%;7]D%*V0"E;J((M7;6F)S+M=U%4:2MV=/U4L@5*V4)5;.WZ-0V? M*>_XI-+B[(A;QS .7EH$*!ORVS0!RC2[CL5KBP!F6YWN'G%I^B53NJD_1D]= M@:J9'3YH(;K+!RU$V7S,.W"U0VX.#5/>.9RBI]^&H^&M,"M27T<_CRK9 J5L MH2JV=M6:WLGLOHN>2ENVH^NGDBU0RA;J8FO7KVD-37EO*)46,U M!Y2W'I?ZI26J(Q@C[U'DJ>AES(?=[I*.IE"UO6A;J8FM7

ML.FI('P/.8723N[H^]ED"Y2RA;K8VO5K&D0H;Q"E,F/M2]O#"X@O0'C0YG=M.M.I1I>S;D=48 Z]B>MT=HFHX*RE\S';&M]@&;4% ^(@I /^A"N4,S%_SM5WWJC MSAZL>7F4@8)7F5T]Z*T']V/2PS+0P+<^(5Y[IN"|< .\#S>'(1KZS=E,FRB? M)QD!*9HQ5\99A_43^>:.XP^;&XF7Y/O\14_;4EYE8EF\F)*)&T$R?#7C09"L9 M1Q0",.0J20A_N<"8,5J&;.P^&$;+4.H'9M!K.686E!&_4-@;B,FOL8!QK(B7C M;\YI%$MJX/:XE?TJ\Z\3(C #HL?HYD.6T;=@!G.R2J60[.YP=R/I_FF+!;I M%39YK67 ="4D2W*P4!!$ +N3YSR'+8#M? @!PA='D]NWD<+)H#,>/?3O+H?OON_"]67 >M@>W/0Z MT+N_Z@_OV@^] CVX!K9@I E&$VAK1H(#KLH212+ M(P48C[IP>' $!Q!1> C92A Z$TU3*LEZ87.:R[OIY#D?R/NYH]=0LX[!L1RW M!-[9#^_B5,'M%%[,A9LJ("(MITC+2?E]' _<8UTA0+FG"5P^2R14Q)#)]TG MY *4RRRLV^VP?M\]'NA)3,2?L@RR1=WR1?5W?"Z69(HM0WVH OD;C>#[-]NW M?I0E4A'93CZU(1_;/O9@JT]

(;OT8*.HRRQF/G_+HATZ\!S?57NTWO;ROLKU M&W6[]-H1ZS4BTM;TBQS222N!($HFE+,D7_MGM](ALQZE7,/6^HEV]*O.IB&PG M'[_(QZ^H73,>;

*[M=K.I3?].N[ZMUZ5H@\VRMRB$("FX,.$1X9CV=E M^O92?'9*B+.:<5LOW-._HF7K5>93$=E./HTBGT9%+=MX]^^T?=M[T[$E137?M>=.PYM;Q0A_M[@A?1%1 C':%LTI/5.?S[+B4321;IB>.'9-JU!)AJ$ZR8'6! M>C]G3+Y.]"&F.+,& P!02P,$% @ ;X$(625XL*EY P 3@T !D !X M;"]W:W)K&ULM52O<]I&$/U7=M1,OYZ)T6^07'6 & M8[MU)G1<".GG0RSHOB<=N3N)9*9 ?.^K 0:IR2+Z"3]CV[W;X[3M5-"M,VO8+\\]B6&?YXK1#)$R#Q-B?ARBXQO!Y9KO9R8TG6BS E[V-^0-MD%D3BF+,_Z5(E RNR8(DKDC,U MY=L_L$HH-'PQ9[+\A6T5ZU@0QU+QM)K!2G-=O_DRXDG2[D^2=D/0NSSK@.V_!<[R@ M 3YNA]]AK,%N"?8X?!G78@6B_%NVWBOXKYTIK?1(T1FG\ M&)7,!29$/)ML]/Z'QR5FBL;$05A]P;! !NYE4S[M$,/FQNY(3$.+/TTD2@*

*MM(;__N)VG=-.'#P3V4%I@KHTP4_Q<\<;_I>.2#6$M?H;UZ+!5]{1G^*5#E+&?B-Y MRK5K#_F)[=5*]5]KSD1VD'6WSKK;FO68R.3P4TZU-I]7&Y/M'M6[%P;A]3>N-M'$=%?N0ZS:,T:GF]'S,%_H'S;\!6+.;IU]4QD!V6+ZK)%_]O5Z+MF77@=UZ@R/2XHF!F7GE446P4VLKU6E?.1:0MNMG02%ZZ>W. ^,X,V_I3=V;[FM8UP+K,#VGV=>-$VD>?\,N^=+0GJU!)H'A2N.

<3D^WDM@-[!N%XIMR_EUPI.?!\C#!'SPH3("^_MON*Z&.]%&;GK3ZCAOU!+_P04 " !O@0A9G!V6=[X" >!P &0 'AL M+W=OY[GS^=$/N7B5$;*"MR1F_MIX%02853Pf_6D%"6?DG:X<]G#BX[AD']^#@%K!+HD+FE"CBIP7/-M01AKC68&1;B%MQ9'F3F4U)ZEVH_Y8]>9[/I:C:9KY9P/Q_#Z'&^FLZ_3.:C MZ60)EV-4A.:R"BZ_EA%/).$A:)O*UM$.S@P#.L>=PS/!L.%.1A D+.?S3 MW]:.*^'N4?C0:03\EK$;N'6NP77<.CPOQW!Y<=6 >ULEY+:.;9 .!?%Z"JC;>$\0H84_H[WW.==M_>U9"W*_)V(_E4)R=A=$,#8F]VEK<1 MP=SA.YF2 >6OJ02O0XM_^.'EN=!;DA.I]+7.=2W0I$ W\|"\# +%+P0(0A3 M^S[=$4B?' C)7C9H\BI-7B/2(A-!9 |K<1W3[?F\.-+\9]ZZE<;NOV[\AA57 M)*Y3VOVKLMQVOW'J2ZM72>@U2T!!>0A\AP+RB 81J AU) G)!55[ )0IAAG=)FRI8+27'IZS)HG_2L!,6VZ,P2 IXQ5;.O:K5]_O=ESWLW M+U^.&+1%;JK7&N-&NSDU?EYXHNW$Y43PM.N":#IU/BV&D'S 4OD#O;SA7OXDA M]V$_S=02P.$% @ ;X$(61"OW;!:! ;.O8 !D !X."]W:WJK&ULK5AAP!+XU]VLT1Q"AF+ M288HK(>..]XIB!18MO.1S8T3.20WD@Y%$6IM%0.V2/((&02PHL_O8PAB21 M3*(?/RI2K8XI@"70'LC 24'1&5KP28?"GT+M% D MSJ05EYR*M/'

*\=%RM7!?2C =H[F[6,W\O?)N.D=NL/#]>W^V0M^G]SOD>M_< MV)(-="Z&(SNEAU77;\NN=]_INHGN M2<.W#/E9!%$#?MR.MWZ%]OQ3@M>%S+46G1?M+CMMA+^G2<=9)F24=?H&DWC M^14\$W"(M;

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Contract Balances (Details) Details 31 false false R32.htm 99940204 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Deferred Revenues (Details) Sheet http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersDeferredRevenuesDetails REVENUE FROM CONTRACTS WITH CUSTOMERS - Deferred Revenues (Details) Details 32 false false R33.htm 99940205 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Costs to Obtain or Fulfill a Contract (Details) Sheet http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersCostsToObtainOrFulfillContractDetails REVENUE FROM CONTRACTS WITH CUSTOMERS - Costs to Obtain or Fulfill a Contract (Details) Details 33 false false R34.htm 99940206 - Disclosure - REVENUE FROM CONTRACTS WITH CUSTOMERS - Additional Information (Details) Sheet http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersAdditionalInformationDetails REVENUE FROM CONTRACTS WITH CUSTOMERS - Additional Information (Details) Details 34 false false R35.htm 99940301 - 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r48", "r695"] }, "us-gaap_AccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableMember", "presentation": ["http://www.pdf.com/role/DisclosureBalanceSheetComponentsDetails", "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuePercentageByMajorCustomersDetails"], "lang": { "en-us": { "role": { "label": "Accounts Receivable [Member]", "verboseLabel": "Accounts Receivable", "documentation": "Due from customers or clients for goods or services that have been delivered or sold." } } }, "auth_ref": ["r636"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Accounts Receivable, after Allowance for Credit Loss, Current", "terseLabel": "Accounts receivable, net of allowance for credit losses of $890 as of June 30, 2024 and December 31, 2023", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r844"] }, "us-gaap_AccretionAmortizationOfDiscountsAndPremiumsInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccretionAmortizationOfDiscountsAndPremiumsInvestments", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Accretion (Amortization) of Discounts and Premiums, Investments", "negatedLabel": "Net accretion of discounts on short-term investments", "documentation": "The sum of the periodic adjustments of the differences between securities' face values and purchase prices that are charged against earnings. This is called accretion if the security was purchased at a discount and amortization if it was purchased at premium. As a noncash item, this element is an adjustment to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": ["r75"] }, "us-gaap_AccruedIncomeTaxesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedIncomeTaxesNoncurrent", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Accrued Income Taxes, Noncurrent", "terseLabel": "Long-term income taxes", "documentation": "Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent." } } }, "auth_ref": ["r53", "r97"] }, "us-gaap_AccruedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrent", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Accrued Liabilities, Current", "terseLabel": "Accrued and other current liabilities", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r50"] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "presentation": ["http://www.pdf.com/role/DisclosureBalanceSheetComponentsPropertyAndEquipmentDetails"], "lang": { "en-us": { "role": { "label": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment", "negatedLabel": "Less: accumulated depreciation and amortization", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": ["r32", "r157", "r522"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax", "terseLabel": "Accumulated other comprehensive loss", "documentation": "Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source." } } }, "auth_ref": ["r13", "r14", "r63", "r164", "r518", "r547", "r548"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfStockholdersEquity"], "lang": { "en-us": { "role": { "label": "AOCI Attributable to Parent [Member]", "verboseLabel": "Accumulated Other Comprehensive Loss", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r1", "r7", "r14", "r413", "r416", "r461", "r543", "r544", "r823", "r824", "r825", "r832", "r833", "r834", "r836"] }, "us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife", "presentation": ["http://www.pdf.com/role/DisclosureBalanceSheetComponentsDetails", "http://www.pdf.com/role/DisclosureBalanceSheetComponentsIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "label": "Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life", "terseLabel": "Intangible assets, amortization period", "documentation": "Weighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r261", "r650"] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Additional 402(v) Disclosure [Text Block]", "terseLabel": "Additional 402(v) Disclosure" } } }, "auth_ref": ["r750"] }, "us-gaap_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Additional Paid-in Capital", "documentation": "Amount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. 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Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r17", "r72", "r180" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect", "totalLabel": "Net change in cash and cash equivalents", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r0", "r72" ] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "label": "Changed Peer Group, Footnote [Text Block]", "terseLabel": "Changed Peer Group, Footnote" } } }, "auth_ref": [ "r770" ] }, "ecd_ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "label": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member]", "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year" } } }, "auth_ref": [ "r767" ] }, "ecd_ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "label": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]", "terseLabel": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested" } } }, "auth_ref": [ "r765" ] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": [ "http://www.pdf.com/role/DocumentDocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "label": "Company Selected Measure Amount", "terseLabel": "Company Selected Measure Amount" } } }, "auth_ref": [ "r771" ] }, "ecd_CoSelectedMeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureName", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "label": "Company Selected Measure Name", "terseLabel": "Company Selected Measure Name" } } }, "auth_ref": [ "r771" ] }, "us-gaap_CollaborativeArrangementMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CollaborativeArrangementMember", "presentation": [ "http://www.pdf.com/role/DisclosureStrategicPartnershipAgreementWithAdvantestAndRelatedPartyTransactionsDetails" ], "lang": { "en-us": { "role": { "label": "Collaborative Arrangement [Member]", "terseLabel": "Securities Purchase Agreement", "documentation": "Contractual arrangement that involves two or more parties that both: (i) actively participate in a joint operating activity and (ii) are exposed to significant risks and rewards that depend on the commercial success of the joint operating activity." } } }, "auth_ref": [ "r404" ] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "COMMITMENTS AND CONTINGENCIES:" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname",
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Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r917"] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": ["http://www.pdf.com/role/DisclosureIncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r380", "r683"] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Employee-related Liabilities, Current", "terseLabel": "Accrued compensation and related benefits", "documentation": "Total of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r50"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized", "crdr": "debit", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNarrativeDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount", "terseLabel": "Unrecognized Compensation", "documentation": "Amount of cost not yet recognized for nonvested award under share-based payment arrangement." } } }, "auth_ref": ["r367"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNarrativeDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition", "terseLabel": "Unrecognized Compensation Recognition Period", "documentation": "Weighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r367"] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNarrativeDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "verboseLabel": "Outstanding Options", "label": "Employee Stock Option [Member]", "terseLabel": "Employee Stock Option", "documentation": "Share-based payment arrangement granting right, subject to vesting and other restrictions, to purchase or sell certain number of shares at predetermined price for specified period of time." } } }, "auth_ref": [] }, "us-gaap_EmployeeStockOwnershipPlanESOPDisclosuresByPlanAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOwnershipPlanESOPDisclosuresByPlanAxis", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Employee Stock Ownership Plan (ESOP) Name [Axis]", "documentation": "Information by name of employee stock ownership plan." } } }, "auth_ref": ["r38"] }, "us-gaap_EmployeeStockOwnershipPlanESOPPlanDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOwnershipPlanESOPPlanDomain", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Employee Stock Ownership Plan (ESOP), Plan [Domain]", "documentation": "Entities identify multiple employee stock ownership plans by unique name." } } }, "auth_ref": ["r39"] }, "us-gaap_EmployeeStockOwnershipPlanESOPPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOwnershipPlanESOPPolicy", "presentation": ["http://www.pdf.com/role/DisclosureSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "label": "Employee Stock Ownership Plan (ESOP), Policy [Policy Text Block]", "terseLabel": "Employee Stock Purchase Plan, Policy", "documentation": "Disclosure of accounting policy for ESOP transactions, including the method of measuring compensation, the classification of dividends on ESOP shares, and the treatment of ESOP shares for EPS computations. If the employer has both old ESOP shares for which it does not adopt new guidance and new ESOP shares for which new guidance is required, these disclosures are required for both blocks of shares." } } }, "auth_ref": ["r40"] }, "us-gaap_EmployeeStockOwnershipPlanESOPWeightedAveragePurchasePriceOfSharesPurchased": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOwnershipPlanESOPWeightedAveragePurchasePriceOfSharesPurchased", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNarrativeDetails"], "lang": { "en-us": { "role": { "label": "Employee Stock Ownership Plan (ESOP), Weighted Average Purchase Price of Shares Purchased", "terseLabel": "Weighted Average Purchase Price", "documentation": "Weighted average purchase price of capital shares purchased through an employee stock ownership plan." } } }, "auth_ref": [] }, "pdfs_EmployeeStockPurchasePlanMember": { "xbrltype": "domainItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "EmployeeStockPurchasePlanMember", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "documentation": "Enables employees to purchase their company's common stock, often at a discount from the market price.", "label": "Employee Stock Purchase Plans [Member]", "terseLabel": "Employee Benefit Plans" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r724"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r724"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Securities Act File Number", "documentation": "Commission file number. The field allows up to 17 characters. 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This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": ["r724"] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": ["http://www.pdf.com/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has 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including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, by class that are measured at fair value on a recurring basis. The disclosures
contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating
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Risk is the materially adverse effects of economic decline or antagonistic political actions resulting in loss of assets, sales volume, labor supply, or source of materials and supplies in a US state or a specified country, continent, or region such as EMEA (Europe, Middle East, Africa)." } } }, "auth_ref": [ "r25", "r636" ] }, "us-gaap_Goodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Goodwill", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsDetails", "http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "label": "Goodwill", "terseLabel": "Goodwill", "verboseLabel": "Goodwill, carrying amount", "documentation": "Amount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": [ "r158", "r253", "r508", "r662", "r667", "r687", "r695", "r854", "r855" ] }, "us-gaap_GoodwillImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairmentLoss", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsDetails" ], "lang": { "en-us": { "role": { "label": "Goodwill, Impairment Loss", "verboseLabel": "Impairment of goodwill", "documentation": "Amount of impairment loss from asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": [ "r5", "r254", "r255", "r256", "r667", "r687" ] }, "pdfs_InProgressCvSystemAndOtherAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "InProgressCvSystemAndOtherAssetsMember", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsPropertyAndEquipmentDetails" ], "lang": { "en-us": { "role": { "documentation": "CV system and other assets under construction. 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Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability." } } }, "auth_ref": [ "r452", "r694" ] }, "us-gaap_OperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiability", "crdr": "credit", "presentation": [ "http://www.pdf.com/role/DisclosureLeasesMaturityOfOperatingLeaseLiabilitiesDetails" ], "lang": { "en-us": { "role": { "label": "Operating Lease, Liability", "totalLabel": "Present value of future minimum lease payments under operating lease liabilities (3)", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease." } } }, "auth_ref": [ "r449" ] }, "pdfs_OperatingLeaseLiabilityAccruedInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "OperatingLeaseLiabilityAccruedInterest", "crdr": 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Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": [ "r56", "r516", "r695" ] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/StatementCondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "label": "Prepaid Expense and Other Assets, Current", "terseLabel": "Prepaid expenses and other current assets", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r822" ] }, "us-gaap_PrepaidExpenseOtherNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseOtherNoncurrent", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsOtherNonCurrentAssetsDetails" ], "lang": { "en-us": { "role": { "label": "Prepaid Expense Other, Noncurrent", "terseLabel": "Deposits and other non-current prepaid expenses", "documentation": "Carrying amount as of the balance sheet date of amounts paid in advance which will be charged against earnings in periods after one year or beyond the operating cycle, if longer." } } }, "auth_ref": [ "r818" ] }, "us-gaap_PrepaidExpensesAndOtherCurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpensesAndOtherCurrentAssetsMember", "presentation": [ "http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersContractBalancesDetails", "http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersCostsToObtainOrFulfillContractDetails" ], "lang": { "en-us": { "role": { "label": "Prepaid Expenses and Other Current Assets [Member]", "verboseLabel": "Prepaid Expenses and Other Current Assets", "documentation": "Primary financial statement caption encompassing prepaid expenses and other current assets." } } }, "auth_ref": [] }, "pdfs_PrepaymentsForPurchasesOfPropertyAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "PrepaymentsForPurchasesOfPropertyAndEquipment", "crdr": "credit", "presentation": [ "http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "documentation": "The cash outflow associated with pre-payments for the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets.", "label": "Prepayments for purchases of property and equipment", "negatedLabel": "Prepayment for the purchase of property and equipment" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromIssuanceOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfCommonStock", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/DisclosureStockholdersEquityDetails", "http://www.pdf.com/role/DisclosureStrategicPartnershipAgreementWithAdvantestAndRelatedPartyTransactionsDetails" ], "lang": { "en-us": { "role": { "label": "Proceeds from Issuance of Common Stock", "terseLabel": "Proceeds from Issuance of Common Stock", "documentation": "The cash inflow from the additional capital contribution to the entity." } } }, "auth_ref": [ "r2" ] }, "us-gaap_ProceedsFromMaturitiesPrepaymentsAndCallsOfShorttermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromMaturitiesPrepaymentsAndCallsOfShorttermInvestments", "crdr": "debit", "presentation": [ "http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "label": "Proceeds from Maturities, Prepayments and Calls of Short-Term Investments", "verboseLabel": "Proceeds from maturities and sales of short-term
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investments", "documentation": "The cash inflow from maturities, prepayments, calls and collections of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term." } } }, "auth_ref": ["r16", "r69"] }, "us-gaap_ProceedsFromStockOptionsExercised": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromStockOptionsExercised", "crdr": "debit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Proceeds from Stock Options Exercised", "verboseLabel": "Proceeds from exercise of stock options", "documentation": "Amount of cash inflow from exercise of option under share-based payment arrangement." } } }, "auth_ref": ["r2", "r11"] }, "us-gaap_ProceedsFromStockPlans": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromStockPlans", "crdr": "debit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfCashFlows"], 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Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r6", "r458", "r513", "r523", "r695"] }, "us-gaap_PropertyPlantAndEquipmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTextBlock", "presentation": ["http://www.pdf.com/role/DisclosureBalanceSheetComponentsTables"], "lang": { "en-us": { "role": { "label": "Property, Plant and Equipment [Table Text Block]", "terseLabel": "Schedule of Property and Equipment, Net", "documentation": "Tabular disclosure of physical assets used in the normal conduct of business and not intended for resale. 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Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r239", "r333", "r465", "r466", "r515", "r521", "r568", "r569", "r570", "r571", "r572", "r592", "r594", "r622"] }, "us-gaap_RelatedPartyTransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsAbstract", "lang": { "en-us": { "role": { "label": "STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS:" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": ["http://www.pdf.com/role/DisclosureStrategicPartnershipAgreementWithAdvantestAndRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r239", "r333", "r465", "r466", "r515", "r521", "r568", "r569", "r570", "r571", "r572", "r592", "r594", "r622", "r922"] }, "us-gaap_RelatedPartyTransactionsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsDisclosureTextBlock", "presentation": ["http://www.pdf.com/role/DisclosureStrategicPartnershipAgreementWithAdvantestAndRelatedPartyTransactions"], "lang": { "en-us": { "role": { "label": "Related Party Transactions Disclosure [Text Block]", "terseLabel": "STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS", "documentation": "The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, "auth_ref": ["r462", "r463", "r464", "r466", "r467", "r556", "r557", "r559", "r598", "r599", "r600", "r619", "r621"] }, "pdfs_RepurchasesOfCommonStockCost": { "xbrltype": "monetaryItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "RepurchasesOfCommonStockCost", "crdr": "credit", "presentation": ["http://www.pdf.com/role/DisclosureStockholdersEquityDetails"], "lang": { "en-us": { "role": { "documentation": "The cash value of reacquired common shares during the period.", "label": "Repurchases of common stock, cost" } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "presentation": ["http://www.pdf.com/role/StatementCondensedConsolidatedStatementsOfComprehensiveLoss"], "lang": { "en-us": { "role": { "label": "Research and Development Expense", "terseLabel": "Research and development", "documentation": "Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity." } } }, "auth_ref": ["r374", "r650", "r661", "r932"] }, "us-gaap_ResearchAndDevelopmentExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseMember", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansAllocationOfRecognizedPeriodCostsDetails"], "lang": { "en-us": { "role": { "label": "Research and Development Expense [Member]", "terseLabel": "Research and Development", "documentation": "Primary financial statement caption in which the reported facts about research and development expense have been included." } } }, "auth_ref": [] }, "pdfs_RestOfTheWorldMember": { "xbrltype": "domainItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "RestOfTheWorldMember", "presentation": ["http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationLongLivedAssetsByGeographicAreaDetails", "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuesByGeographicAreaDetails"], "lang": { "en-us": { "role": { "documentation": "Information pertaining to the rest of the world.", "label": "Rest Of The World [Member]", "verboseLabel": "Rest of the World" } } }, "auth_ref": [] }, "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date [Axis]", "terseLabel": "Restatement Determination Date." } } }, "auth_ref": ["r729", "r739", "r749", "r781"] }, "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date", "terseLabel": "Restatement Determination Date" } } }, "auth_ref": ["r730", "r740", "r750", "r782"] }, "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Does Not Require Recovery [Text Block]", "terseLabel": "Restatement does not require Recovery" } } }, "auth_ref": ["r737", "r747", "r757", "r789"] }, "us-gaap_RestrictedStockUnitsRSUMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": ["http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNarrativeDetails", "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansNonvestedRestrictedStockUnitsActivityDetails",

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"http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuePercentageByMajorCustomersDetails",
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"http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuesByGeographicAreaDetails",
"http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersDetails" ], "lang": { "en-us": { "role": { "label": "Revenue Benchmark [Member]", "verboseLabel": "Revenue Benchmark", "documentation": "Revenue from sale of product and rendering of service and other sources of income, when it serves as benchmark in concentration of risk calculation." } } }, "auth_ref": [ "r238", "r813" ] }, "us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivableMaturityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesTypeAndDirectFinancingLeasesLeaseReceivableMaturityTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsTables" ], "lang": { "en-us": { "role": { "label": "Sales-Type and Direct Financing Leases, Payment to be Received, Maturity [Table Text Block]", "terseLabel": "Schedule of Maturities of Payments to be Received Under Sales-type Leases", "documentation": "Tabular disclosure of maturity of undiscounted cash flows to be received on annual basis for sales-type and direct financing leases receivable. Includes, but is not limited to, reconciliation to lease receivable recognized in statement of financial position." } } }, "auth_ref": [ "r459" ] }, "us-gaap_SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceived": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesTypeAndDirectFinancingLeasesLeaseReceivablePaymentsToBeReceived", "crdr": "debit", "presentation": [
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Includes, but is not limited to, pro forma and forecast. Excludes actual facts." } } }, "auth_ref": [ "r148", "r198", "r335", "r809", "r835" ] }, "pdfs_ScheduleOfAmortizationOfCapitalizedDirectSalesCommissionCostsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "ScheduleOfAmortizationOfCapitalizedDirectSalesCommissionCostsTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersTables" ], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of the amortization of costs capitalized in obtaining or fulfilling contract with customer.", "label": "Schedule of Amortization of Capitalized Direct Sales Commission Costs [Table Text Block]", "terseLabel": "Schedule of Amortization of Capitalized Direct Sales Commission Costs" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureNetIncomeLossPerShareTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block]", "terseLabel": "Schedule of Anti-Dilutive Shares Excluded from Earnings Per Share", "documentation": "Tabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities." } } }, "auth_ref": [ "r22" ] }, "us-gaap_ScheduleOfAssumptionsForFairValueAsOfBalanceSheetDateOfInterestsContinuedToBeHeldByTransferorServicingAssetsOrServicingLiabilitiesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAssumptionsForFairValueAsOfBalanceSheetDateOfInterestsContinuedToBeHeldByTransferorServicingAssetsOrServicingLiabilitiesTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureLeasesTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Assumptions for Fair Value as of Balance Sheet Date of Assets or Liabilities that relate to Transferor's Continuing Involvement [Table Text Block]", "terseLabel": "Schedule of Supplemental Operating Lease Information", "documentation": "Tabular disclosure of all information related to the key inputs and assumptions (including, at a minimum, but not limited to, and if applicable, quantitative information about discount rates, expected prepayments including the expected weighted-average life of prepayable financial assets, and anticipated credit losses) used in measuring the fair value of assets or liabilities that relate to the transferor's continuing involvement with transferred financial assets, as of the balance sheet date." } } }, "auth_ref": [ "r928" ] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureNetIncomeLossPerShareTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", "terseLabel": "Schedule of Earnings Per Share", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": [ "r837" ] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block]", "terseLabel": "Schedule of Stock-Based Compensation Expenses", "documentation": "Tabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement." } } }, "auth_ref": [ "r36" ] }, "us-gaap_ScheduleOfEntityWideDisclosureOnGeographicAreasLongLivedAssetsInIndividualForeignCountriesByCountryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEntityWideDisclosureOnGeographicAreasLongLivedAssetsInIndividualForeignCountriesByCountryTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Disclosure on Geographic Areas, Long-Lived Assets in Individual Foreign Countries by Country [Table Text Block]", "terseLabel": "Schedule of Long-Lived Assets, Net by Geographic Location", "documentation": "Tabular disclosure of the names of foreign countries in which material long-lived assets other than financial instruments, long-term customer relationships of a financial institution, mortgage and other servicing rights, deferred policy acquisition costs, and deferred tax assets are located, and amount of such long-lived assets located in that country or foreign geographic area." } } }, "auth_ref": [ "r79" ] }, "us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Finite-Lived Intangible Assets [Table Text Block]", "terseLabel": "Schedule of Intangible Assets, Net", "documentation": "Tabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance with a finite life, by either major class or business segment." } } }, "auth_ref": [ "r668", "r862" ] }, "us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherAssetsNoncurrentTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Other Assets, Noncurrent [Table Text Block]", "terseLabel": "Schedule of Other Non-Current Assets", "documentation": "Tabular disclosure of noncurrent assets." } } }, "auth_ref": [ "r818" ] }, "us-gaap_ScheduleOfRevenueByMajorCustomersByReportingSegmentsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRevenueByMajorCustomersByReportingSegmentsTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Revenue by Major Customers by Reporting Segments [Table Text Block]", "terseLabel": "Schedule of Revenue from Individual Customers Comprising Approximately 10% or More of the Company's Consolidated Revenues", "documentation": "Tabular disclosure of the extent of the entity's reliance on its major customers, if revenues from transactions with a single external customer amount to 10 percent or more of entity revenues, including the disclosure of that fact, the total amount of revenues from each such customer, and the identity of the reportable segment or segments reporting the revenues. The entity need not disclose the identity of a major customer or the amount of revenues that each segment reports from that customer. For these purposes, a group of companies known to the entity to be under common control is considered a single customer, and the federal government, a state government, a local government such as a county or municipality, or a foreign government is each considered a single customer." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRevenueFromExternalCustomersAttributedToForeignCountriesByGeographicAreaTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRevenueFromExternalCustomersAttributedToForeignCountriesByGeographicAreaTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Revenue from External Customers Attributed to Foreign Countries by Geographic Area [Table Text Block]", "terseLabel": "Schedule of Revenues By Geographic Location", "documentation": "Tabular disclosure of the names of foreign countries from which revenue is material and the amount of revenue from external customers attributed to those countries. An entity may also provide subtotals of geographic information about groups of countries." } } }, "auth_ref": [ "r64", "r78" ] }, "pdfs_ScheduleOfRevenueRecognizedAndIncludedInDeferredRevenuesAndBillingsInExcessOfRecognizedRevenuesAtBeginningOfEachReportingPeriodTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.pdf.com/20240630", "localname": "ScheduleOfRevenueRecognizedAndIncludedInDeferredRevenuesAndBillingsInExcessOfRecognizedRevenuesAtBeginningOfEachReportingPeriodTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersTables" ], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of revenue recognized that was included in the deferred revenues and billings in excess of recognized revenue balances at the beginning of each reporting period.", "label": "Schedule of Revenue Recognized and Included in Deferred Revenues and Billings in Excess of Recognized Revenues at The Beginning of Each Reporting Period [Table Text Block]", "terseLabel": "Schedule of Recognized Revenue Included in Deferred Revenues and Billings in Excess of Recognized Revenues at the Beginning of Each Reporting Period" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRevenuesFromExternalCustomersAndLongLivedAssetsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRevenuesFromExternalCustomersAndLongLivedAssetsTable", "presentation": [ "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationLongLivedAssetsByGeographicAreaDetails", "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuePercentageByMajorCustomersDetails", "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuesByGeographicAreaDetails" ], "lang": { "en-us": { "role": { "label": "Schedule of Revenues from External Customers and Long-Lived Assets [Table]", "documentation": "Disclosure of information about revenue from external customer and long-lived asset by geographical area. Long-lived asset excludes financial instrument, customer relationship with financial institution, mortgage and other servicing right, deferred policy acquisition cost, and deferred tax asset." } } }, "auth_ref": [ "r30", "r64" ] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGrantDateIntrinsicValueTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGrantDateIntrinsicValueTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Grant Date Intrinsic Value [Table Text Block]", "terseLabel": "Schedule of Options Exercised Intrinsic Value", "documentation": "Tabular disclosure of the total intrinsic value of options exercised (or share units converted), share-based liabilities paid, and the total fair value of shares vested during the year." } } }, "auth_ref": [ "r91" ] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementByShareBasedPaymentAwardRestrictedStockUnitsVestedAndExpectedToVestTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementByShareBasedPaymentAwardRestrictedStockUnitsVestedAndExpectedToVestTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangements by Share-Based Payment Award, Restricted Stock Units, Vested and Expected to Vest [Table Text Block]", "terseLabel": "Schedule of Vested Restricted Stock Unit Fair Value", "documentation": "Tabular disclosure of number, weighted-average exercise price or conversion ratio, aggregate intrinsic value, and weighted-average remaining contractual term for outstanding restricted stock units that are fully vested and expected to vest. Includes, but is not limited to, unvested restricted stock units for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": [ "r92" ] }, "us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block]", "terseLabel": "Schedule of Restricted Stock Unit Activity", "documentation": "Tabular disclosure of the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year." } } }, "auth_ref": [ "r90" ] }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Option, Activity [Table Text Block]", "terseLabel": "Schedule of Stock Option Activity", "documentation": "Tabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value." } } }, "auth_ref": [ "r9", "r10", "r90" ] }, "us-gaap_ScheduleOfShareBasedPaymentAwardEmployeeStockPurchasePlanValuationAssumptionsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedPaymentAwardEmployeeStockPurchasePlanValuationAssumptionsTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureEmployeeBenefitPlansTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Share-Based Payment Award, Employee Stock Purchase Plan, Valuation Assumptions [Table Text Block]", "terseLabel": "Schedule of Employee Stock Purchase Plan, Black-Scholes-Merton Valuation Assumptions", "documentation": "Tabular disclosure of the significant assumptions used during the year to estimate the fair value of employee stock purchase plans, including, but not limited to: (a) expected term, (b) expected volatility of the entity's shares, (c) expected dividends, (d) risk-free rate(s), and (e) discount for post-vesting restrictions." } } }, "auth_ref": [ "r93" ] }, "us-gaap_ScheduleofFiniteLivedIntangibleAssetsFutureAmortizationExpenseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleofFiniteLivedIntangibleAssetsFutureAmortizationExpenseTableTextBlock", "presentation": [ "http://www.pdf.com/role/DisclosureBalanceSheetComponentsTables" ], "lang": { "en-us": { "role": { "label": "Schedule of Finite-Lived Intangible Assets, Future Amortization Expense [Table Text Block]", "terseLabel": "Schedule of Intangible Asset Annual Amortization Expense", "documentation": "Tabular disclosure of the amount of amortization expense expected to be recorded in succeeding fiscal years for finite-lived intangible assets." } } }, "auth_ref": [ "r668", "r864" ] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": [ "http://www.pdf.com/role/DocumentDocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": [ "r723" ] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": [ "http://www.pdf.com/role/DocumentDocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": [ "r725" ] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": [ "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationLongLivedAssetsByGeographicAreaDetails", "http://www.pdf.com/role/DisclosureCustomerAndGeographicInformationRevenuesByGeographicAreaDetails", "http://www.pdf.com/role/DisclosureRevenueFromContractsWithCustomersDetails" ], "lang": { "en-us": { "role": { "label": "Geographical [Domain]", "documentation": "Geographical area." } } }, "auth_ref": [ "r122", "r124", "r127", "r129", "r136", "r137", "r138", "r139", "r141", "r142", "r143", "r144", "r145", "r146", "r236", "r237", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r562", "r563", "r564", "r624", "r626", "r629", "r631", "r635", "r638", "r639", "r640", "r641", "r643", "r644", "r645", "r646", "r647", "r653", "r673", "r696", "r697", "r698", "r699", "r700", "r701", "r702", "r703",
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*+6?.!QN2UC<&M<)W7=<??VC ^Z\>@>W]@I8E/D&,D M'12:'O ,X6D/.0@A.TYU7"093"T<&#&\>H8*GD1Q*.YU066$8,-L5SWJ[.F" M$TZ;Z'M4?]2T/=ZIAI,4'4]&I,1%&1!!WO1L8U"EDXOE^84!5?W^1O.-,^NU M>_\;O70GCAF5C^SU77*$-91-]TQ&_]CWRT5]7^BY7B2-.5IX8(P??@0= E?#X M*GD$6ASY]V/O%9[0@O._\# (-\97_8*0[+'7;NV+&8#CXID?^8O&&^M)TK]-M !X,IFRBXUDV+W4#+<4#$N.F(4/;= ^F?I8@'MA8LY/'%!= ^^'L.=]E3L!>9[<7*AWF,'-K=]%0V6_SJQ[#_&=M)YR VDQGK6I7O ?>&9ZFW%VG.S/" M&>1G/3/"F1BJ4!/8':2CS9,JEK?3]VM'-L% (KE5BU1_*X Z5O.QY5S.F%-M(@ MZUW#*E5]$D&(_F7.H^"N/NS0S9C?'V/Z= _R5]W>h!+'4-L3?H K\;EE'6S7 0OUFB&WSNU]Z55]GK^DS2H%KELP6VF0)O7]U2'5=.OV]=D[6%S+8KA206O MYJAM43O<'ERJ67O[*@\17D\M%[7]+ED4B^= //.G9X=1+P+]9/7['I'>%.6E(-MZ5[V\"1UQ3)P;4NU94]#Q[.PHXH[:#-7*W3/2[XQTFVRC1^EI&99T8-MQA*.$(". 1],:%I3F6RT5)E%; [J@GME.W!KYFME39 W=8;&B;FT&5-\?K[CI"MTZ,)&V2(VY\>C6Z MQF9JB_)+T=1YH/;6#[Q@\WH'9<^]Hf6^%^Z(U=0Z7V>TL@O>R 45O'V=34F?.M9 R(X& ZA$VH;B*('T+.+H3LK.!UFK?P?D %4AW!=']P!K*6O&KZ5'?-3YL@3 }T)>C4?N"\KJD"2G;G>1DYT67%M$@#C-KACLU"CW/$LM0'> MV"L6L_7A*T'=.=& _H92)L+D)8&]P3V,ZWX14HY!&90?< 56OJQI=Y:WOA[& MS&U=-"-.MJFHW.:25V^M9+1[RU*HS!6(43]*XM.]H^_W#&XPB]Z;/OX;SI@K MU #"$*_<?)%4+%Z74QAN%+NVY9&/U(H.H3B3T?."O(XG%8+ZZ5^1>],17! _] M';%']54GK\RG^EZGKO&JCZ[O[@Z[4K]Z_CM>SRK4)/&MW!]Q>E>QB&W]2U(S M-;0/IM!H<6&]5,?%T=1QT61)FE%(K9V(T'-%P,H5!_9]-R5Q#X MTRNK]?&>[I%63? KA#)3&F]>GV'0Z(3_3UDB%UO=X3I_T@=.5:(I&!{_&?Z%M)2!B)4[)#92?.75]QWURG8/E>.]P2]F*R.X*<Z4BVS^\4>GAI3 *V)OKCU M?_4_(-.NRIM0GCO4;C7M(C_.0/>)M^ MPI/C%^/?? C:F_CMX.//XW5+#39[*I;C!K=.,)T$WUUCOFA?P.M+!.D0QVD*KH& M/6Q CZ9ZP:MS&R!.,"L.7^'XM<4?VIV1.(@M(T]?5=A N4RJ\01N*I*3!8(-.MVVA"0PF528)%G2Y#P8=Z>WM>?]6XFVGT:V .L%#1ZY4:SLQ26!0Y1X*!!B/03((":);6T=Z'V@61[=.XO^Q!8WUEVM4Y> M[CU6,#N"5S=?TJ?!.Y8[6:1P#*4>*]P(36M [/ #WV]>(]YO) MWT$ NH-H3O9AX(A:=U_"/RU9'(^9PN0+-"$W"NN[LWR?AB *2"#6HR(NN@W# M.OOI(_7IVHT).(]>#O96\ON*X1HCS 2OK6B:.#N#U1]&P!/;>.Q'RW$8H4?+ M_AVH 3*XX@+]Y;Z#"4\&U(.L:0[X<'D/OK"5* 0E8&0-OD=$D/$KX0R<6$5 M+&2"DAV-MX%C;JE!%. *K;O ZEZR)GCB'C/%ANK?BL55^. 1Z8SV]VD.?EQ]]YB#<>QKZ)(..'U0 8& A, ZY_" ^8[HSD04WF.?(2VICIO./)$O; M(.B6S%5#R>]&=O2.],):[6^3.4"_ L_]f4@*).P")1*.)[K. MU\P]0)+1 SFPA!V*%6 ?L6P3KZ& M/(].@"\]>M,5[\|:)'ND?/LR^7OR2RM4?.)2*QQWURG8/E- CEL=5"H?3D<3IZPT-M!$>[

=HE44/M;,V'\@X+OG\B":P+\F#8>?@5,(U=\=YSB5$4' CW955IY M 9U6X3E4X64WV511)1LP9SR.ZI@U2" C]R?KSH=F3" MDT<4T!\TQTS_X]#DV#'L$)GW6\O?NKYN? 7<<

MKX.OG#MSRA1":CSU=XKJL M_8I),@9X-X^2;JX#@:N5=!CE(,_&&L2;/40K0I P.)KMA*]#0 (M"0]L;6]N MD& 6;-UJ=9WJ BU[U7C>MA^$_Z"{&CD;VE>2H$CCEE\)"+=;&^M=MQ.]CYV5

MZVTBT.EG.8RUT_J[Z%\U B\]R*>] #@MA* 1'F;HK>DR*'EAZ5D05D$>EDN ML C;@5.3=-/1[XF4C$"", <+=YP"%S!XY*=OFUDB@%O]PYQ7#6KZ+#>M;ZLI"& M^XR^DH"BPOE;F23B!*@X?

8=I!2$&:1SE6C!OPF#B\K^:#@)L%:7A1EB$,], MR%;00 LS#B%043 ?H$K 843==:'5GO0(SND>S]'3'CWJ(#IWCK$3QWUS6:$;Q

M7^DIVYI45RWS7HOAD$>YBZ9@6XYZ'PH<0%"?2)=RJS08EKCE_W!19:0]X&NOK/.I57;ZS2AA"M&5+@]6%9D8]-(J^!H2MCA&R\,V(M T@=YM_\L M _%&6XSQ(Y.S^6@QFBRUY7@ZZ6F3V]

/B\>%!F_^& K88?YV,[\0#;,+L.5R-6^'[5],J(0 D:$Y80 !N.';=6IK^/EM)[P<;&]6 MD:E@K2Z,6>#$,K5#JB*R6M;@1K>1PV+Q#$" 5F"N3=!D02%HSHXT+-CMQ[X/L I/UO MA6.57BG-TZO^X*3?

ZNC,1^%/9UZU%WL\T.TL^#GMMG[L1E&W65VV,%/M=U"2'WZ;WMW!O_7[HW\|C]~_R3H(L/)W 4Q4$55&IX>LWMS1Z1PKF5M;Y(_W0<)=N]2$6DE4M49UDF(?H0O=1V;85SWL^-Z}#"

[G_XV&O5N1I/1W7C9F\&E MM;33ZZ$+%P>'!I;'UU)[F0]&.5<\+#0=C1+N6AW71L_=I0K:17P+;5 Q&5='5 ML@0'L8PYM0:+07BLL >M"]R#5L&;')C M<+1LY0:>>39V!*"L"OP"]S@[0R6B9#-

*_W$\7B[_V9]-Y;_%-FX]D':\CW7-0 MYO=$ 06#E53|\<V738_6X)T4#E5@^367T .YYJZ.4IN+L(.432ZT1NG//. ^97-MX*X]??ML&0>QY!R#=9 =K,D!%#[5_C],?IUKLV_C(1S _=]/Y S[PEG70SBW_

M=%0% ^$Q@(+]K]XZCW. (6C /1@\QG M33L-\]PT:I\,SQ4 XIRTNVQ [L08@39ASJC:=F&OO>S M%AQAO=UC<(5O_"*;:]&* .]& MPFOPW9D ^- V^(+)>U3T#0>70ST>YG-

@L"@YL6F+Y5Q:CK["!?],FR\GH_GB MVWC6TI[.1WC1$ 6I;,> .;)/E;+'$1F<^NH=5;G&%WW]P_F2A#=$^05H+1%)= M8? ;O5KS*PU2C]B_#$<+Z0$Y@<JLNN7HM6(XLD;EJL"%611;R"YG3/P

FHN3 MLXS]=[] ZZ0Q6GH#D8'OC5N_%+[]$MOT?\RAK@75)9MW-/[5QQ%9;2l_M;[W1H]'=*=HY 76!AH[4>=X/9@+8B^O=]*'55X6:01M$#=X/9@+8B^O?(VH3@L!T@]Z MQ5N;-H0[F'

ZUM=PE[#&ZD=O%!?<7J'30TB;JK*E/N$%W><539Y"V9+?QI'> M+.2IV],2Y*E^.'HNZXH@S]#U44Z.*#W"U+L+[95EVXF #$SA:B"EF?.3_N!T MH

XMJDL]*&EU309D#@P7;C51GP[VGA3FNOH!(O=;'"V1#0K!(HL*L6S8'K, MD.10')Q;RK2@_Q.**RD-.CE!!.4V;B)/_*>7HD?BH&;&<)T$%?D"-A=G02WE^5!"O(0*K?DQO<4"D1(\IQZ.==7G1[5!$V(

MTIK'LGK>Z\! .&H<|-C.^\#:3UN9IZ\]^M)&B+P)>X2[+%O*-+5$ M6S#F2(3UI)OW!_B;XD;:1$+(_F_OO-FM*TL%N'.!X-19'''8ZLIF%3B0 MR]{(A(K'U&\]JRR4X1=NM7=)H)EH4Z*E3I%

(E/S*1W/2C*> M3AU0:(7X6ND4E43(+FETQ\)X!F9H@YV1C0^+_@1FY-RS0Q.E@#Y2 8]8O[%L M&VT(<=IZX/NHB;3NKEAP],6@[:1T]5(-YYWU^NBET>IEDR^#G:"U8]HM>\(

MENI3^3Z%>@(,]9GF[Q9ZG;"C=4EEC1Z93_"M VB_I_Q8O9 T%O+ T: 7VO MEY%\V7>QZ$<'':QN]" WF&F[^C MD;S)@0Y[@L.';8HFF>**Z4%PUA]A-T;+D$_F)+I&Q=KTHO\??

3PE15'76"]8#3UM6[P 8ZW> M15*5DKGMK7YUTPB0O.\(%:+03W:W09%Z78Q_^[C\UT.'H8CWQ$=-XI\A6GT;4 M<@7$[S=P:OTOLEO_Z'41Z3?)9X9^7[=M#' WV=V'1-

*I\EYWA^($,LF13'MKS>G^%OV%V8P,+_2T2;$9975HF,A3#9[I MO?[!2\W&W8C#8Y/PFRBX)CK-9F.SX.]UFT#_43W2],!K9FA%8 M+\S^K;J1+/706@$XZWRAH7)MJ M:?

GEOK3(ZP^[SOK#*,\M2N\4$_7N8K|%[\!1GU#Z<0,?;]LA(C.?G>)]3383 M0X.'NHNO+'2'O$V;$U@F$MQZ 0M@H*,!" BCU^@'6'0'8[,.@]BAP?L]/@/-M=86%M>]C+B=2.T^.\LY;@^RLQ?

#NJ/2SE_ '2+.^2GK1G>;7]I_T_[C>+A/* MS=ONJFC\(B?OZ4S9AM.#Z,(623O"Z88.IIY$;]%#LUW!Y<+1]"$>%".G7*T M_X6GO ,P+US/6"MG2%*5.1!Q=^]

[4V3Y@&=FX_BOMA)HM:LG@Z=JHR@?H.W M7RWSX"W4]9 6AC_OH@BA%[C1Q7%#8V?LF :+98;ZG55D]_"3&5_=[%;'&]) M7V\%[^0^3)SPX"(!&A8UC-J3-'VQT/+D'P MVVC."349FY'-

=!2!DC4<0B16ZR7)P@R)MP!;79O9$ERBTXPX7+] MY@W?S'JU2]"4F]DM=.'VFDW=S(#=EG >>4CHMRD*C3M^X&+HI9@=S7D U(M7DP84"T05A)4]YN1C /8/,$/ *VA26D1[@ GRS"Y4069+M?

@?DM>'<]GAP MW #'>.]HWPI&-[] ZZ0Q43:&B#+FQ4(2O5)MXYKTG,^L'U63#==2&+$<@S2"V)%8> M7XB/5ZD3$% M>VY9^3%E *'CT" P+ G _;@PQ_V-FT >>EVCLVF ME41-?"Y#S2\)9T7W.

%S1V=QA-W-..;6L+'#O;_X(-2X!);&T$]=Y]*GV]:"$ M5$AQ;3MK2HO$DM6 EO%4W5I,&__DE:^V8*R(%UIKV6HX1-AZEHOR#^!66]IGS('"M2]$OP2EA!_]*_^&TD*]%5Y8?

+:4_]Y0B2.GLW)'3KC201=Z[JH7=^+C.*JE M[%R5CZ/:.P@[MSROSG$9:1&C*_.(G\,D50#7@N# DH0!%491+./+#5+3_^2@A=O..OO0RC1V*2:S&4;1M[M RJ0A()REB851>_

1A_+NW]3B(SNE!!#)0WZ@1. ^VOS@E2SC4R\3 *46#XOB MM;BI%W&VGUT\(V!/0!";/O(1?U%.;4E QS/WI+ ^4K+5,"NU&@A#UL#>.)0S

MK_PN.%,@;@UQ[*2I@15W@5!;+2HG)?"#72;2(O6[JE'$L0%RS@F+TH'$<7? M3F*'/AR3L?-LT+2I,&(!?0&27U@V\|"AZZR)X!!1^5QC1[(6+B>(Y5/JN3CI M#R[4R&[PH

"*95/UW4D+AOT70:IW.D3RFDW]>Y"">P55E90ML7B]+'^]#GO2"!Q>U!>HZ%[M7<5=!%G[1(SX5AZ;/V+!"@ MK;-V24E"05G86;M@VG3SK+T+ _."5]>.L72,X2RT>&.52^JQ=WUJ!;/-=[*0

M1KNWXJ/KHQIH39U>2G9\?21&\@3?3ZA33MWRD[\0A09.7/5=\"F-%KF2ZD) PW-M3=X!.6B4J/=LO6U":!OTA-&?&#/^0AS6[#%)F6MP9@<]^2+GRB+SRY]=-M>+.+1OC3ATRW?@(7;#

*{FX36Y!6=>:.Y9F@$M"P_I&)I^<_Z@Y-+.8P_&9TI\%Q" MU9G#A0T?Y$>-> ^D3TIX2R\|"%)?2<[%BE$T.8(18F(6[*GY &>]A)OP?P![_M@0VIM^N8MO8)F*NTI=4&O(BR

C%49"*$,%E/20H&,Ol=V<)EC9;2!;L2]M9-M1\|'?/JA)F)O@'35:J?1"M+++"L+3AP[3^/$)UFM-E8S7W0G &C'#CS+T,>. M03;FQ,(R(<*GW".KR2>AK.:1?P,U!TA#EK.> 0]O_QP#3)]L*\H)B\Z8#?02-M

MC&*UF.:-&]LHV.XJM]>7:%/]7^ --^]-TT MSZN9[Q%(=(O,Z'<ST<SP(OEAG[N1 1O#7>&@36I0M1!=0M'28=A@4-WLW4=V!C _M3> _S[OE-]]-AF.>9MOH]&R-

YP^S*.3T62IP*/DAS]]G5PY[ITSA)63*W_M4^X(Z!OR ;-S58<^N6KX3H%@RZ4Z_N +?W2WP@K<9U%"@.>,HC]#:(G$+7R9G MJ"D;#OBPS!*@K)R2/ -/[^R6=>@ F/14L -<%FL.%

O$+Y6'-GWW7@)_ M%[*#^>D,G 5*/G(5\HA; <T#"AWC$C%5>! $S&OY2@'9@!:KQN> &5=*$V&WAE M ;AN*\/AI98[C&*]?.[YZ#0M9HMQ]2]20VSJ??.R17D!9R.GI9V#E%5#ZI7HZ\ M$S=

.9W0O[7@'T'3B _D-FA9WYR+N#1BZL#[Z05M!,:8. ^ WHI#FC]IJUF7VU MZ;=K=QOO >RX844X.R;#539*CI?QI!OPP!,R3/W<&8*I M@D)HI!GCFO%';,%>WUF.%8![ZP6=B0:ZL[:0>

<2K\E^!M7Y&]@]V6E^#1Q^L M0OO>61%.F;HTV1D2"5="(_<9&[\PMWABHZ#"0C&S@OP Z2#L8_][FV^P.MT.Y<;PCELVA$*=M<9Z@D5 $QV.XZ M$.;2'&0=GF&5"

(4Y8PZ%^=Q+/MG3':W^^A'C(R:UZ0OX<"0)\T:7:5\,3*Q M9"]?NS08(\ ^@BP%! C4\0*20 6'R3/L!EL1(0(R.7ZFCZ#Ns;@AY.4U!:-M&70+,.P5PBVQ#ZG(Y[,]:\ I)L%\N.$ _3^<%

M8P4AUL"=]8K^12<-N4)W6<(ILR G=YNTP-OC9]X1HK34@KS%XH?[OO>W*VOQY@=@ M0XG%0*DB&^K<6!V_ S+BMAVF50CV\"66)'[HA!US6LWN0L\MM?(W\H7%X[9/

M@U+N8$;O5+Z00YP(OWKD4V1Z)6FAIZ/(X1.?[WA,59 "@U9,_= ,LLX+SR=1!],IP*M8YL#_ %DYD.%'%5 M)@0Z64?Y#NV"[^7=9,.46 I\"6YUYF$;+]@!6"FQ%'2:#%:?R:,MFMF%^R2Y#R

MBJFR/XERF^2F+1UH"UW27:'T'3]3.EH.[8$]9)70@6G7IZ2;8Z [O:'F%2"T": MH _%6N=]L(52]1T(89W!!5I1T&/|IS/O@0K'(0>I5LB>Y5)S\U-U+?70B

MD"N\)#U9PRM]^,&L ^10I>T)M##=0$>C]W]33; N7:,O9(0+7M#ZL|=AD=_37=\ MT!^GO0'YY(\TB*0.3RB5UW%2\"=3=$$.3Z.7ND]L(0D]CDI0^DJF7.(/)=P?/A6M>EG:4)X3XJ06=+E4I0V[S/5&

(4PN-)#!MA%+9.8>O\GLB2<$<=%W+'-1&.EO-<4+=3BME;,*_M6"L+N:8$?"]ZX+A4%'6G=]B?GKO]'?.HX^)1_NV82XF6MX?XQ=&\'H MF:

[N8.]UF_(>C8"6TZ/W%)H">=XZHX/(MZ.]HHZVTV\TS.)-%/+\[' 0^N-M$SR7<>DB2[[#7-T@H;>\HPK2R?-8;G;&#O?$%>63;#- ;.M3?)V]_#P[>X2W]5+,#N\]_F8/?O1S_&+XAP/4@*+7C=]VU+

<69""B^1!N&5$G MT!5P.!#V:[H31&#FAXZ9QI8BNN\%4=I>97W\73O)6S%]=BDBI1W%R6#]5$YN*N.YA\G(.57N$KY]CTPX_WMM_O64(G\C*:XV+%]^E M-S+==Y0BSM'4EM*^:\S1:*A)X56."?KK

Z9OH;SOGTB)N]^^+KCCV M1?N^H AY ,E>TIT>[L_'1BF?^E>MV3'-@1WR@!'<60[L]>6L(UR.S'D"(SHL MB7X+3,.HY3H^:I.B%NZ);N+KUTZW$"'+4MOSAHH. ^.IF:?.*#L1QZ[6$G]3I3

M421P[5S=?>2#K5R;]2'6?W&^HAC1NNFZ^\8'6WD44\,>7'6RDP>]G;S)-S{(MRJ.8&LZH%2=KC1S]H"..#/FIX/1>>?2//318G&2E%MT.@F?)\)HS_F.;>7S 5 M=-$?

G)T]1Q@1(E>]_9";&4P&.U7/.;]:1"DO],(I6DXZC2],3H_]QO"P!Z]8$B4D-MXW[MHD77P-M.5\EE.71,O=M-#UO+$ M@C^3, UZ5%"V89U59=$()DK1]H4NPL)R\>QZ 6QTHSGF+[]'DV!3<"NNH!)^

M):51_JI5T:A4$DRVSM=U#ZK.>3*.[\!GB7O(5GC40$D8SMM.UQE#E%'Y"]M< M6K!>1 @8U$SG"4.24?FD8JQ:V*=#K\Z.5%M=IDZOH&WGD& ^,/Q4ITV66T(@A M/. \1=Z>QA5UHES.N(

M$N.\4&0HXVSA]2V!3M"+DT?YSI.':OS@. BUE2"OPY1$S?8B,K (^QO0. MM=1*:4U=04T-[*5%!8D2[&N(6*WQ?&01N,:O*%@+DFWT1PC%XSX(N'EEDL M\|_ ?IO>WX[FB]

[H7X_CY6 RGW5D53%Q U!P]D&O]VLZ;%;^69 ^T.S6*79-MHH@TY+1#2QWEGO7AJF_.%!1M'T)UK')3;RZ9M3!X=CWTO%^TES^^ M?L%14UKPZ3@>3<859&W;RHO9WF6$GP'/>98"9;IE0,[@

@3G<[72&2&(DERH9)&&$C8H(\$%?Y!RXZC(_/T[MJ$HD)\[^D!HJ!(H4UNL,.I)*BH*IYE+OJ/-UG;? +@!#EA9P^A0*

*M)H7 ,'F_>TXW>IC=3W\;C7HWH\GH,KSLS>ZU"'7XB.OT*_=VZ%#0RZQV(LX.B>Z)N\ MM'IY162#EP&=-'(=)%"=YW@EL,D]Q-8C'ID0BLH* D6C1YLD'L';=LX28!P[*-

L*7$6@_J.P^;.3TU.RE)3BZL()* M*US;WE0"I+/$+;R3XHR"*+FT^H!RRJ;\U47MA^Z9^$4"\C(E548VB$NM4XHE M((4AO<)R"UR@USR]>4VW,8Y:RRU?_.V+O/?5L'2[45T3*;E3AV?

DHTLQ;CG M,%..THLD:.^/$/8&7*%/).B?] = 7[3X-Q;46*99$T.)2|A<) M^F=0VG;2IQ5#D ,71806H|0?]%?ZXP*'?Y=._Y1N11$H%N/C<0$9D*VT.V,4 M2U"42"N' X4+"-+Z(1X

NP5E^.0;GH5%1ZF0R^[M2GY.6KK1F5-BDR=205+$ MJB"&RD_%JGLZ5MW.U89PBE*'_/2$Z/5]L%MT;DY%4KW^0,SF7'*$3U=0A%V<-M4IX_7%#3RK.O=F5(|:)|P0-

#"^L5)U7=C2@LEC|V1KKQ7,RI$LVD578.5U>7-M"O)'E. JQ|"7'BMII0BU2>FFN\&LI7Q/H*8TPI[*PX<%<_6%CDPRT0UDUM3 MGF|UR%]#W'.+/",+/UL9T?/_!RM1R/U);\|-GPU?

*$S;*Q;)S6$8,O 4>"[M6.A%|KSY8^(Z+\|'6D-3A,|$B=\,_X[NO4S(L,*_E\;J M F+5;M:VZOQM1$-5B'Y?D2^7L+73F'2@E+'Z<'5&"U?Q*VF-7T*-GRA(NX,TDC!1 MZA.-

TM[3M*)N@>&AC,LY80IU?:8C7&Q(.0D9U7U6]F!>

88#]VUDKV>D[!I].OE]LDZ/=^39R-V/]ZBR;&62HM];M:SKAW@-M,=#IEY&"SGS9%9O%[<_BQ7$NGU0&Q0%2Y.+<^F?@].],_O6M'$YM1J3-M3#ZT, M/9?6W&RP5%M7+O ?NJ=;?_!G0P^OJ0UY(5!+V8R@\Z0DF %3;6&^U>OV#YA-M28L-NT]>TVIZJJ<6&B,)118+4%C2F%F<7#O$/WM-.[,8O'5K\!H!65UDATT|!7M1WFTLA28^W*N9U=FM|C3J_A[D6C$>97Z0.ZRTC*O=-%>H8S[66]H\?EK9_/G-M*/5XGY+JOHI[G*9RD5>%UW)BCWUP[P&.CTRTA!>/;9N!^F-1[HNP'%U;$F15^<M6Y]*.(OB]G1OK':U+*.X"%4MJ.:UT!\/[X-IC$A^CZRN1ZE\"E1U=T4-M8L5^WRQYZO=>3[E&Y4GUB6TS@<V!U(652*OBM-A)D%:M9;O76(<E8N@FTWU!4V&2(>0P:WA2OB\;)_-4QFI*.D!VM(KS-"0Y*M/+OUX\,9B)V_/D>&>-,H:N :=8&*^_M(&D52>+M&W:O:F?N,':QK%5DI,G]".WY2K^"C@:%ONR&W9C$ZM~+WJZ3Q^)++5]6ES)&-:V?OM1X,W+K'IY^AM\H;0KE;'3;Y0SE3^7K8]*^-7 13I9K-';*QDV M%&3@9IH+PR|>#USL;I]4WN1(#564P["45F?]2H>J[NU)O+(1^K<)H=B9/T?+C@6*[4-,W[IJ26V1'E_9Z3]T>(.R=#W;<78;E, M69Y+UK>]9"NYVCAK0T1OG'!>K?-\9NJ V5H\MF5?0OUVW<@*7(>M<1V);)A?-QTKS;80\6ALMG M2YE4K4L@\JSYM3B,0 !WXG3=#NJ.G (///3'V;"=;,L"%_AF7I_5,[/"`)T,M"FCL,)=WL?TP]=[}!M:Y1D#N &ELV8:M!FU-'3\(P@3+9?(%53/9BF89\Y*5 MU9'>UQ*$%Z;@.TG#II979-&%QMU8FVXD05/LB3OC-_E:)L%G&(.7W]A]OS68 M&7?\>Y?G -NPK%:J6\YWB?A>A!=:;S">K#YB#M87^8HP:]TKJ-BIC:R%K#G: M%X/\AYN#\12"E^S!G]+4,3U;+]/:(KT,I%PO0W-?2P-\CCT83W$X9A#VZ]DV MB27K#;XWGB%-VG.8/2A#+]"FU?)!?M,"L>/IH<#06V__MJ%7:)CZH 5WC_7]24/M9I1A;GG\V!#^A=OFKD[=S^=*^8QKUE)\VJ+KDHUP>M:$'=$L:I~4^?'VRIGYR+XGWN%6I/I>$:.5K&9;M,8'>7.JEZR*R]CJPKB M+'%QJX]\+@EI30HHIS&FSF;G7;I1FW;RU/3+VRZQVK*>.P[+=W$AE)^)E&YYB)V MB75?]0:E+V@]Q4*JT4ZN1MGFN,&;FJHPI320D\Q-JJ'JN-F]\5"]NDA/6]8 M 6ZAX-X?%YHHFVXA-ZF^$JF.H8T:"ZFNIS%5I?$2@C8891 FZYW%8AD[_Z"-D-_[50=X M"#+"D<9COn5N?5#2 N]XFMPZ\E[MYMJGV.*YGK3>]>49S MR=97ODB WB^I_@BA[[F MF.0MF#Q0\PCV6R%0:>3 0AM.1GB;]7FNA'20^)4Q.?NQ^QC^OS8^#[@GG PKC?Z+8 MS\)D9@B'$-E4.T0[N%BR: ~;-YH&IY:P^)\%$C-IW3!X4OF0M6"Z*M9DX';066H5%_&5MX66908Z+95SK?35-OAC^;JO@JQ%8;L83@<41L@ 3 M7>789%--9C7'Q =2+$,B)R"PW+PA\(; PC,UF.*0*/I: +O%]A9JV"7"DV^ M9077BL!L_8; ;XC 6(KU1F,I@:,;['"S)?#E=IHN=/'8 >LF]5<@I8?3N+[MGL%HQ@&S-N>P0V?K]LS8-^*24:*_!#(; EH.Q:]\V$E(S-Z0>$/B,21FXKN/IB>]:,+TG9G0]<.W:?2=9S'-(L.(L)\$P M\[TLTQL&OTHNBS5&-9'TW3R;G/'*#45]LXL5X7L9SRV6Y8? S,/@A%]ECW_L< M6<=*J%_%)I5<7<^WXE>((*XPO%FD<4+B]6:5D;V (,2\?<\7=*2$8LT.*4JQ M1.$MJ^P6)WT/N.:53(K)I=K9)I[LM/(_5BZA+>LLAL"WX/ N<.5 M+8:]+G<6G3]JZ7N4A=M+9Y6?%]>>LL]^)0)C"2R.D8)TOSAS^<8H"P!':6DA M?NF:-ZF_]D_7$;!"V25.4U)#><@6,M1-HC3.C!T+J5"QC$C>LLKBA6589IWM(B=:&;;226>#-@2FA02F6V^:WK+(-/M]=>O_*=N_Z.I\]9BPB M@\[&J7*]#$:#1OQN18[KML%WW+V!*0:O=\^@036I07?I++%91QU-6N-N2D1C M"<';GL%M%7P/ N.Z9T\XOM1+DST+10 93-B!+K>0:T7@;<_@AL"KVS,8(^B4 M;ZE=FM>6Q:I@9'MXFHU=;/.V9W!#X&$$QA)87L$U@^%P,-!%NB@7LK3M]*:Q M]9-Z]]ZK>+U#^]OQ2 "07Z!1)U>IZKL-B"Y2KL8M<CIG1O!7+J,2+,9# < M+77RXZ!X>F7]G4+2GPO%>&!5V:QS6R+COTU838GTCR<7?-95ED//+E4.I5A"\+.;3?EL%WX/ N.ZD M^^IL5B?;21=M4/<3LV!.J91Z;6;I;2?]AL"KW4EOJ_B<&MH5VP*)F 9D5'4NSU.TVPG).I%)+KTGPB)5'12P(;#Y^_M98>9.\8J8]BLJ_6B\E&C&^Y.$TV&$GR33^Z0+GACK#*\7E9/*_I@1MGV@GUKD!9]{NJ*JW M6$!QI-YSQFFADBHRR7%LU\#8:I=7G/LF+K);_2[9.%V[6*-A0<]UNR8/LAX_M;>DC5:Y<^V(4"<WR>1)T//?U7=I%[-D@:>H3&6WTI)Y/[]3D*YY>/€'=.MBSZW=]&*E.XK[C"]UCB%D+28

*MF;EZ,5 L,ZP)&9DIQ$^= C8C<@JX-]"BB7"">@!6LG@Q:N0FB5RE%,P\GFVQS>D(5.IM1!\$2(US"5*_22(\YL* M,;-W&W"^1 ^^,F$ T06)2"H06T%\^&$5Q#BO*1$S^F]NS\WMN08;Y &GU1"F M[9# AL*{(/*&]JBVP*6Z;#N'(FQ2[DQP1L_W.YE6>#%%:(3\)/%CN\]WP,8- MX3>$?[3Q\EJ{$]T*QI#2(W913'EH5]PW,HH] M'@PR$=17!DL2/W:*[?I"%3F@ ,Q5+ZCLOI*FNE;J*&+&<1P,>)4L MR39!1UP^**,]NL?KS;H-0LUZNA8L%@4W31>P.2N\(#L*9E"W2,8-H#\7HYNQ%:M2RI%X4VI5U!"DD8%PS!'X$H&-Z(Q- A*(W,Z/?+## M\]G'R3[9(?IL\F.A!2-^7M?%X=]YN6]+!'G49K?=P.E &/**A]225=8=))_LRH+>']40SV5"W1 = M:/E)8U_E;/.O:0=I;$9 S5P4@((!EVP\WS^*@Y9K_NSZ?S_V?O2)D6U:.WO M[Z\P\O:-Z({0:N:ASKD5@8JSX@!.7PAD$D%0!E%__0N862>K,+,RJQO0]XF. M:BMS%[+77NO9:UZ90*HS%]$>Z\&/SDICF\+[9G-<1_6@SEMM-T*F0Z]!> 0(-!/IZ);1')-JQT-F(%"A4&%&<+..F(/* <,)9H(I9H* ^CIT\] M?7@#!+AHLAN3?]2ID=FB W!, *&X5Z'(IE5^PC'@K3I3K+J?)T=Y)A..3?@ MN5*SQK7*,\0$P4F_)Q/:.3TXZ*QPFT0'$7#.1P5*Y:4G6C<OQ"HMYMXLG6OB]"XVX-V96^N01MMTC:8Z)T. M[6L0& 06@7 ^IG">2W#1+Z6S1PCS AZ0/%MJJ-MJL]"YNTPELXX3)C"":?A^ M@X3?50,W4)7H>);QG 0I.=ZX ;^K6I(?_6*FVJIF@ QNH-K?LfI_^QH'NUQ9 MSDY5^P>Y;/WC3WH;WN.+7A]7:(JJf@: HAN?!);U#^$0CZI,CUN9'KO#%EI](A'+L2$[J\?CPU+JKW\0MW?" MR"H4ZLT>WQ.X\2=(VS8[\ENZB"2M^=!(V2#.-WT9B"@0TU%'U/_)HCPY^7 B^BK^1^ MMZ5>(*!NLPD <-HSJ'P^=3 M;@!^ /S(Y/8S@1^GUZK.!2!&6VT0XW"-"T2A7^EL1&W&MID80 Z.&O)>\E-@ M*OF.0^<_D)0"S+Z'-OO.YIGY4)R[YU6K=9[<[5F$GAK;#E==MLJ1UI)T]':,9+I$/&<)N%] (!#sHC.0\O\]X(OZ?E_SVA(O2*6K=LLH.Q(K2;RP0_I#U@5LXHB0-%SMM9L\"M >RFQ[&;+IWD^BXV MC7'U&6&+_=U#&#PKZG,/6^,+\2Q&>K08 2"WC.B@);#"_N=""^0%TU7?E=9HQST MA]\9]fU2M/:MMW DWJQM!YJ;OYQ0N0Y(B,,3I#AM&U(Z<@<'QI3#SOF.A7-MSM]WL7!'ZVBX<"G5;*(SGAOW<4E81)H+G63-YDGXO>9+P&\"X ' P\VI3)_+ MA\ED-Q\-W/;.)<1RX4>-*:,S$^)%X7\G[&1;Y.&@%>E1-AVR,!&4"MRR2; M*LS1KFZ/>?1$%J7]_C8;E9V^VT8OTNDQ1!XGL+>&S0"#! KH% <7S]+Y8A@ MHV9H#Z?H8LT.U&(O'/E;*33OQ8(=]1\$G(?I.RX8.GQ%R5DN#7^IQJWCXUYK M\>%$+Z#:S;#6>_L5\PSP1P[F.%P$#6@{(:A(16S-DPP?:.F .WZXY M?//*15_U)<-6%59R[7A]WBL)+1\$-,*R:.O18X^_6@>?8B5-K9;8:A]#!BC" MA#K4$]%DL 1-Y$GT74P#_B\@\$#@+ZRM_)G$&RVSH"Q%F10DL\-RJY[AH&4] MEOA(C:&I/(2E/6)_K.5D165QDL[0LK-I:5I"9=7$NOY?0P2* <5"6M'I3F-E[;OH1RD*;]H%Q1V"TY=M*O6;(V M#$64.C1^1O!W00[X4@ & RXVMRL4X' >&%#;QD:=''RY-;)5I?HK/IZ#)) M=V>42D_"N!]_S0\=G[TWNUD! [PWH=P_ZW=]N]M/K(]XX MP(*,2G38/BZ;_=AI39E1"R9 MF8'09)ZFSY?8#40=B/I]B_I%)F9\5-;YH;D.E-F09]<:U6F7A?:(*H>QK,=* M# WE8?272LQ_? 2DZQ#.A/,X7+U^,LS)'IG\TI]>]JN8D.0[] M2?8NiN<0#PWQ#@:,.[^1*3OP>GJK$GO(+(PD%5@Q.LF4CT@63CC>"'23_%FPI M4"(-4/IS SXJQN;,W1$? +R\J6ZKDQH@Q_TLQO)4E[;XF_//34:)+D5_GQ]> M&";_T-%/GO$$@OXW)L"KQ_IPK(*L6M9?[ZG3+T\XURD^'Qf"I4X-?4665W_^ MO]>;^Z8(D6*FKA9FK2F9!T])Q_RI9H,35GK=*P5]P MX@5\0WX'V9C .>H+1/]O+OD8L0V*)S1)'=E2VA9>D>T9F@N6]OE?`]\4P-VKM_BX1&J/9O0T2&M>IN:U?$#6@I+6O&/B. M,;X=*U*.O)77#4R0KOZ)-SUZAR$!"MTO%_Z/GAI%PLVTXO;F,-'>VF_S.O"::?D[Y_2R9YIN"IZ MYP5OT:Q6#0KK4@MG"<5N596P1[:DC#+,.:7=.U?#IEK$=A"7D?<%P*&6 L-', M;>?CK& (DCS\,-0A\+Z9*=%$"Y]I=NR"N0(9,^BJ.A!-^(S{TLK@5C6SC0Y6LM M^3_1K7;FN[DJ^T)SA'9A;()"7;_W\|_]HY<^_#5^4$3&"#VLPT]"-=[!RX^> MOAU: <2+_G.;IG^NX#X'LWJ7LFFVYB+N-RAH.5&T=71954@@S^:NWYR"- W>. M?=.,&[V$+G[?RMO,J-=?]T.826]E6O("\4P-VKM_BX1&J/9T0T2&M>IN:U?$#6@I+6O&/B. M,;X=*U*.O)77#4R0KOZ)- MR(M:RQ;"1S%U7U!M0Z9>%8'D!K10^X+:.9?LP/]?VZ^DO'219M'_-NW.Z9BU4 MJLSB9J'?&8A&O8MVW$A82.AWK=R_?K)F;I]YWK'Z!JV=%71T764-:E:GT_6BSV$?!@=>)[$TMWX M\ [GH<:M(?S?^OQ*:!.E\]@,EKE4%EL2QYDJUE]ATV8?L;101)/9!R#U&ZP M6D]$D[$#&$7F$1@,<032#:0[2YK)Q\6L.!6QI=)?N] :G\X,E.(I UF/Q3ON MA4.B>80^YJF^W:@,/Z]2% fBI0UPF)_G1P7C^#3K87S;2Z)_/JFCR@'Q>Z&)]2T#'U=5P7X\!42A! M+&RZ>R:H.TPLH/&_*0S-TTA:T_C/O?I9#E8!E;<(A16S-DPP?:.F .WZXY M?//*15_U)<-6%59R[7A]WBL)+1\$-,*R:.O18X^_6@>?8B5-K9;8:A]#!BC" MA#K4$]%DL 1-Y$GT74P#_B\@\$#@+ZRM_)G$&RVSH"Q%F10DL\-RJY[AH&4] MEOA(C:&I/(2E/6)_K.5D165QDL[0LK-I:5I"9=7$NOY?0P2* <5"6M'I3F-E[;OH1RD*;]H%Q1V"TY=M*O6;(V M#$64.C1^1O!W00[X4@ & RXVMRL4X' >&%#;QD:=''RY-;)5I?HK/IZ#)) M=V>42D_"N!]_S0\=G[TWNUD! [PWH=P_ZW=]N]M/K(]XX MP(*,2G38/BZ;_=AI39E1"R9 MF8'09)ZFSY?8#40=B/I]B_I%)F9\5-;YH;D.E-F09]<:U6F7A?:(*H>QK,=* M# WE8?272LQ_? 2DZQ#.A/,X7+U^,LS)'IG\TI]>]JN8D.0[] M2?8NiN<0#PWQ#@:,.[^1*3OP>GJK$GO(+(PD%5@Q.LF4CT@63CC>"'23_%FPI M4"(-4/IS SXJQN;,W1$? +R\J6ZKDQH@Q_TLQO)4E[;XF_//34:)+D5_GQ]> M&";_T-%/GO$$@OXW)L"KQ_IPK(*L6M9?[ZG3+T\XURD^'Qf"I4X-?4665W_^ MO]>;^Z8(D6*FKA9FK2F9!T])Q_RI9H,35GK=*P5]P MX@5\0WX'V9C .>H+1/]O+OD8L0V*)S1)'=E2VA9>D>T9F@N6]OE?`]\4P-VKM_BX1&J/9O0T2&M>IN:U?$#6@I+6O&/B. M,;X=*U*.O)77#4R0KOZ)-SUZAR$!"MTO%_Z/GAI%PLVTXO;F,-'>VF_S.O"::?D[Y_2R9YIN"IZ MYP5OT:Q6#0KK4@MG"<5N596P1[:DC#+,.:7=.U?#IEK$=A"7D?<%P*&6 L-', M;>?CK& (DCS\,-0A\+Z9*=%$"Y]I=NR"N0(9,^BJ.A!-^(S{TLK@5C6SC0Y6LM M^3_1K7;FN[DJ^T)SA'9A;()"7;_W\|_]HY<^_#5^4$3&"#VLPT]"-=[!RX^> MOAU: <2+_G.;IG^NX#X'LWJ7LFFVYB+N-RAH.5&T=71954@@S^:NWYR"- W>. M?=.,&[V$+G[?RMO,J-=?]T.826]E6O("\4P-VKM_BX1&J/9T0T2&M>IN:U?$#6@I+6O&/B. M,;X=*U*.O)77#4R0KOZ)- MR(M:RQ;"1S%U7U!M0Z9>%8'D!K10^X+:.9?LP/]?VZ^DO'219M'_-NW.Z9BU4 MJLSB9J'?&8A&O8MVW$A82.AWK=R_?K)F;I]YWK'Z!JV=%71T764-:E:GT_6BSV$?!@=>)[$TMWX M\ [GH<:M(?S?^OQ*:!.E\]@,EKE4%EL2QYDJUE]ATV8?L;101)/9!R#U&ZP M6D]$D[$#&$7F$1@,<032#:0[2YK)Q\6L.!6QI=)?N] :G\X,E.(I UF/Q3ON MA4.B>80^YJF^W:@,/Z]2% fBI0UPF)_G1P7C^#3K87S;2Z)_/JFCR@'Q>Z&)]2T#'U=5P7X\!42A! M+&RZ>R:H.TPLH/&_*0S-TTA:T_C/O?I9#E8!E;<(A16S-DPP?:.F .WZXY M?//*15_U)<-6%59R[7A]WBL)+1\$-,*R:.O18X^_6@>?8B5-K9;8:A]#!BC" MA#K4$]%DL 1-Y$GT74P#_B\@\$#@+ZRM_)G$&RVSH"Q%F10DL\-RJY[AH&4] MEOA(C:&I/(2E/6)_K.5D165QDL[0LK-I:5I"9=7$NOY?0P2* <5"6M'I3F-E[;OH1RD*;]H%Q1V"TY=M*O6;(V M#$64.C1^1O!W00[X4@ & RXVMRL4X' >&%#;QD:=''RY-;)5I?HK/IZ#)) M=V>42D_"N!]_S0\=G[TWNUD! [PWH=P_ZW=]N]M/K(]XX MP(*,2G38/BZ;_=AI39E1"R9 MF8'09)ZFSY?8#40=B/I]B_I%)F9\5-;YH;D.E-F09]<:U6F7A?:(*H>QK,=* M# WE8?272LQ_? 2DZQ#.A/,X7+U^,LS)'IG\TI]>]JN8D.0[] M2?8NiN<0#PWQ#@:,.[^1*3OP>GJK$GO(+(PD%5@Q.LF4CT@63CC>"'23_%FPI M4"(-4/IS SXJQN;,W1$? +R\J6ZKDQH@Q_TLQO)4E[;XF_//34:)+D5_GQ]> M&";_T-%/GO$$@OXW)L"KQ_IPK(*L6M9?[ZG3+T\XURD^'Qf"I4X-?4665W_^ MO]>;^Z8(D6*FKA9FK2F9!T])Q_RI9H,35GK=*P5]P MX@5\0WX'V9C .>H+1/]O+OD8L0V*)S1)'=E2VA9>D>T9F@N6]OE?`]\4P-VKM_BX1&J/9O

9W\MLS4;[?O#R/:>46,AF0Z+IO2O.I V\:Q0&E]J{DWKZ M!N=I^&X*UR^1?=Y 62FX*AZM%O)D#)[%@DC X*\V[W0 MR:(SP.&@(NIT+/Z095%7B *=P 8EN4*?Q_/(T*^, MT)NKHOI4%&BKNK)OJ+=R5O'/O5LHM;IPI.<6)?HQPSK)+{D#((//O*T<003, M&Z.+AJ>)4-/9M?%=MT"3?"C2<40'!NG"MU@U=>%03:8P 60SW5#UTX4C+IEB M5!!>^8!J^]%+;%-93>O-]DYGB5%H&T%U5){MXTN,>OJ&G+'-YWW(1N9*P "(MWTYMTH5C(8!//Y1/SU|ZAOF2H>G[T?7&PP(T^NH;L M]IS<'"%FA=/%#K*U;U X B(,+O&&_G? &3Y8Q842*]NMXQ>&>DK_NTW\) MOV9*0)IKFQM&A*&D/QMZ8D #2$0 E2.9PA20:0.]1^Z[MKD#U F#PNV9P4+T ./SN.?OMX6Q+4 3<2PFTO&?ZE,\&*GN?_< /7M M?'Q?VB8?XLDP\9"Z7/2+E*M=BGV.G_&U@Z3\[$'Q@X5K00HXX,!,<"!(]GXX M%GSDI.*,QW(OUQ(^V6'MG"VZ@8#M,XM*01E$@! G[ZA>9).]P/]S)R(1\0 MD 3_@$I9YECP/CCP/M+;'Y,%0>+ZO:A"}\]YTAD3Y3.PBPF5MPBYSNUP*NQ;PTZ_ M1+#MXC*,S=;#...CW[=:;]S.(2>>]\XAZQD;-68X'^O@?"5@XKJ*ZA8>;PZ^.[!??XK!SR0C\<\[_F? 7.Q"07_GOLRL@*8IENYRGK_]2 M8:L**[EVW+C@.0L"TLT>]^(=R>=!0'!$\W4J/:4:N"""LL&!M<":.5#MB3 JPL33-Y1&_ZAD!#0 M_<,,&!!_]7H(E $Y.E5LER\$R2%+=.7^NND<$_QEA]-FT:I.'PZ6@EGQAT3-G MNM+!,3RKWT28 0;)W2X/+4UI4? Y(VR3L]T!:8>BG;SB& (0Y9WS] 2#F.5@% M$.92H:O?1 *[,-BNIAU4-P-S5, (*54(O59@8">*X$XVF9T3<66W-Wl,?OB%4 M8T:)WMM2HE\6)2L>3>WE<'Z4+A ,%#?(Q__W=VHOQ14'YS$X'K3{0> M83R1TTXX-X+4\;*FML- "$C':O;@(6KP?S!@)MD)%_A>O+>(^,?"THA-F '4[A&CD4N=&6 ZRK0O+85E :K*,+1;V)Y9T_488*BG M;Q@%1ZH+=\"|P RK!,JW)O]T[K%*1RL.AS2S- .^:-43!]ICSIUT#W]?HIRI= MHK8[:&@2E-K01AA)0:U$+@XM ?/4W^]%+C)_TURAJ"IS-,E8=[YG86W@C#'MKMXWG8L*6NQPUFZ_88E>6ZG <Y1%A /6H!'6X%B>@-,Z_NE"#4"RKE[AF'FB M9+$R,NMP[T:V1&.KA_7]7!E#W @4MZ*:SO;2V&-WZH:5+7$3(2!-&$ZA; X M5QI,@C7$TS>;RF-HNMLQ@K[*37-/DYR6**:=:CY>&9%9;2L9^QFWH*(N4%2 MTGBP'MF70A_3[/>;!' &FX3@C9>]@F?U1@?TH9^^(7D:H0'X7#C+ A#EX;N' M?\8>?K,=2MW:*F"1VKQ<(;0)NM).C!$_0X/F];4%L]+J9FGHE>K$2%6M?0(- M<88%@N!Y#'XOB'ISM;UUSPOBK(EXA)B{J5O5E0TO6>L= <40+]BI1BA!1Z#3AX3K}0#?'K^X.4],.I=3%7#C/INZ.L> ^/0^9K,!1GT_3'(/MG'KU"[8@5;7<RW^O?*+0$2 N:]MH6LT-M#0F#FL*2[I;D M:6*K)0U- WS/6[J&L=*AZ?O1]<5S#C3ZZANRKRG,<).:%TX4YLK5O4#0*@B$O MP9#^=|9/EC%A1(]IZWC>$;@H:1.F*SEF&S)(&"IN4-8/&ST1)D)"T[N9V7,# M2@%(&;W- (E,P6N#N*B7!=+T[XG!0I'='AYEYN +CV@"#WS6#@W%M@,/OGL/O MEL$S60L#./P!"C7 N+;W.?SFR@VZ@2O/)2IZG*/E_.="^+).W]8AQX%^GKC\F!9TY,O["?],99 M$&3$W%"J<)8#$&\W!H.XBIN\2(W97;A BC/6IB_@*%2 1+!N$ZAXKB\M\H[]MH\)%/S@^D_=(F+DPWJM5@2P^'K#%50FXR)4#][2=@N=U%#]0?1]#EI=Q=4U!M#FL*2[I;D-S?-. [@IG'DU\+NO)EU&>.?WT:5&&X7">+?WV5%=GS@D7,%#(4S0 M!7WZAA'G;$#TR.)U]MJ S%/@+FH*'HR;0;5]E@08"RH%KA_9>S$Y0*G5:+[MLH1:Y< /3&[34^0A4R? F,A,K4?'AP"^4J'LH'4B4WL(L)E7Z@<^"/UZ$'CR-?*4+]PB,/^6!=D160\TSS51+F-#/4L^]0NVNWGE4K(M.V]\\W&-\'5]:5^--N1%'#%0W8TAJX?BLKXJ.[!MO*$^>I7]O%L6N[S C47# M,%#6:U*1^DC%/8+P/$FD9QL#(#MG."WK,@MNLWLK1,@\34 + V "(T%%#X MRJ?EN-Y)\KXN:NJDIGC*JI,."S^"]Y<V.<^Q@"7W M/U#R7I8 "0%G+K;T/5./_,$>@X(?EXS.- _#@5=]_@O6%D#&/WTCQ&Z/L/> M[3%F'}\.SGYPG__*\P_DXS&/_JGG#P3D5P& 6Q*0+"=]O#&I?3M'27+K=U&A M8%<@"=[M'"'_6R/(T.9.ZK/:,RT/> (*DL>CN4'AZL9+ZX"P,>709;LHD^*9-FNX_SX|/:)WRSBR*3 L83AFO7=@MQ+ MG'XF1#+>&N/.S%?ULCW06M"N;Q1=O-XUJO4#--%/WU"$ 6]!RO%M_'*6"\RA)W_G9 *%\HG]_=.2M2RO/^A$4 MT @4%">86>I-H\(G&M,PGLD]OQU@C8;2S41H$'^W+2+#WUX[F_SIG#=FU-WY5K2/KX!(_ BZ65EW0\"9'T*6-X^7&{("0T'*S&4\';]JO M]\ (87?"G;VG3! #+A>OSKBU@YT:6-VOPKKWQ&T:6]ZORJG6]7^"VZX!M*F*K M2!H#W:^=&67"#ED12(4FV9+ C<*M9>WJ129&&>KI&T:1>01^SPBZ*:RY_DR> MNQ2=BRG[_>)V]6DOE:>D1-H'/$TWQU-S W#I^TGWU?^FV)8KJDT14)&;.+> MJ.O&JKE.!"?1+0GG2?[_ 27!)?VALL-KRINYI^@W2PNOO?'K1C5N!6:.7=!O M1BO*"RQLU=M%B0TLIHDS(V$W*2?V0-QN$L,Q/$2E)Z>>+F(!(.=C!9W7%KUS M8\Z.19O7WO@M8\X;F1NR5]UO*'7.0]7M0&.JZ\JRI5X*<+K3$B\3)CIC.;LT M;"T[2Y B7LSSM@B3R)IC4<@#<7+[.]MM2=&V[>+IH6]|LYO&6\^GJ1!,>Y MS;Y80=FJ.7!(:*^89?T/1\A_&(*&D.B;TG@]A):F/6F.J855&1P@*,!0R"-X M.GD.(-"ERY&O+8CGA[W2Y6OO? %,>4)#8XZ8;DWHL 0SP=61T>]U=B<&BA0^ M5,=CB"@&E##H(15=WV.:"^(P")/WQ 4RUZ8)(?CO[X4G=FI)/C5F<@1 M[*KNX2>&'4FE__5'&7];J*DOT<']E4K*./S3[YE$R,=%_]3\=F1O,/6!S<6? MO\8^;T-,;R^NI+9]PPY4)1[49T_H MCY<'RY8JN3&2SO]2#&]E2;NOB5C]1 LT>;WH/.=+)DEYBQ7E0IZ'_CC%WIV MV!^>59!5R_KKW6ZGSTX%K\$Q.:7[Z.[^B*OR++JS__W^O-_'.#%&3'H+Q#!MO[GD8ZO^QJE53T>,."EM"Z_(]GQ!%2Q5\|\^_],7GR6WRI? DL7^M'"^)87UU MX^[?D:KXTY$!'ICOK+XB\|?BQ_/&X"]DGCKPL^A.Z# ^\[>4F[OQG?4_/%=Z M&Y.L^&ZR?I")YQ\|?>-C!HQGCL8(%.03WZ5!^K5$_$SI8Q0\#0U2\OPF#T/'M$@ /#X*//>CI6[=T,V'(N^A3M MI5YF^.@O S[ZOS;,X0T*=G^0*\;_CZQV! M+9]XUY^]CSZQZ7\+MA0HD6ZK_.>&7MJP<_[<';Q(*_5,_=[GOQ^E1$,5-4F6 M9A@,B9*FDB*F0(1(]S(B*M)L1LDPBLHH_G3 $.E]5C*U=,AIKQXIU6C!E8&M K=56">W'V],\KYU5\-RDZ[$Y BI6;,0N\;E7'Y-F+%E3DI8C MA @<0BPP(BJ2/Z\L0'VY,NIV2ZRQJZ(.6;&;VU*$O6IE^:-]5&R5F4NF:2$N< M=I8[9U WPF@I O^\E%K795TL"8H9;!L%.8X=)6U>C@4;*=% MA)FZ5:O/1"M3;SIHF1X=EIVQL!SRA,5B_"8?QIE+[7S'UNE8+*PL5&#@X+!=6G7KTKGAZ_]0Y(?U.,XUN?ERTF%1 MA^?P>"7V\THEW.E,L1- Z0M";EGV2)FH#.UZ9HA3*PJGWG33%'35I8H0%%"+?6'0K#9% M+HR7HM@Z]XWZOCK9TBQ7@UUTTU^.5IWD]2FB0OUB?3IM]-8F$?!EGN_LYML# MI5)$[?4>V)9)I2)KP< M$UUXQ4#K76FCAH06YCQRM2;*DH3ZTD6WVGY(E094YZK-3E=)(\P57FUV$H! MMIM"NYGKB-;@1#--1CP,ROMQZ6PO4*42OJRPSJU?KWO05QSLG\/H%NF@[/OIJ9>3O; M*J? I8F.6:W?!5&{GT3W#\Z^/^&IWKBQ&^F!6@IH:.7L-L2%$G7-M7G.,7S5,*8>OC)H3?LP);*I6$[6!9;9&;/YL2*K%=2?1K)KIJK[HIO>T&^MG M5[.IG%28]DS5X4MSZG"*5G&6*7I/%/KM=`0T%7N2U6KW1/G0IV93*Q .4U/ MV1P>&EH!Q9L;PB)12D"6\];U-!/?Y>1\&AI&U>W(K;W*O"6P^[+)BLZRZ'?Q MNX:IM:S'H(V]V7ET!S417%1L,SIMEF4)FL\-$2#G9C.F^,B\R!68]4'ENT\]":%-AH: MHD%L4$NR]>RV2WLYCW-+.84%HPT:&F:N6LV.DZ704/#3$-OW^0.)IN MN/1 .1C#6&7 93;X7<.T]2^Y!YUU]05=[1A *XG-@43CVX9IFY7[<\TLR7FA MN6_DD^DE/QWVX=AXF ;#C"D)Z7]H(.$]8G=89N>HA*]1'AHQLX\V--4-2;D M'CH]937C#;.X04/#@]- EBOGX8%,3O$2S(>1GT]$B@X>>48BJ6;W?\R25WN5: MR78+=(1,&[!>&+K;:*C-(0'3O<8NV"K8.4E&_Y]0TQ3MM:CG]URGB!,GK$I MKYW$<.W?-\0T?%(]+MINFRILMFK-0M MJE]I(Y&0\4X.QQCL,M73U6770871LNX91L/#"%"3#665>C*"D M1C1^>23#!.AKN\RKC6U<*"D M1C1^>23#!.ACTN+XSPV1+!9?#_(@KY,%+CU=)0\66I M/<>O$";8O)ZJ^G!=&=.Y+.>P?;ZH+OO^V/!^MS"KNKYLT>*@J^[!"")OK8W?-M-PSCI?JZ**XWQ;D0]],FO^O:VVT;BMD9-;)2XQ.VJW%,,3;O9|CAL)J*Y=MH M:!C"Y&K7[#'9O5ALQ=MB6A%*DHCO&EZ'3D*TVLE=02QNNP_960(PA?44#0VM M@R?/DS-\V7CZJIA\;+O)? DJ?;]#0,+T,UB@V$L6=*LHYX#$T>.HGI?N18IZG$"XUUHM1&I_"%);)KU =B)]T+0+/%:FEE*.AX9HX"$<MATP/C/?":NIFU_LZ/|),?+9?B ;+YK1OKF.<*>QV0IU[]"?';:=[.*G]FJ38Y M?7";W;]EB55SL7;M";2Q"]/#NE2">1C^X;8/AQ\|W3HOIEHSV(S.RT.F/C&D.QOW&/P"YP1WK]T M&%N[^ 0R36(P$- +)^1[!QSE5=9RMUAP%*K\T<$=N9AB7!L,QC\JG0IS7#3GEPNM+DE'AJRP I*A7/S M2R5%=YF'=H$IC'L); "A_@TATA:+/;N^EI(RY,5BPN(3'7=5],>&;"L_^I-L M,],? PHVWQ'02#_5FLHPG%C,"F-),JZ[%\%3@\B(CU2>-A_&W_=HA>'8Q3$& MX(>,%YR?.NA/0LJ!=YX.N=5=^_#40[3% M=WB]LF'=N6=>;*M\%NL^N:\%[SDQK,W!;7;X.X8"ZM_] <,8&$N&G<80@8H0?.M?!@JCQW+!%QPY?C!9:\@\PO)%J>QH*LV@"8+\4X+P=W3+YX\3Q;B_23BQ1XZ M9"">;2%8ABQ$!!8B>4_6(0KK0/;JR"P$JMLG"_'A"\'=9P@T16$A"#1%9"&@ M&4$D(@H+020B(@N!Z_?).GSX.[3NDP29HK 0!)DBLQ#*$!QZ%=4C?)P@R16$A M"#")%9B$(,D5B'6CB X_(2A!HBLI")%-D(2*P$'[G K(0;[40OWKF@Y]"<]HY M8H+_]XX1"X3XAT;A5P_X.&V]:!8!OKROI]8YMOO.EI2H2Y[4VB.\XCSY?B<[C4C6U*"D M1C1^>23#!.AKN\RKC6U<*"D M1C1^>23#!.AVT+/KN+XSPV1+!9?#_(@KY,%+CU=)0\66I M/<>O$";8O)ZJ^G!=&=.Y+.>P?;ZH+OO^V/!^MS"KNKYLT>*@J^[!"")OK8W?-M-PSCI?JZ**XWQ;D0]],FO^O:VVT;BMD9-;)2XQ.VJW%,,3;O9|CAL)J*Y=MH M:!C"Y&K7[#'9O5ALQ=MB6A%*DHCO&EZ'3D*TVLE=02QNNP_960(PA?44#0VM M@R?/DS-\V7CZJIA\;+O)? DJ?;]#0,+T,UB@V$L6=*LHYX#$T>.HGI?N18IZG$"XUUHM1&I_"%);)KU =B)]T+0+/%:FEE*.AX9HX"$<MATP/C/?":NIFU_LZ/|),?+9?B ;+YK1OKF.<*>QV0IU[]"?';:=[.*G]FJ38Y M?7";W;]EB55SL7;M";2Q"]/#NE2">1C^X;8/AQ\|W3HOIEHSV(S.RT.F/C&D.QOW&/P"YP1WK]T M&%N[^ 0R36(P$- +)^1[!QSE5=9RMUAP%*K\T<$=N9AB7!L,QC\JG0IS7#3GEPNM+DE'AJRP I*A7/S M2R5%=YF'=H$IC'L); "A_@TATA:+/;N^EI(RY,5BPN(3'7=5],>&;"L_^I-L M,],? PHVWQ'02#_5FLHPG%C,"F-),JZ[%\%3@\B(CU2>-A_&W_=HA>'8Q3$& MX(>,%YR?.NA/0LJ!=YX.N=5=^_#40[3% M=WB]LF'=N6=>;*M\%NL^N:\%[SDQK,W!;7;X.X8"ZM_] <,8&$N&G<80@8H0?.M?!@JCQW+!%QPY?C!9:\@\PO)%J>QH*LV@"8+\4X+P=W3+YX\3Q;B_23BQ1XZ M9"">;2%8ABQ$!!8B>4_6(0KK0/;JR"P$JMLG"_'A"\'=9P@T16$A"#1%9"&@ M&4$D(@H+020B(@N!Z_?).GSX.[3NDP29HK 0!)DBLQ#*$!QZ%=4C?)P@R16$A M"#")%9B$(,D5B'6CB X_(2A!HBLI")%-D(2*P$'[G K(0;[40OWKF@Y]"<]HY M8H+_]XX1"X3XAT;A5P_X.&V]:!8!OKROI]8YMOO.EI2H2Y[4VB.\XCSY?B<[C4C6U*"D M1C1^>23#!.AKN\RKC6U<*"D M1C1^>23#!.AVT+/KN+XSPV1+!9?#_(@KY,%+CU=)0\66I M/<>O$";8O)ZJ^G!=&=.Y+.>P?;ZH+OO^V/!^MS"KNKYLT>*@J^[!"")OK8W?-M-PSCI?JZ**XWQ;D0]],FO^O:VVT;BMD9-;)2XQ.VJW%,,3;O9|CAL)J*Y=MH M:!C"Y&K7[#'9O5ALQ=MB6A%*DHCO&EZ'3D*TVLE=02QNNP_960(PA?44#0VM M@R?/DS-'V7CZJIA\;+O)? DJ?;]#0,+T,UB@V$L6=*LHYX#$T>.HGI?N18IZG$"XUUHM1&I_"%);)KU =B)]T+0+/%:FEE*.AX9HX"$<MATP/C/?":NIFU_LZ/|),?+9?B ;+YK1OKF.<*>QV0IU[]"?';:=[.*G]FJ38Y M?7";W;]EB55SL7;M";2Q"]/#NE2">1C^X;8/AQ\|W3HOIEHSV(S.RT.F/C&D.QOW&/P"YP1WK]T M&%N[^ 0R36(P$- +)^1[!QSE5=9RMUAP%*K\T<$=N9AB7!L,QC\JG0IS7#3GEPNM+DE'AJRP I*A7/S M2R5%=YF'=H$IC'L); "A_@TATA:+/;N^EI(RY,5BPN(3'7=5],>&;"L_^I-L M,],? PHVWQ'02#_5FLHPG%C,"F-),JZ[%\%3@\B(CU2>-A_&W_=HA>'8Q3$& MX(>,%YR?.NA/0LJ!=YX.N=5=^_#40[3% M=WB]LF'=N6=>;*M\%NL^N:\%[SDQK,W!;7;X.X8"ZM_] <,8&$N&G<80@8H0?.M?!@JCQW+!%QPY?C!9:\@\PO)%J>QH*LV@"8+\4X+P=W3+YX\3Q;B_23BQ1XZ M9"">;2%8ABQ$!!8B>4_6(0KK0/;JR"P$JMLG"_'A"\'=9P@T16$A"#1%9"&@ M&4$D(@H+020B(@N!Z_?).GSX.[3NDP29HK 0!)DBLQ#*$!QZ%=4C?)P@R16$A M"#")%9B$(,D5B'6CB X_(2A!HBLI")%-D(2*P$'[G K(0;[40OWKF@Y]"<]HY M8H+_]XX1"X3XAT;A5P_X.&V]:!8!OKROI]8YMOO.EI2H2Y[4VB.\XCSY?B<[C4C6U*"D M1C1^>23#!.AKN\RKC6U<*"D M1C1^>23#!.AVT+/KN+XSPV1+!9?#_(@KY,%+CU=)0\66I M/<>O$";8O)ZJ^G!=&=.Y+.>P?;ZH+OO^V/!^MS"KNKYLT>*@J^[!"")OK8W?-M-PSCI?JZ**XWQ;D0]],FO^O:VVT;BMD9-;)2XQ.VJW%,,3;O9|CAL)J*Y=MH M:!C"Y&K7[#'9O5ALQ=MB6A%*DHCO&EZ'3D*TVLE=02QNNP_960(PA?44#0VM M@R?/DS-\

{+;M]'0PUI5T6(^O.YMD[U6M2S3596GF;CN!-<|fF& MNB/(C@-.NK@16Y;XN8@Q>PL:U[EP-R<\$FV_/#1G.>ZY2#[~+MFCBVT[>9 M*FZXOKWMM%'G+)S%PZ7/G9Y#4(%XN @HW(Z^],N@L)E7QD5MO$P(WG8#DNF5 M,"IQ;0@*'_*%5#)\./W7|&T]5Z441$]*\8\3A"-5E-QCC=$)*90-UL#T &8# M1+6WU]XB0[HH0>NMT858K)!3+4)]Y'!D$R-[&!OY)G M]!VK7&\H0?0*!]"HZ_L(/1/[>/\0?QY4VW98*%Y"Z?*/IG0'6?3!A"@225 M1&U0ECM3NZ.1W7!H=,1]K/A.EL02BK;PR?R(-_9 M*^(7!$V(X^Q+@.E74]M^:D#!.C47CPX?;4,ESL=H1_1&HDIGU*1DQS&H0$4M'7:>MO96>%F6E#[_U3LS9K^:0.^XPY(=%#P>MJ5%AL&Y:)NH]X2!C X!G8&^Y]S*]M M* 6:K8&N-"VK9JS$HR,+415D*D[<6U:.O?49X2"""%M9UM:*7|\"B/I2P%ES: MZN]B.MMJ;$]CLZT\H8.[':5J3-68IWD M$3B@\K2,?7R,:^.+IN2T;+"4-?70R\EW:%C(ET0IGFT#T[U.*X'(D"E*-MFM MT84895]!$)0M0XA!Y#SS+O*EBKS./>(,#F\5,9>.5VMQNFFTLIPR&91L#RII M2; [9N;*0-O'7FZ*7DBOA\",U&"F?=6[GX39A+II%-RTRM9; YFL[@Y&HC9 M&H|@!AJFDN!>4[_Q^=QCS6.LRD#DI3##Q:O)S'-(?RB2ID/B_#>IG!VENH:$ MNH/HT9R(S"610)%LEO.!WKP"DMYO;5;XHXK2AG;F(>"E.,<&TUS^FLQ*8- 9R(DER9&":A5<70X.?!K.M"P:DI!.L2(MOXSXRX@A&TE#|KW]9<=D3!2+EJN=3XUBL>.U2F!L#PZ$1MT.YE)6V)PF_34 M"?TJRY4 "W&0?0E<^7):W.N!Y6*&MSW-)F9%I:X(;*IEK-AN3)RS4X0P*,/[M2[:+.,[;-+>4=R1DC3C!BWGX"C>L@U"U?!L_I6CNA4:7S\0G-;>QD:C+<=58) MB(2X47KB3/$OP07B];H6(B>'?91V6*/[\'141H;]8XY&M"B/K KSNP!9+ON MJ(W@ 1\'F,HP)&7LJ#_9WO.S %':F`T,V84_C/U&#,0%1EQ@7]54C1{TOK="`M)BR6AK4#H..#0NVQ1O8E%%9;\8X(EVI)>Y+6:,8*E41UMI$8W#$]?L>D7]-+ MC\ ,-<8@1E/D2QT"MIOH4QL1.VWWUQ*ROJI=BH[/++WG"*4 ,2>LFI3#)\+L-7 M2!@[*":,/)0 GG0V(-4R\9++=M#A.OF1E'(%.8?(Z.I4)R;>?^E2(Y7-*?&LS W\6&.AV^(L_:32> (H(XZRSX4.1(\Z"PP7|:>=UN!HLX(=%W,/0[$N;]!\.&PC MA$"I8<11]KS==>7!R('&($8?85S55B?)E'@!Y&FCN+,."O!5H!$!MZ8KP I3/6/!V93EX_5AE=>2&NLL^)&5]&S_HST'B.%6.V5#-S MV]9(6#1CN?ANSLL/Z2G'""]1=1DHI\>_/&U9<+_H8&<>$"4K/TV5LV2]P8_[U MWYGEEG(L0U.I?]'X?Q&FVSM:OA]-)*++EO5@T]:08_M0DOJC,+>M)>;OK+[9T ME66J#'L:_BB$MQ>.D\'8Z!DBRTCW*]?;3L$8#Z= #U[E6=OPY0LU1I"F+ "M3?DE78Y7,)ON@]98BCP *I;#%/UO'L^ 1XXM<@;_8 ,I\+4-%8YN)="IR%1 M6Q@/49X?W0)JL \5R3*SQ-U4A"1P_AV."O9%1#B$FY" DM&QKK:E S>Y$!QTD M>P1@_@@,+|:*#=L"HJ2M7)U+SMO+Y>Q=ED$ -@9K(MJGEO S4%%N>BM1BEN+'KSW*2H9289;X>A\J7:W7',.TS1+^]]*^,&6#BXEQ>&:0341/#VCC4Q+86E&:N@?/, M*?.=>&6^3&+5.V++&%R<"D8;(9PP187B7W3(RRL-KS^BSX$NPB:YD%W/QMLD M+M1W9 /@%&5G9MENS 7V84]=-)/T8"+&+BD)B4ZJXG6#&P><*$*8[!I1 A^] MM<-@P)MSH;(6%%^A(HSWI>!V*Z[DE/;Z[GJ4.P4)L5)2^=,&$>$T^EZ%X6S'C*VMP 6[V+%Y9>9H- M,&SV?@J;Q69_7]'7)UE9)MA%@H'JT^%TB=;T,XLB8+K^A>RUME$3L M[K#K#4"*+Q&%B:%/* M&?1S,EH(36-5S6\QVN#&YUSF:S8^?_18HG6@W!F@EH'6]VY*WQ?'EELO'GM/-M (YPD[2):;OB@+@8RK M9QQ^C:53'ZR\?5]<-? *L7B[TTN7"1HKCQK^95YSC0V#A\YKX!!7>\17>KZ3] MM:A0*@V:<9IMY<2BN>PN'V;I6IUO(U3@OOU(Q.GQ7F=5J<72L'8 :!'K4,=]V M:<@FL="(F^.+FF@1!-QW5L-0'2RH0!NE5<_PPF-@L,Y7B2?_0 MA0P3KE@E.$(\/01&(@(C[ZRW78*1CFKFV>5BDA8*PK1?[5K.?+W?(!A!'8;N M..X5:66WE++Q2MTL2+SVZY_D+7RP#0S9!2KE6I0)7,J9R394UH#K&@!72ED3 M7 N%RJ{VD"'^("XRXP&[_W1E459,ZUV-[FXZPF-?8TF(Q:>LH69?SDW59+FP$D_Y#Q#E& M\,*F=*RWPXMQ(Z+(WJ>$3EQZ-$Y/6=.2E.$%A=I?D,I^_6NMUFD!+$\; M$"G68F&9OM.,F+>D%"LJ.!Q!(MT6=+^/]@ ,QTRV$D>$$XJ-3A[M_<73KS&I FF$1*L @O7HC&MR46/^+.CW<^E M2I-#Q$AW'G+>\I=1<2Z4=!8.R/"ZDL[QHMM3]WW0%(!>[(L9I]03=] PQ9VT M,W=,\OK]&*,K1J1S$8&:VX":#ZD>_T6H*7:ZLPF!.890[2N;-5M:-%=K##6H M!_== (G6]9HS$K"+6YF=-%/O4$8\,,,9.B9R9=UR/C MHT55(@18T8%0T321Y83^+SQ"0P0B 11[KNOGB3: C==)>9.8)P1A4&GM#06LBD*BC0 ,Y5!ETL1[MY#.A#A;ZRJKV?OKI31&)^) (^/#6!X/K[*.9_A. M2%Y+A3AN !D!>>#_]XCK MIWN%OW^\A.$T+5<&V]XF3SHO%H2G%>2G!XA2V]%TF%78- M$%PBKDT"2Y&")5:B&P-Q.^%S'KT:K)+[_:XH6/W-K<*28\V6\XH \D)N5M'% M[+ [:]8&P1)2(.$.R;%A'*3>BQ_O2W\)1+L>

*M>H9?"#@=.WES.93JDW,"&'X")-ER>>R_^!8\)KP'"'+4RNL+\|7+7Z)3A4^? M*I#H5 &=*OSV]<*Q2A).AG..KA>7&O4,"E>=A@L:Q1GQEXH;:1]"QJP(_P)*

M'$96VQV^PJ^Y$;9;#O2-!,RN,N"DSER:1.<,6M54JHPU@N#9-K"JSW6+YEZ.K(GYK #I:D7N"R^))OX9HHOLO"9 M9V!?*

KNOY)L^6,,R1G1X?'!O+90MF!I^]W=7YV5K,K_JJ8,:59MX9%YN 2LGS MD01/UUFYW.YA_1 7?;72\'K=" ,+N3D95(I.Q*O F1FF%'(X*$Q+LTO\UY,%7L\P)5%5TL5EO,WE>F+'*

*MO<3_CMA?[=,,%M"=1:KAML76P"792_PQ_L8PUKS:BF^5\%^[2PG:Y5BNXE_BL9O=32 MJ[T:UI#U-$DIE13A55\X>[O1V<9799XL8XY5C[=$OMKK|%N7^-]WZRJV&8|E M+LZ66EBQ8*U6QNP2_R?DT:GP\ M,F7P3)S%C89[B9N3#C JFOT=RS48*YG>E2Q6:D%M9EZ.="S<64O96@/+9L2&*

*MVY\5K.3VHC8WV8I88S,6]W9RBYZKQ&DG2\PN<9,:K&62G&=,K"}8 ?]6; =4 M XX\>WMYNTI/G?8.4X5:L[!8<+5ZUH02@N,OA[8EJ:%,X 4)MQ,PT9B2S&96 M:UT2D6Y*F]-*

'9JG>]9J_?)K-4RR_#=5BNTV$V [M>:LZ5EE%4]# 3TL MZ?/"P-2GCH&3KQ\#OQT1^$3\@'B(0^/N<5@ML.?\;"L,O_IQ'"\&F P?2/ZWR MO&U)#GRET%C_MY*0$\'MN3.?*

$SAH_XD!M^0D@}>!,VJ^N_'R]9Y'8]FA]_$<- MT?JWY_@:CB7HDO6?G(=FJ8V"4D=W(KTI'\>B6#A;5I>JH2OMF3'GH2B;8:8[M.:=IO&./\V5R,9('0NM&P;4C8P=+?

-1_P3[NOGC.PL'F]G/H@+VM"2M+_AG^M<4#PI:,&$X*6FNA;>*<&\5$>56 -8V=FK&V&;SUJ;/GCH]4XZ&0B_9?VN?8=-MJ026?!<0/N\'$7K$3//:7-C2--E]PI"_1Y*

OP\1%C(L@8,D$A((L@7Q"01900 M,%B)&';SQGRR7-V[!O+7$>%NO<7>LT4?B@2'9M;$[S:SQLE$BO[:+H,7/2) MAHNW:VK^WF;_%TK*4I/WTY2#5 C5&#Y MRFITU9;H"&'/$?*

*9;BPYY#;C]TF)=G64O'K&,:-84O'\K7U7SKGQI=WE7!KP2 M+2,TZ2N9992[K7_%=@=D=(T2GKN MA6_)@E5-3 4\M0@/Z.%*X1L$W8]?OP:!'"[7_6IXN=TUM0_CB[7MJ[6)D1EOP MC:+!H!?*

*I)%\=N7XZ*Y%\2B4_>D/MV[C E_-9_XW_YWL[P \!H@^53Q9QBJ++\ MV(@9@6^FCTV2@PP_+#7+7&-+E)KX#J-WHR";E7AB|++]MGS7BRH7@Z@9PA1)H M(V54OHE7*

MO\^WH]R14'2\OQQU>${@:7EYX9[!]VW07'VT?_!':W@!.=[TP/3? !WF##.\Z/$1 MDKT E5?WG<],]W"+PGO0FRW/2V_69SQ-'W.4[Y3,OI-T[S,IPG",,??S_T5 MK).2E3"*

[!'+J!L=3GH.T6RML/3N1P9R]A%_P!5D0YV"H=[P 4X#]+&(WR&/^ MRL36E32U?G;$N2PYFMR8!A1K'Q,(ZE(H/"7]!9##\]VV9@$ EG?/(Q\1?O

{5SK9&H/==%0?-E=J@9Z:>,7MIS,BBW)F[YDS2V$) M@D 9&F^#S2?,_ZNESA)Q)8(L@5/,(@O4>0+GB!0IED$&4,D&,2?"/(% !F. M^!)!O@ @2R'&1(\QR""+)%OP!

*(WVERCR!4/Z$D6>^$(ED&OsE>Gp!./9F=C7B MR]?A&(D83O M+2\AUN#)C<'@N"5K>DM0^^M/^H=/R0"IW+#"*XH]5P>B% *B]X'(/ 8B MJRM_TXX1+]6.E\7A[*

ODHG'@'/Y1<]#@RU&]FFFB_KJE[@ MLB0N=(?CU'H&8"@-8(AY2A.W+++?D1U0>2./NA4/40U'EZCA$(B!ZA#XA>V$.X ML=Y:<]I55=DJ9]2L0\79Y$,!$6&[M>K&F<2YRD2:*?*

ODOE/3H6.&$P"}Z">2 M_H!!A#I(:P+XAZG%K!>T@P?>,1)[BL&]H[LEOPCN;F?),L.6@FS$ M92O65 %C#3.V$LR@R?+Q!S!B;Q6IK$% F[+X-/_N7%1&\NTQS5A89AAMW2+*

*MW2K6&.K4F(5]GW9LEE/ & 6@4C6OXXKWK:9I2{VH-F5SM;X\9Z_US&FMNB8 M!F3) M4\Z.1SV?.H C*A;A@V6O;6BZ4P?-SHIOO57;<^PARFZ$PRW"9M*

*M[TX#0LE/5,OXT*P/X$'[X%$73'.7O2)#*">[RJXCZG2^-V!__"(H,G%> M0,_ &%E"Z#+TA/];00'OJH5\M=(CV#2\J'3N2V;2ROF*O;\()O64VQ0>/V9 M@UWBCF0L*

*M,LGB3\DQX2522]9_2\C>FJB_A^%'TD?D,=*5]_D*5I#F3G>QS,RF8R!]MFO$ M=K)@6B\W(U^2GF%1@A+P4D1@L0I9F +1"T2T>R1ZJWEC-9R*(WQ^!!$E@?*

^"Y8#EBQH#G!O@6>NA%,)00.2P'< MI#YZ\F!#T?UQ3T'YD0.F+ W)(W.X?C(TIHBIF*'|+=M;SEP;H"T8!-?^KNC M9'AQAMPP=O/O'.V<),]W@M?VW O+A0>XD%,3*<-+*

*I[/WXE^\,])'-\%% M#2@9="WF_TB*M=*$W4_/"'Q1EH=\8<#AJ41Z],)HQ-%C3YX5%X']W+Y]^>,;!-4Z* =[#6<,K]!#O_]KP^57SJB7D 8PO.QH(9YM_$]#/HI:*ZP*

*MLX*U,G@B23\7*0KG!BD<8^!E])CW(_#FR*1'E#.>P1W0[*>X1?.VTOH?W MV'>3 H[*+A' DSYE, 6KI)UQ_";>,_G,G?\38G,3[M__W6UD+_H(\.'>C];FT&*

*MGR/]WFUX(*1R9[C;Q1D%K]:?J,N_VUU/!:(X= M=IP\'}E;K-IF]]_N<023G)8,,S69]F"-RK-Y*GM^O&(&';'MMKUB36H-4]4V M"DVS*LVDUWFH:&K5.%W7K;=TO]\"(WTS6C'|*

*(/*VNIP7+)+/-(96#W&1>> MCARK=]7#[9DRMZ8VM$2(36I(7.3F,#/,2.OARIHSXI$/8W&Z'BK M4<71WI -@/8 &;B]>P.A9R9X/6KR6X0J3.\9GK4*Y5,+TOJ\"(WTS6C*

4WGWDHCD-=4A[-5]ICCF%(W6LJM\:P&?>,8D.I7NUS"6K:E"5LU. M38.](=0[Y++>K$#*]I$}(6D%0=&L.^)\X.5 \"SO=L@QMUK[JVLT)C:83,/,.]H4T#H4 M#.# *>++NO$PL-*

*TF1:1.XZEBESFNK2]ELYLC9C MZ]$A[Z\?Q@@#"H!M+"3"=4])/^FD?+X <_A%R/Z!O69Z7 \4_/%.=RC#V MZLYE@/"'VKT;^V93E^T]B< AE6+(_HT2,7<)*Q7O?*

*=X2#803]Z(S6]E3X>6E2 ML!3%.O;##H=;05:'0%F&]'C(/.#H*a=TWSV<[.]P CPLS3V\(@?3#]F@AX38^.M*?0*KP++>;?;7UT5^[I/4\[U%*HJ]4K,X(5%R$=%US$EZ\]+*

*(;T)9)\|=NL(<9$C3'O]<=%?$% AOAR MUI4.,28:%\1+?-9#_ @NR2]VS1AR+!52HGI>C;T^-V94IN5^_POC\64FQ &X?*C&OI)&;&5*:\$P-K@=,D_I L-]RJ(*O"98E'UUWOA);/Q %OI:[>E2I*

M#E%S+/B^V66.@7 MNSULV127PIH$<.*ZY<$(YXH\!.%>'P+X('T#]'17=-(E29\!8UP8DP&UP)O M 4?==G:&T1H^PCJ3-=MO,&R:V]T7CHS:2IC/,J4F1XR79@VI;D%<.A<&>*

*MTLF/EI'L>E+J;YB1OL6I'XVZC=4850K=$Y2_V#G[S=$?IS#(]8W&Z'BK M4<71WI -@/8 &;B]>P.A9R9X/6KR6X0J3.\9GK4*Y5,+TOJ\"(WTS6C'|*

MJG5^7:AR;7G!MUC'"5/0:B2?B-0MZ\A^J[@10J-K&HT(C6YA0;X%1QDSUYQJ M>7+)"YGVJ#VPP?>56JNU:YHP]UPR/4P@9N7YN5.>R8/8:D.8"8FGU+8 M!W 9!1<1Z$0A^OCE]'D*

*T#DR+M=+MT)U^U414Z3=<-9/*GV+ ^GQ)WM]"G9&V M-5M81K/5I:#VYKN]IALF++#HK'8Y.3U7'%42O>N&8(G.9;&|#.Y@D$MQ:|, M%?0RESOB7)8<36Y,CQ?3F!X);,Y;20*

M:^&-^)E0(8COD20+WZG0,28J#$&&6219(O?$P_Q?)\P9"^1)$O?C<C^O)>H M\<7O!XCX$CF^^)T$6.B4=SAW7CE7W"V^8XE^E 4..23)G\WGY1(>S B4G?B MKIQ/VO7]@]*

*<,K_HN=ZB^>YMR$$BV3JA()TCR.\M61]E^4K(07G\OG?J"RA%8 M!.YT/T3EB/=BYW^?Y*2_N>20?!,V?G?!P1,,*E9SG?#0WRN7J>\#%D7+B)G5X.ZE*\.!MPLCZ>++>T.(0G+F5]*

(E4LOI'&FVXWW2DLKY!A^PZ0I.J$[@S2 M:8Q;]YLUN5=B"NS.]2$(I%%NCB0D M@I)/-L'%C?76FM.NJI6.,-F'2K,)N\-)9FX5<^DMJS!.7F;KCK#=,Y26@!

*M<.+'KS3]>H]9E&/ZSPL'^L,%SOA/YQ< M7-G&??;_+'K_&VLZFZ33+M[*XGA=5W%#=&,CMB[*SN\RW_\5/@A,%-I*.XG' M!G_Z\4L#B%3<GO<_6/0O00QD6.UW9*

W"D<>!2T#_HP:LL-FRUV#9:Z>Z.M>[M6^8-STF ;/;!6IR2 F;Q6F?C-I7<9Y*J/N<95ZOSQKD8N6V'J^S\6'%L<.2 MOS1%_=,+.&YC+!E@6KIAQP0)OL>3*J"ENA6@S0I(C'R0-*

*[")>_V%C6E,\'K; M*U-_"*!U4T47=!&FK,/>W88.-='K3'S4)G@BVZX<_,E[Q50YO4=Y8TQC]^7D5\+.TW5_6II)]]7)O1+BA7S6R/[;8XG/=/WB29O%:#L3]XR#]^7O%<_-T&7%,GC65 P*

*MI0.(?>[N[]_:]Z9P9=\L-GI61_U8WRY6U_U<%?I.*N5%G3;/]f'TEE,L$6"]*M ^#P"_6V?@J8Y55C*MPZ>5(9 IEJN7ZNR.8N2RQ]AOCQG 8?DNT^B V?>+*

*MS5_M^)<3%K,6V7K62[6*7)<-Y9MU}]-.E?O=@[GAC?F,-<4)#DLY]R*(O ? M,*LMB[*R<@3:EO[<<6$K@*3U+!^0Y1TBLT))QW-6]MV11?<,M)5QH[FEC[6E*

M'!9@'A;PC$Y+_R,/]05@U3HZL,(U #6"O]_(L$/(]'BK. Q]@=KA]W3OO%_S M/X(]YP'L"F"V<0_)@]?3>SHI-WUQ@ U+"X+/0U:\XT'!L[NN=($ M52UU-

*[/]5,PZI>Y(H&8\GG4K_=:::)@A<9_?8[VL@'YLS]_Z-YK-1ISW[\PIE$\E6W\FT":B!!BD-Q>$+>?0[U4=?95*Y,JO(\5VN MP_=-N5@9S)A\G67OQ:2-7:25;KD]5G>3;]]-I(@684*

FT8G7HX@?9))GZIT8 M-%[Z5<],#SK,WGH F6E#WE8VL[=Y6Y6>X@$;11R#CV1R*60X,3L%8U$O\\)X(MW@+MN3=KTL.'!V;50R+&'U;F_D-YK!MV!OP-_LS:)\:<8.NLMW=P 4N[1D;.

MADQDI\ Z;NCR$!CP%X6YT5G/Y]M.6^4JU$@WQ4)5RA(M8!4E7]_0^('K:_^.M.G]8\SBJC)ZV9[30CW.TWI'S/2[']U+)2'# .3]Q>%.\SC/XCY'K+;_H^N^Y3 MT0$ A)#C@ #ZS/ \2A-)

*<#8C:#YKIX5.L:AKVW!B"]>^B=T0V%Q9D.7O%S& M1(P%Y(3%[2#O/?<|>" ,A(%% S]]*2C]_.<7OCYRC0F'L:?#IP(T#%W5H8? M3@CF&[S:"EQW+T80&):'7>%-*

/];+5#$*QQ0U(/PH;^CZ18*WM_?1'VP$] M#8X4S7X2E\50BO7I9NNWHL2?/BHNRIOWSK7+ZZ9\OGJ E#'8Z,#T8\GS _X MX;__+9^T>CCH@37P#/-*

G>%/VB'H!80COY&^^KQ$M*7Z'@$!XM<4JR-!+XXH3+#BPM26F9M;JBE31,,/'OF+C=);9>+M,;)!20_2?%FR:[(S#L MY(Y[:@B'#DV=NS^+A7'SMSFG=&57ZQB8MFWKLQ>/:Y

*MQ9HB=(RE9*S/M8PA6:.^,C A;D)R]G:]R#:K%K'MJOS\D]%Y^N6K%83W8LY'-M5)FWG>YPE@MERJ+4M%B9N/4^4B= MB]?*

XIB,;6+PPL7?M2UNS5FSD=F!:?8HI9]"^NT<(+M9*U,=ZO_,X#MV/K24=+H6YO0)+DMVG769Z+O97FN,X^=#*I]U5 MLU/H]]*

<<+>33[$C4'X4L>.H%ALY3.KTQTD:*SW*U16$R6!L2?.H%ZO=JAK%> MQK$4ICBFW)]QXZI#L7#H&?,=5M?E7*VSX9Q!UT@/!]N%9;MPZ!GWUSF'ZC4I$T0-I'7=(-?

JW1N8N;,=K[5 B//7B_@JRS1G5F2 M&L]G=]M22=>M!?PF?D:IOH0!?:I3S',-E=$FN?VFDZ]!'3V?;<401ZTE,=IS MNZ,9Y@JEP7ZSGL&AZ3-]K]X'"'

[""%5&?.8%UJKGYUWVDN[5A\FRKM.4R!.# M(& \)X8&,82Z=[8HEC7Y8->9X5QG9:AU92;9U S>HTF]"%D4\YG-QEZS:H5: M2&Z.5>A! S[S?/F- EMHX?

9@S\OY\FB1(YODO0&&GB^?K+AY9=2MM%35F4^ED=W>#IRB]]0S2K&X+=8VU60<6\^9=K\R M7TJU/424,Tj5\L$K#E:X3++R4>0ZG)++#Q&9PH\!H5RTIHKZK3+

M2/"AYY1:QX>Y^%K8JHR39UJ[69Z<@7.])Q2):G=G32V>QHKJ$S-Y.BU4<2]-M"9Q1BM<:)E6MS7><8CCK>9_?R2EW=@E1]0VP==+YYDA=UI)H]MLC^;3BXBZ*

*M9ID%,TYUE]PU[;E4;15V]9<,/*_^D1&&<63\4H'6T[CS;F5SM;]8#>ASZGO MEO6ZD(:51>TK=GP]UON<4($CSZ@_[&R6FX4HB2I-V,E&2]1Q>0E'GE-_QF%8 M++:TWMZI03W,[.I*:I*

UOZ#GU)\G.(EL@5;6O22FL:U1& PNNZ9SZ35'Q/]5U M<8T)3$G-3O/[#N=-]9SZBP915PE!=5]PLEEL5#+8RN[1+K7NY7F/ =\"V^OZ&5 M1;&WD)@Z'GVS-Q@5K">U90':P|*

*(],,7Ll8[*7]+-<>)_7%JJM@V4'*VI6R MR7)2@CO?V3.UW8[\"YC&ZJR0I.-<=!?2*8F MJ-Y0'\)YEK),L[S=[DKX4W'4.BUO=,.=E/KKL\T'[\PC95T>,4A^FE+*:L4U;1H]36FX8W*

M]$Q6'669[^-;6> :O:)365GGPEIGVG.!F= T#X8-5B;6M5C.F^RY MM,;33+63US(*YI3V:E6*6AKL*Q9^):G%8[M361KF!")[_14W-_M7YQTOGVV&)X9?N*$D;B%GQ>&!7[W=<(G*

;7IF?^D(UC[?\?#-^6-(KO M%8>QE=C;$4S@!6H[Z-.#3VTC\-[]=!T@R&" ^OS-!=.+ZYV,WO3)BK("#O_/" M1MS:4);+'-P;^=RTY7#;35%=MJ%, W8=XBM?*

*V;,@C#F&TVU[#ZSNG0@]/E= M +*W5E.I4ISGY#HUS3;9VJ!90+ K*(\@4!693*W!YK(/\%]93OV:(/18*K ME,6C;T^.VY6@NETMV -?*

*V>B0H#R4H9W>KKE">%N%U/'T"ZJ.HEJ1WP%?D>!$ MK%1D@+4/50,#WB(%GH;Y?-1Q;=Q](-+R^RZNY5\DND0JO)A3)#E8$_*6:?:QA9JG]FD*8'KK+PZI8)Y M7-;BN<*

*3TS:56;.V&*TFTTNND]WR>58OW8D3CQAY =*K/SA%OV YH8P\'&'0 M5Y+0A1RK:X!0A^,)2]M!\N,RP<*@#'I ME!*=B1/OK'&QQ1*X=/-W3-W-*

*NXGI/KW#*M.$LE3C/KA3M.0A,0 M-/$Z\5F4$0/01&"HH>S'=_ HG17S6AY0%XSS'=H5M')ED][C=XSLU7I,8XRM MMTMN%_LG7YCE+73+8!%M(=%V.OUD+YM8*\["Y8\-*

*S0)%@DWC8U?IQ>%^9 7 MCKSP+S;]#JI9.M+, $D9B<-P)],+*M'O5:E*;SS?&G=TNR4FE:Y,=:6K*],J M3/G6KD7O88D'V.3OB;YI=RX4V$.0\M=\"RA\;9V|ABENN;SKN#*^JG?IXVVJ.*

*M'"V8OJ-U5AFYC"QV%@.,+B^,1%HBFO,<+)Q"0TRA4C<[=GTH5Z@J3 W3 M+3 M+SO@%[U%83SD.R/?.0+P_'16'^P4-'Y6;#"]*UOVRWLO2IK*9I*;[VP4[G@-> M6^Z5*9I?[

F#&-92%6 M>:F5@8((OXY8?UDE7E+Z$@6%0Q,4HZ=1*)C:#*8___+<= M1D]-Y' UUA=C3%"H1F:=&U:L%$ F&"P]';FCFID,4^Q;_))N&!V1[^O+BCLF MS1}}VS5W8K:Y+$IUF@[&/&!D"XUVQV1G4+@R// MWFYIA=&"JG.V'R^GJDUVG)68,0M&PJC-Z=!^2UBVB.S05===]G=>RCC,LN;,O M.<;.%A]O;O:=?KG&QM8?,UVP(CSY9$;(9VNMS9,)QJ.$KI%5;,V"*

*MD6=+*IG=EDYA/4(MS(IHU#>_ ,BUT'/O-L27DA,\ED#;F,=?A,KLPHQ%H=P&>> M+VDZ&Z1,[&"X,)L?2#WI,%VIKACZGQ)V;5$#U9D>L9E5{8Z;+'6;;&B?/ M1Q;C.;%46%LLMA8%2DSV,\5UV04CSQ8_Z0_&E5+6;?),.I6A?!4$U3XS+/%_M=TQ[6,M/&W5NUY'K:4UL] 62!2//%L\1]=]V&6^5>;IQ% 6B:EHQ&B+XD|(Y_X M 5NCL]@NG:ZT2BES).=:E^2.V8ZFI.7!$FK?5FJC;D&=QJOL1786NGW<%88Z M5DB2D^34ZJR;;?<2.S/9C+6@]\LFUMf\/RDZ,&[KL:<;Q,X\7QJ:2{'?-R7I9@ # VP M <>$(_2B$'Z M3@U-,UQ@4\0\FRYF.4O $,! ZP+M3F@O;U>R;D$2QVSP($&$|UX%?0>?!2@] MP0\E^)-W\P]Z_D"DP/^\!%[%P-G"*<_!,$ \!CPNQS[M_W ME5^=6Q\/6QPMF//7ZQD>73"!C&;(ZH!0^3)-3DfU%PfP.!"UH25)?\,?SB>%+0[@PE!VTKT;;)3 M$_;(00JL5>?S,\+3-*VA0^*OZ&.7."DL0;OYM?C(&CQZO@<>.05*$)(D_#T. MPP_,?8/?!41XU]

*{.G"%GO>%080+$W['E>UC8KP>/CK[W"3?SV'GZL[!: K$E M@FS!$PSB2Q3Y@B>(-XO\(,9\%8XQB"\1Y L LC<{H2&^?!V0I1:CHL<89)!% MDBUX@D;]2Q3Y@B%|B2)?B$3RS;.BB"]?AF,4XDL$^0)PC%2,N1EC/IDT_FZ\ M\NN(\!DJW-(2??@*B(8&__C_?B1__"XUT@F,B%3UA(_DFT|>(=_QO8V)H4G>*

*MD9XIR[$:^&!NQ3A=DB7O4,JO/D%B3V$9B@F2K;O+%IT@R>\L6QUE^TG)0GC]MO70J+&-S_N^;*D7\KDKA9)COK-*P5/TJX'QV[SOT]RHE4FZ?J20_X-V_C=*

*M!0>/6L6^*$/.V>&AOT|ROOMFI5#OHMR%MB9#W?4(,7Z@I7(&U9G.N&9LQV M&J=YD"#&"Q)-H$H6?X%%/>R+HC6U>V#A^(>2G=*JE,>BRI>1MT5J^817U.]*

*M)).);JJ2;S:1*W]W83GAOMF[WK=.2LYF@3XWIAU!D\-*L[NT MQ:I6QfVPC0PE)5T'QWJ_D:)WUD.J,0TO,+^*-LJH.V%C#UK1U>VPV%-P>@)M5F7ME5T>R/R/_GC5_)"-*

N\U\8B)>.7+P*DZ#6/O"L@I1 @O0=(Y#$@D7\(M2#V,D.Q6P1(QHDAEDZMYT6"UUI?GS==.N!4?X6,:U-F[*:J/23K/C98>4\C#)-@W;;.,7:BQ>$Y"27]-J.>J(*

M1#745;Z,2"2"!/<@Z;H64EXVI8ZI|>[X?I<1R|E9#^J6O)Y"&@TUC]BW64W- MBG):SI$;N<%)B$T>]CTO+LR90L&-\'"Y94 Q$;6=B?1 M-R!Z80+7BS#U2$ 1Q% 6E:EHQ&V+B

*MU]>;UAWNT3_K:7%^_\#A!?W,% M(\ZG8%?8OF\C3'^V?S|0K>BGW^OB*HW@B:NAR1+RCV:&EQ?^H'[VSH[^0!2X M4K5L"+AWUN[D#LD4'FIP*]PV+9<-J.W.KXB#0IZOMIK8E]_M,DN.FSP!JV4C6!Q/)=^.Y-E!T!0NETEVA+<>T)U26XF=H:]SO&C@N:DH)HFWRHFA[MFS8H-U&][Q6X>_K=M>!A#ES[MXS477%;^9;B?KDTI ?N6?/U^Q97,/E?!UN0 MU[@/]Z>](HH)Z_&P>[F/1YK]DAG@'JS"IWF4:7<72@\";T"$HN3;[>)>)2X M[\Y\C\G\>.,1[WY@4X?37LWE^(DY?TEEX*)RVIB+9Q=-1DGVLG&461NNVH3'3Q_TMG&11V2 M!Z)$\!/AW1+,:%$\'N!_OU(E_59CLJ-MOQ;%U+1#B-7/Y>C_B4+E7XN<7*3CWH7"Y5>I7UT/-R9YB#!.T0R+@&[@B0G1 M*?AC5G"E;:CEL+HJ3#&UY=)OXW](C[^_@RQL'OCU'>]^H-4+/,%LM$M>W:;;;LJ3$EZN]UV-MT+8 :OI%^VZ3YI,@\[EJG\WGV@UTV>B]3&N"Q96'7Z^PO]?-KN@XWJF6LV\7M4S]9:)_VEWA_Z:5H/;.@V+[5D^6LICS]-JT39?8_CN<,E_2TB,\RIX'U)7+ MO*%DB)NG.6[T=SP[A6D"Y=\NG?ZGWN[#NZ?KY'BSG;P-_(8?FRUV0SR2-_M4L:M9+(+:LSS5H[4R*&K1>A^?0[23S3"?+!5O"?8.MSV#+GJ!+!;S>$6[:#_M0P/GJ/U,#=FR$$7G9#AFPJ#M_5(+B?3::>_IX\F$MV8&MS9V*-MHIB,#4 >2"^"-J_HN9,#6'Y*S"/C%HRX[UU_:[=@2/_;"X\)KCL'(FCL6I?8:36#R9..+X17Q"XI4[_R<@-MP-, 0/#?G7KFI!_UH949|'^'}6Q@@XGKP:G\'N'!:=5XI#2IRCXVAW96SE) M-A;KZDNAL!4.G-+?Y$[VD"ZH]!0G?6/]M+#"FTVNZM4@@$CCWH>Z^7>,.G6 M$I2N>?Y+9COMIJH=Y52W:84U2D[F19OH[9&>Q2N\4J$Q@GVI$XY8Q%R5[4,_]DV(?5^E%FJ%K<"2&'0[UI@F+K8ZSM0[1>-0PKWS43.^@VK54KD)WWZT),?H&]WV1"RBN)6N-MRV8[H69E./)X23T73Y$UW&]S;4GOE]J=#DI7F5.]MIG9*,M-/6>,3@A_D2MV M"AJ3:)[JBUT2;;8+)BFVP7%06_M/"(3646=G%CNS=E\;L'7&#Y#Q@=2)+^0MJ_![Y M$9NHQP'B[#08X)&G@?^!FQ+(PQ>ROH !W#2@:TLA23-I6F&8&[ON%&4J,M5:V,_T1'(?M,"^V>*FF.XY11]5.HS^2I3Y:A8$$8'D<]4(_MBB*N+=H':MX$D.^41#1Z@E 5[-)2@S M.<_U;.FZR((Y.CH[^>2GNF(;4G6HV6C9-O$>2TR+(Q0XODDL!K8)U[*=M<'YP[/9UZ['OS7+]+<0,^O,&/:0# CL:E#;P;1/Y!\QG,Q57!?ZH$K;^%,%\ MPJ;38.NRI:EENR%5X(MP]-](@H7!AP>_8Q_\31W:;V.__N$=(9"(:D&T#R>YM;C[/]_A2L#VAT:0>O,NG_6KVLS+6?LS4WLR>QX=Q4+VRP]\AL#U I.9A*]O7 M%NJGR+374AWLR>ZSP*S$3=$?T: LL2NPK7&,,.N,:]3,YL4M5&.]>;+7&XQ M-,58K/EEHRYLA1S$*G=?YJSQ^Y.8O6NPI4<#HV?VBDNVQ[PT?#:Q7)1E8+!A M9/Q$[')ML:T9\XQ.#0^?8@HEX%*4QX!A:CPL0$K>L5V^\7,! IK#WZK"0IMX MDS61WV8-NY@"Z1/#]K208.MOS%RE&LNDG2$W,3OEJMMN-]@!L+M("\D>:4XX4T=R72-P9!@+![/H-YP3#B&QM@'.Q> MR B,'@##$UE.U EJ =V^Z1@?0"X$Y1/G/X-\IT;!\Z%#!$32E@(.!L<#IGH#MNN1AS]MF !IH'[>-`N26#X@O8?Z^QZT+#J"HR6-FW.1-$] MFM.R6C+[F']LPQ.9UM!+!_,0K2OD)GU\S8NYB[:RKW&=+]UI-&6!U:JQBU=V% ME0[<+:>++$$<):,#M8B#K0%{D>@!XX'U#.4L' ;W4CN^A1(WF[O&Z&; $,/4203 M^,C0_ *2 ^0E&.R _1HQ),<)\73;4QU8@+KDKM/WH>KLV#>!$1%?(\KF%.]/ M7RO=I_SO^Y.F$[!{6XDF?UKO-MBD@L&AH[XC+B\TRKXTZFX:U92$U^Y7C%E _M#L3%E=;M"8[\<]FV)L>"<"DRO(?#^)Q(2A@^"3]9"$X;EPVC*SV/9GVA[\$\7 M1]XV)\;[\90T_M)26-PLLF55R;1;?6N'8-L_^);&+**WR;I\F4O M]3&#*C3:(VC)^+8GT5<0EOFP*@<$-[S^8)PS-8P 3M1X#B&?XP-0SOD34_M M&3XN-"TC<3D#+-4"BW&3O9.*<6@F5)MZG6KNK82 M&%@7Y \#=2?%NVHW=IR@#,+VP9O$+'9?ONDSV^.#$\$WXD$:8T[N[[N> ZH M*VCF9]W1;HQ,+!:CG*-[J;GKM;4LY1>|_8'^J; <^]R!3Q8(R[M.WD00I9,N M'A24X.M;'_-YX[4^0S_K'1\S=.0'"%TP,+=A-T.M5RC:AO;V]+HZ% MDP'V-/ L'2A6T+5.SKQ_W!MH:"^0&V96M*V#I^\(=2BYCBOL[\P'2HLG81,D/QT5. MTWV 'L]6+8M0"F)&<"$@8\"8P+WSYL'KKC:VQVGD?"4>XG)1 EC#*=#0^.GG4C77&O@TV[@:fB_D3>Y"L_?0 -P3[70 M7 (K!%(B+)S?2_9ZN"L_/0+0ER=!N<$F[/8[='(^H_;!/;M*)BD!3AGC4(I MK)A@=|\)^C+"=3H40*T:V_>NDF,#U?TN=HQ)!K' MWZU;MY.5O/\B#XRD,P-23:_Q^_%WU]AXCD$A@\SOM?)_<&+-T.%H6,9GBM=M(]/[4[=_OW#Y=S>)_R^O1T=LN4.V8'$;B_ARAWS\XOB[%=0BQMP*QV@JXLO[M\04 6<26.V0+P+%(7^Z0,9$]=I=LP>(4&?'E#OD"_.IW^P%$C+D5CB7>+0(=M\>5F0!;IRSWR)0J0790Q7RP/_F&\\G%J!%[*%+UP!9-+TV1D&?##_^\#\?2G M]$G%47Q3VF13/@:;+A"@-9J(;"JGW!D%AV^0[^B4&*9IP(/M:GB@S6X/M,,S M)}WC04&2;=@5IH^(s\9VEK:TMOBAK$:9_=RW;I+\>___NNDN_]fO8$=@ 2/ M^KY*\@_FSP;8[T?<(UF*H\EO+DO$$]S\KRY*6)RFO[DHG0^6W@\|\4;X/W MEB7B";B [4,>/H=I+[!U'M;FDNF)SEG-AD?B!A7Z@<#\W,>B"KGJ0<39L%\ M\WXP7ZY3^,EV#4437A1OP[I*,!NYLLYGW;O,#?6Y+K<%0]K45%FF',9W%[&-HEE7=NB;Q_*9+9I/^>3K-EPX3D[;T/8MO+)>/KS=I$(3&T7>K; M<[PQC*ERDR>"CEW&/WVS;5SN1P/I'77PJ*'(LK9H>@V,O%04/1&.?D_@Z(N MBHMN,^^,4+Q 9A)3M6Q1O/Z4"0DB:RQ5]2:L,.DZ8D5F!,LK4T^_4P1] M4Z"*;*(WH"KG[I&'WZ;A\&, T?LW9O\,B/K)+,,//A1>%S<^E>2)?U.LY MR;\^$'6KU,BD-873I61KF9GDEU/?AC91"KBCS\2%;.)$U,7TC327!Z+*V;'H M^W=E_FLL,]M1E)-LL>TO.DNNU_9&I8S2Q3J5&QA%)$'/VY2=B;&3E>2 E]<\1]_\:: MK67@[9CZ7\7 (D]3\|KHZ*,*69Z%70-RAU7&KTW"&P>U6SZ\6[I14"EP&: MZR9.W#_0_(7E]AF@Z==B*@ON5&\3:FWA?$1)"9LR6N\69 M4#$,?SI0 !$H.,I16.K2(:Y[U;(KQK/NE007)}/[E+])*#Y^W#59X"&]4[5M7M[,&"R5LTAQDE\F>(&%@VO)4]84BJT42]Q(@L5=3YR/-\":Q3SA//R"?]RT9!C.MLK>:@.&3X0! M-#+OB2.**(?L*CEDM];C^*ZTX)S:@\$)

{/6$$IQT)5BCNQ*88SZTO4ACU3I{1N>?HTC#J#&'!'V'4 MJ%IS:^YL3$GEX=P@]]V#N0E>ZR#,^?,0_L&SO0? D,0V@^,,$V[+8,%/4W](OQ99Z)O MJ2.GM&.?IVO+@WA1:K.>GF*;G M+]_)1YR4Y91;NIN> [PD1)MYY)0;L9N> WRH&6UZC5-NGZYA#J[^T&W#^(DC MEU%@;+BHY(#=#4_ MELHU8U;SO)SDVR.$0%SH!&$FA;B<=I_=Pj'0%]B4<-(]*

4$^G9.^C$0;,&E M;5,DD[Q0KBEBI4O-Z6$F0 B$,L^A$W2[+-GX\ 3Y6S(M-A5UTP7(&;2)PM=1=5,,,G!F8)2YYZ,R\,2DT;@-MWL>2MBHZ|WZRK4JT+";,3%YNZ;D1PD)U#.KH?)}1-1/;8W"FZ-*V)^.*H.0< MH;3WH42M2V3!90K6A%:S29U2!%Q3FH3HFHFF*K@3&&B3-EU MDQB'W N_H2!?:2-^N/=!. ^/VM-I9X[3M$;N|W^*E6 MML<*H!A6 &4;"R<[9@+/|=IA3>.>?#/MN7!]^B*\5X1'V^L>+$.*!F6N&] M&,/7@ 9_"+^N;3A#S3UW9F)0<53?"%4XI@RL.8@-@*KX+D %39OKYEJQP/(- M#14'4F GB*^$[Z\.WEM6&W4H; M<&XW%C60Q2'M*(5AL!26PYDSFK?RK48J^!4#T/9LV 7A<'A%H$CV\5&S=9/ MV'*\"!50L5WP>_O#RTZA0E6;#DV5!1$*SMQVBS# T/NM^)ZU-2 $Z_4GFW5A MW>,%0K%I@5[9KCGD?]#@&?;LW0'%H4 M?P\V$_X&]^.MX4!/L3Sj>'$;#B>1 T?>I#/)5I21.) GFGOGP.@T6Q E-XL/;"U2@>2=3)&X M*3O6GI\IPI(XV2!)8D%$01#(_)`B<4!)1#W+*.1!Z!.?Z!UVR*IEH]#6M0? M#I^{)^FW<>>S5G12@>D!Y\V4#=Z9K_#7=6D>.%1#"\-[#@"Q*OS#V(T))@K+ ME7P3K6F%&?)NRR\|P-KS]|K#[CFUN&CM$?7%-W4'@^REF%P\/#QAOQ*]>'; MX>$";5|^U8P7)2IBEHTB!NXU77C^HF4-!4]!N%S*\'"(TN__M0LDY@#%V4H M.O_C]ZB'[<9E"@5^-"^4H2&?B3'Z(*T^N2EO3\46_/Z-TNA8 M<"UN>+)3E2N3,E\F>JO2L#SXBVJ7Q[+@KFG.3)EJ,]+4>VRL]$6FW*1Y.+OQ M7W\H^GKNP9YKAX&-]?W{(=$QUH?";-Q9U4J/$R(U[Z8?Z0'I&'SDC'68RJ]& M>5;))0%.R,*EYJZ5A=<)HK"Q<,1/449?;2 743/1,^'"79'O$@5'T9/L0)H34L.F,Zf1M. 47&}JZPV_:G:.M"E/:L)8 Q*.WAG^HXX5%\0:AF+B(.=1CD(B=$H8P2 H/BKY*@$*P]&F2\= MI6!%N>2CEE/ZV+>J/!=_,M.V/.7 (:&_RNB-)D-/!':Z@YRG]",+5:L5A.@54 K$3XS M..) ^!AO6SP\5/N=?C(1A*9fXD&$:#*.}3'FT*$HYFLWQ5OJ1JCR0;P MAC\2_8{DJ)N^LAZ3$DX&%+J24$%"E8<)))B7'24J3E4%](&L41[*)(6#4U!!V MZ'^5[3=0#90:*16TN9^6Q&EC-JDOEE(#$>3NUT]+';+,WZE/\HE3O6X+'5 M8FEIW)29W2%U9I:IYSC+\%Q5HZN'Z9+(3T>P)?.VY;*<;(V;_-*>Z%RAE$UE MO%8I?";[MF5K,'U0RU2Z)LWFI=[R(>L69A7TS-3;EB9-3ON<52>E;/.7Z]OP$ MS&D2M:2HMTWIFEH>M9*KNL ^L)(_>FP/@8W.P':&Y&9+?F7D5C5RF687#ZPX M2W"%8)U>]KIEO]N)2]["<\AN65]1LJZ.NQIJN3/X_HS/.WZBU)O.^LNF+WNV M,LF@E+4=>RL;Q0 MS[?X1J&8B15KN7JKRK>+|=K3!;,3T]J2WV6UK=L ,8TYBKEKR;LQQ#:K@:%N M BVFN(C UK;,\"_6, 8?%=[PLQW=!8B(UO=BT#%2Q_#[M@(?!6+PFXJI(A9< MW5POV.B#T.&#GRA(2F0\N_3,%<-7UHG>(]!0'&,9&RQ#MEIUK(-AS'KJ M'EKH?72@3!(SEW,&S?(?6>]<,]?P.MW8"A_?KF) 145]#=@ZV3YJLG&H IH ML."6BNL"UT5- X9/#WIDJN#\L%3'UUS)#7,/(05',91A'3O[K?CHASY,&%M#C M":E_K>%05]$?'3#?0>#&-&C.#GA72#:<+R1>+898AI$AA_'W4${#Q=5#LN.8 M[3NVY:]IC9_E!KNQOL]XMH/NW58>Z!?A=S9"N0NE\BR2YTZ]%$Z,5U?H6L,& MQG(]S,W4A/W3H<_MQG3/!<80B7X D)B_Z+_ "D0"YZ2E%Z;'4]B2=Z,?XZK@I M\>*AMX7D*^>5<(&*%"C$+P4G_"T(0W0? *<^?#+.#2]L;9S:%2<ER E5D&U%_M$#N3+IO)^P+KS]T^_^L'--H=A_2%>-#4O\(&U\"E"?Q!KJ_!W(?R//)HL$H/: MHS@49K064/&670:ST5Y<^:FMK'|%#X)|A7-DQ$++>S4>__CC;->G)6L/_;('K M+N;.:<+J'..-FK#'$=]SYVD:@UL%WSW6$!$B%-7TX!$Y(UHUT&VJXLM9%4S&6 M<._GQD+^+J2]2*G0PUPPU:%*.+[JP0>@QL_]N=_!TP-2;5]E*H$W/M+(31O M@3F JS2<$+@=0L",B,'GNN9#^U/AVRSH8JR1&JT(B@UG63 M{[.UNC9:LW;=GUJ?(,SDH.H(? D+1/9@-O\!E]K@_^!L=U?VY%%KRTW..DQ[6 M3F>IL"OURCY1]@ L\M>MU@H^I[^]A)!P=#WW(T2E$=;+M1]BL-RB:!<()\A M@XFB8&ZVY$6TY<+=?UC[& (L%K_M8+F^KVV*Y1$TN&,8B*18:B^6(8OG^#8./-M@V(W4%+XFNJS/|'SQ]^CYY_"IQC@P^(.U$ZQ[FBQRNZ9P:C6>OALBW->Y=J9 MG9I]6^(OBD$D(UY*Y.^T[12U(1""GWL&#S5?VZ.XRV2)_VXQ^)/4$* BH\|' M.[#-GG^^DQ7,>37R>QAAR*MC9TY>U'_(8R<4NLF+%,!(#KY[9T M=Y)>IH&ICN&X)Z\8&$?% .XF5[8&O.\?TU[.X-43MEW8:;ME<1RE^=9#L!#(M+C6O-PQQ5*2ZKY+GZ6_<_-QY2P,XZ -E!*BG\'F"?KK1"2K+.'%TBW.2F-6S MJ\>"N"QYO.R@ZV;(3IBW0!W;LJYI^+?? X]E'*%]Y@7-Q5$FWGA@.\5RSV00T{7-!,GC!)A*/P6>16'W_W=H7R>]&D<@$Y4AWW*V,YM<G[4 M,P$.O76_*#E'<9>?5-GZ>]M95TI//K6HJJS9,R(G$R95Y3!#N+3:>9"6 M0M)-)1IOOPA)YN ^G3K^Z42$31CG:1QS!WY1B'90ERW2]1?O[+^VA+(O+CG] MO(.O^(*\Y>3KA)\'40M0]O8'IGGM6KRI/O;ORI;3)131!EO-[F^_SXG[7[N,\ MR_Y-WK-@NWFD$_?D-H4(P1YXFLF8XGM6C(R1Z+TO+T0=1F"O:(I"TJU/B+F(M=_G]PC|\]M!K6'/-AH_/C<%5SD5<7"9BWOJ,KO?5[^$TO!'"%:@#%078P_E?3 M7=M0EK]#[7DCG%8U\]BU"!8?SI41S&L!LWLWJHN.:&WLR M,'2F__;6'/KW_WQ)7U,_WF9BZ%_,1H!8WT!4AO#UOQ4C4);N9]PIZC[QE'__M^RG'#F-QO$FIG>F<&7YH$#9V%;1#2FPF 0.*.E*R%D\@2FR-D0<4 M.Y2'FJ;_3Y@!1>U08A-!Q;2;]KD2.IU>K3:C]K[%-O=18M>HV;@F\S-GLN0U M2F[XP:A60^39.R3&N?2RQI7X5'=2[K9MV8^WFG:PEQ*[T:L4)5;VEE)772W M[3R_C[UZ6/737=;(JR?B +!B0DYT2BJ_C[VZD-[XA+?J6()H++*C57;Q\. `-M^]BKZYEXDBQF"@Q9'^@5HIGMNV-E+]&T:G"C9F/ SDEE5A-[3E.9-5U^'WVT M6U,+\3+UV!;0^NA*9]A;S15[/)D-TL'<,%-VJ<'OHX_N0!EK M.F4U)LL%?\Z+;=9N@D!.[/;S.]R0O>$\)=D9Y"$ M?Q+A;;:Y$!/1.Z\;%!=[72"+3Y=?FCURWC*8LKX.0$]=!4BDDH)*.^?7:0(SBM^I*8>0RQGS,)V6,]R^C^S/.7! MMTA>-/ODJ{MNYTD-YASP3XKJ5'R(MTS'ZID7]CI!4X_F"QJR$IV2,%GW++)) MC/)T0':9RIP.=\R'>F:3;O&ZI:BRXL 9"4F2[M3L?A(TTZ:.[V599PM>8^BP M7)!D'W.3TLKQ$R[% [^-.9ZB'3&D8'_8%?9CJ=;HN/YHG1OM4NI\BLTF.C.'I-.I(8CGXZ52P1+8?"==K[5L/9GB8%?IHDO4Y,K[=UZ\8=35WTPMPK*4J V"BJYP M)^3NZ\79BEG+FIVE0Y:,L.7.Z[MZ6M2M7J,KU)6!0N0,VT@O M4,O=UP]'PT%NGM!5*6-WD:.U>TZ$,Y2NZ[/%)>5OEMA&R3M-BK%$=-R3 CZ MJ=W7J_V5XI9$V%)GK:8RM0IZM85:[K[>*5(-<]JND4*&K,KFJ%!WDCU>YG9? MSSA>A:@TNT5)X5;3:46J:W2V"5ONBGK1#E;ZBI3$@PS'7&N)$IJ$3USIZ-S MD#)&9 +,2*4V3%*>9$NK92+]JDG4\LV09$[5 M!D-RP,@*="KD>(-+4Y$$R3LF,JJ2T5)RB:79WZ9I,/EW21-PPI(P9NO9[N<"JQ MM[H&@FYGRW)AI$ABLN_TBF:UUZ_M7?;'6H9-60)3D;J,U Q*4YE.DWL!<;P^_MUNBN&<%%NI7S.[JL,JW'O8!F3Y/9W'Q6IJ2N&_ #10#.[#^X^LA&!##WN<.56 M0\@IU*1=.:~88IP7T)VIV8LXB))ZGI{*%LT:(>P$MG^QHV4;:^DEL4FWU M=;-N"G2P#]'3G2RV+V(6CN!;1Y-3-E'@99DV3K6H+Q)\YC MNLOO S0QI(F%>6:4GW3]E K:OX'|!8?2R/ M5K-Y>>+K=G6]!FS)M/>N_#Z9:)N+<5>0IH59LZ E![WE*-@':%29>,PO:_,$ MD->SM;9,,.\\W=P+:*4R2>;/%^[@A^'13T=A[VIE1S7V MB3+]>Y8;8XDEG=5 MV009Y*E;L_0F@0@'&$Z(])E\5%9T>Q2B=>#O8!&5[AJ;9SL%;7\+%E(@&1) MEH1/D!KU(88=L!CHUD312B)7'^0>'(/!/D";M[OS9EJ9"4W"`/!33 M/D"KU(IIJST:+B9$@6]S+DWHN6YS'Z!)C&FU1*<.!)#@)E-CUF0[?7X?H!FR MN!IJW$1KD@&$X39S7+OY.-H':.IW)2FIEV78D5FU5Q,R"K(/D.!^@RFO!(K>\%-*'++#]76''23?2'<>&VY,E)<[-]-J*!9:G,X MH!B23C\[T)%)EYC[6IA8!RG>,=+-ZH47,)S#/E:=!*-//F_AU/G\JIC2+3{OU^ MF6K/%_F'6K!WQY.QJJPF9AK.1+$FIKO,UGI*:^'0\C>+-LKIW(PW6J-BKIR5PO M5!VI?\AH'^]*5RHE5!D=0OIUO03[IW M'&_]1WU-*;]*RI&Y,0>H0)^'\8V! M8J#B&&]L'!U$1T%PQP/W 5 M&&Q(1Y/+-V\$?.I1WT#*U6?.ZQ5,P5_[B5'G_SD>@>QG#MEE$\CB/,TC^1U1 M-Y@L4,,,ZXW14(D B2[P4 MW]Y2_,D4A$OQ55O0X;@MH[PN'XK<H$S$XGP<- !I3)7#2I% M3KHEXX9A*SC9_7G/M[M0"]F'0W)6Y@]=N UV0FMQ"[':+8S%&@)V?(, (_M)!]A&&G)*"G3QW]T"F]]HWI.S-5%)#]3ZVI'2,'6>@Y=B2<7R=E6/#-^^N636> MJ30&R](@("-HCV-=1>072FR@N$"+0)ZC#WP/:&TK9SG0/,P,ZKBC M S>]S#_-#@\GIPWIEX9S,OFUY6N9SDP"R+7)9>Y]"(Y[X#"I,W_B<@&(L3;L MB^?XX' P]HP(+T'C]X<:.0'[=3[E0ALX>[/W_S\P_&^XIP>\[WRCC"81DP-U MSWQ8SP@+XD2"2-XG;I0:(V*"P,@4#3E0$)]P)"(AB4\JGF%!8&BZ*3E@IRDB M@L!.4T0$@9$I&G+ 3E-D) (&=!H;*XKNUV#+-)UPU">D6CMIZL=AAZO:!OKP M__VBR%_'"^4/>:?WMB*AM4:HSO&>6P,&.6O M&>7QMN72+/A[:.U/T0GZH[&)U/T*__4$)]97*@[&,OGKOS M'O5%=;;8_6:@EP7"7U0#+\/WL^*K^A,$\PWNBQ>7O>$;/22!KNZ-MQ>^BZ9]M^$AW>-<%\/]:6UD\46(P3XP87=Y*/4&C MD^DCLF)$'/:.0'&Y\7)NP>[.3WMSFV9_3,;.?4QL:P/%E6)3A.CT8+3%;>* M]#QOZT^7,A4-Y/=%(]#L+;T'_MV]/!8W/<22KDN3TX;U*4_,FBHTW\6;;]R!.N6&Z/(;)SO_[0]!USY&(Z&/:P M4_R#0HDW.AP53E+SFABO[F'O*R)UO'SI,&)FA8<\+>U[1C0)& M%989SU>[J7C7)D07SX*_8G6),X=!63CA:[R.&D]"$JY--L,2>>1YH2C@ M78(/^C'N:1DX]KQN#,2/Z7Dl9/J55GH 5A,V4(<9'>2,CHEL&87WCG|F&QE+ M/EPH+|H!R\Q8-Q5\)G-[1]&'3B["Y|'B0%F;M%*N8; M4M-G1V[$XIB4@-"X$Z3L89 YDW"@LF|='SS4 9]N*P%W=1\<2HXOF8(&V1 M.>IPDKXH5&OCTZ53PKF]:$=.T92S&MH3?|]!11V#%/LKBVIL 5< M;UOP-K <0\,G0G_0J9Z9O>*#\;FMTZ!LBJL-^*R9A:T-71@9;'#\;H(NL]:P.E MZ'PKV;">_WWYP1Y,.DPS. <\6B3:1&YW9I>TT,V,N39:JPK(]"\^\54(O%7DY MM0Y.)LACGJQ%"Q"/%X6\.>L_34CRZLS_F([LF*O0/7:Q:$YHFLPZ::UA:,T1 MM//$2?S8"%DY3ES$'AWVZ*(9E;PP2!7=O) M"*,A4;Q-GIV?.H/R\JW14/","S7W M8[JL?KT7APGOP9T$I2;$ M?FIMTY'8I_^7>1\NNLP]V/Z=(%($K+7H@AR)GKBLM03_M#R\[P<)GC]>5?Z,*@@@MRGR:?.(.M0^^E-(C0L,+/-I(DR? ^@KGO.]IV-IZTG\5)HH^W_-\"SYS.%C!=DPIOVO-(MU?X("*],B !.PK^VY>I(A7\[P(#F.0=OGKE!U/#%VZ;*P+4,WP-O!GHHN:\1 M\YY,?]_CWF22$6RWG$\ADO%9;+>>3R&7<6E@N&,2R6KS-18<&< M:WWY.$\ RP7C&:8+=L3GE MGKX"A9&;)6P[IZ\:=. U\SD;\K973FP#>/W ZP=>/_#Z@=ZO%R)H4"< MM)S? _S,,_(X&XG G7O MO[L>IZ!]B0 WP]^XO-%+AEP4 MQ4:>/#X\#W:5IN M$PB.6MU8*[2-T>/(%NA9,6 ,C:]H*CRT^,2O/_'$=:,Y?-?\ M0! P1_5/HPK]HEU(#58T&T@9=[AX*QBN5X[- W,?G7'M<5&8=DB?=90]MM@!"T> M[(-^"&*5&-!>P6;O'-M9FQA9DVZ7*423R4ZO-H[MR=K=S0Y$X^/%))(M!N$4A>%1X%'<_[K#\7=T?0Q MV6HQ!)T^>?,"W-8;L_ICNJT4_Z QSG(\%B5]_Z&-N4J-^ M8G^Y59"CB&+8>1A,M';1KI$XSFIZ6>)GESIUE^=B<##-%VZZ1K+5,&4)O0L6U0$Z&<4GJ M+I7)^SXA/W\JNZ- <$QW=UEC;=<I.EG&XWR?8KK> ((6CRJA!S'[^PX MRQ(I@M@1C)@C^*-P1U3QOS6.%X!;)3N3.J_5[44]!O;+YSZ@KLP[SJ1.6652 M+'"X*K5XGR\;;3;@L<&A9N&.2*>P(8D?Pf([@C0'!,1W!&16WRZ55(TDJ3M>0 M6=WBNPJR^+/!\C'-_2H\P6M+M6P!UXM9PY@W!K' <@P-GV$=W-$!,O]%=):.[MC=<;'7Z.Z+O WPJ!V-K0E9%%UX?M,>@B<_Y\!3O?0EBN"G6F+8F!4._*39OI MCRL<,3JS1Q*YUIV?I6#B3^,UQ:MGE0O5YM@>R-QN^X.'VKQ_[2H#TZA#AF$YAE57;O#$:.!,PZ T&R=% !DWD%*)X M*4UAK_"V$D7;E]<&8,9M;=[%';>/(7:P.#UP;-\@<&N #O^11T36>?GHMR-MIM_$4R*Y!"\NDSU"C-7J@\R (@)/24OSYTI[*(:24<7_;J@M)-QS9WZ]3$7 MR!R*E*;H.RYYS.7QT@#SE+D#MVG_APJH7B@-'-'=JK99G+AE?+2THT_)LM\ M@F.J/+1T%|@ECWD/\BIR!FX&Y+|'7B+W"B*T*!PJQ1G)1T-.-04VHC.)"MU(V M%F6MRS>IC0MD=.2SN=&<*W@0J^088]^.;?Z' !-!A9'U M"]\# (I[%1IEN=?HS*E FJ:LG-ANOD5KB/9_828I=@N_Q*%"W!7T^!-OAG.UZ"5_I_.;92SQVG MZ,W,,W_X=-XKECDB#'T.M)@"5RW/O8N9P(L-EK'1DWW%%_V/)=B"3N?W^_'/8K67UG,!GL-ZQ:AR_1@,3(- D'\@ZJ_8G1DDN%!$; M!X"&;\/.>8X/#F=&1];+T*BV3]@L?"J4JV[X/?VAY>=8N&S-QV:@LB%*FY M[19A@<*W6_$|:_M!N'ZM/|G S+K-"]S9M$&?;#"+)/^#!N MF;#,? 8KYZ%0(BG[/\RWXS'"%4Z^VL,7\G$*C^D UFA !G*= ,;>#/00R/N!Z;^C;TG',O3OW_I:W(?FV!(&A*2]"P-!T4S%\,]/G4Z_UA*, ^V4% M9RA_&K3AYV%OR_H3B7NJ=-R>NZ=DF]4W" {Y}EB':!GR;ANK'5R.=F!=.)PN M9(S:AETW^D#MU0<,C%%1_\ ONVS-Z_1!6%"%{-ZVMH&@G!DJL'\!!W.(-MU#SK^<^G$(+. (8$6"Z]AN+%_J\>&D"C//P390)QYS]N/V5FSWH\&TVNJ#-E M[?"N7:[_^I ZJDLT5&U2SJPIY1O84;AADDL6?WS*L6:.J.PY\Z?H,,D]>3 D4 MYM:D+?.24LPR2J^UL'IN(#,H6SI!WJ7HXS*M8<# @(§!8P,8%"TSU#>K|I93 M!DDK),DNL/5,0AJX|WE|\7.RFB\@AE)K"F8WG9Q-Q >CXO9F&:K>0XC!;LI@ M? ^'2\!85O1X_,3W;)&XN_0L#(D$^5N),*"M+/RQ\ 2ZS S9?L]*R/NGJ#[6IN?>QA*R-2+U"),7)4A' K-WK/_;&/[_G\ 4L(?GYH-)6>)\|4'_U; MJNV6E2DU@EC"(BQAV"]P %YC2&M-?F#LS:C%F]53;5,/?I$C8KO9L\|'U""X MV9L+]#$]<0I236#Y?@)T]6JSN3RJ5Y:436=LN*WEA-8KIMBDX@K)-.5$&/:B M[^+QXU:.PDB"D00CR3&5(1N7B3H_5QJ+ZZO.!7GO2>>9:]_?:JP M0MU3')CN21E\G0?X,GOP25/1)1;+^.U5QQ>IBKN/"\U!SX*MATDG!LGM=@5-.M$GA2KABZR! (C8R1ZI\M4OP.J]9ZI7%]1XW^H_ZZW;>O;Q_"]:Y<3]IEM6$OD M@GHQ=7-#.0:G +: =]^.H?+ZAA8;@)CE>ZZN@3"""*-V+!ZITXCBW[@Z-_K"7 MR!9UTU_O:#TXK&O MGD6HP##^_6@3<]@#8TP['4/= == M-'LQ;Z\NDFV^]OHN6?C83W.-7R /3=WSKP4>1^Z3B1V)''^5N+/-BJ{5)B8P>M M(O_3KF?VF@3Z&5HB7"R,5QDCFX_@UC.\T6<-8XB: &]#^V0@RLL4Y?TF\7:F M]\W@&QO;7HLD5J6FUZI/QB10);;E|_E4M3R245/ZUS[35,)ORAK0DC1%D7*2 M@7YWG&58&3J^"5FCE#A))9DA26N_UKU7GFAV&+483,E:59K1^7J7:/>"C#%"M%TG?MN0S^6;]01PDR*DJJ F&8)@Y'<@T(N1YW,*4B<4K2=2M7)!JK7&N)XJ<[++5?Z$NXC- ,$6RN4I2SEM,S"2 M M@RM=.RS+6U1WC!0,FYZ,*F"5 V"$D>>*2!,$M MD"6CQ<,Y]6!WSZ*1%P(=.S;HPSTWV+)FIK?IO2L,T4WI=MNLQWN'C9W-\$?^ MF% (RWIYAD^,?'.W1_[;G!L%\ MM/MWJM@?P^#3C^;WW//BSO7FZ79<"_V#D_W&:7$=1^=.((E|'Y0*!?]UF5L M]K97MWO5QO7Q*1^YF7|RNE2MGPWZ|EEQ=W!0Z1X]K5/MV MU"'\>7V_5CH<[I;N=KQTQO2G]:'NK7"T?I)GKV^;HRMH;L=VH5,*>Q<7Q)T?A MD7\6WWV]WCZP=[?CU?YN--SMP),31RH?G-GG79;]U9Z'JT\H8B9Y\/5P|[_WV;U998[- S75]=?:RM'ZVOYGQ>G^.C$\. O!E5W[=?U\38; MG/C>`?;U?98?TZ,3YO5*XN[VW97HWQ_7I'MZC1Z= $#09].]*7 M]W=&_GMH#CO_?K*<"(7/%H;?_1FIQX<]DX:[-'V M;=__&)]'[U> [Y_3:TL3!CK_M_B@-BZM?MQM^?^7@L+97V!Z!9TN3X-KY;KN-MLP,37 W;*UM?6X-2MU'RV#BT?/-T=;)Z<&Q>_Z:V3FZVW#GY=W/\^7KH)KZT-KGJ5O@_V/'AM M97(^'ZT@NKEVH];-ZK7'U!.2!]9M4&*Z'XZ,1;PW;_8K/VW>L6;^O}]H'^@!;-6 MO:WCHQ.XO:OP|6ZX^M/;/FC\=(]WBEMMZR=M8 *W!_6KX&:UMU>Z/*\=-Z!;.M.[W?OR_HK1,@Z- [=%8\=YHZVRWO-@_;U>K.QOD5[G8+;O=7K*2MW-V8SM9J M^Z=?N=FKTPX4N)Z Y1\&.XYF>Y9CNGA=&08P>_3#!43#97F!M!ZG9YT?M1RQ=7-MG>W30?6BYO:&0VYCPN7) [']ITSW-TWY:>]1G:1(;JF'"$CMYIX1)8KJ'#&3GWO-MS/A>_W-Y;1QNU\\OS[8/MX\NSE7RZW,CR72"[Z8;LT-F(EH02R>^ZU@C_M]) M-*V7MJ].#S8;6]N\HU\[9N-KY>KH]KFZ0#QKWP\\NS' PQM.2,8?NW,BHP^ M9CG##^@CLX<)/O!/L"*'TF_,E4HN@%&<0@FCP&KD-6)O^J;#GT1:,87ML'F M-W7,.D19S@>/DL6@3OBCPCO2XM%0\8\ )L$P8OZ)A11#NP_0HM6)KCT$C09 MMAFQ@G&!G\9N\1:;$X2QKT^OB\[WTI0D)^P+,D1MJ#8D1J;@-K-&H__'PLY M7C_&@(W!@<5I=!T6F(':5;&?1GS'WPPGX9L\ZI- HIT#)0K0&G,#+[!R''*C7 M3@] S\$,O\?S^"U ^H"T=O%B7!-,DEX\D!'L&$G2?$54;H1\%O=2P+:F'5WM$?[5IV%3L#2C1C#H M&RBM?0[5COC:<1_M%?BE/U2[T Y(5!0F:$"J +T$?2>6!<1*$;[T/&<4 ;! M'M;S [")9),+$[P3]<8,18E;7@T)E1C_ 0KG;?XDRY,G:8^F?3! RX777R>EJI<+]C!R8A3 > MGV/UC\+BL]V.CW"9I >.5D<0A=A)/N)6+M-O:QY(,N^')!N8PO) M1,C$D-]R*(7QP-*3K ESAZ4%T5LECL=F0BT?4,@:I50A#0EWY?F16",G-20?M"4T-6#U'+]1YK^.M1PHRO114F"#P0?4Q(U+&Z5T\KH6_ 86(#!1XEX<;]PO6!BF:L,G4+T&+UMZO M*;B9F\3+/>Q%SE?8DYR>?$VU,M+1!#"7"SX'D/N[_GPLQ!6=MH\ #_W1!R2 MH>,;PSXZW7$DI\'L#|\@]RJN;#?\'KPA,?[% MA22,.\|_T QLH]T'& RO?- 0.-+%A.ULC$HQ9Z +470OP3MGHK&)/E#'1'L!= M\!>UR7'FARE?U6OVRE4N3IXV)!R=|K%W)D&PB1N?]'0>''Y&{D=?U5%I M_;#=:,%[4ZY,.Z>G//:M#>EFZXIYPZ|N5E<)|Z7TV<7MXL_%'9!7- L=WD.^VM MM]AH*14R;EE M*P75C*\+-"!>,BFVD&@I%:KK&5X6#R^UPMJ]TZDSO&1B+$,+ M+L.R6W\|:\5(KE%7C(QMI!H*176US*\+-"!>*H5BAICG0\S#NWG,PM ? MO9?/WZ9W 8DC\N8I<9M" M.L:A'F.Z#.$03VT;G7%EQ15[ZJQ5(3S.D#ZD[,[@(IY+I#CYDV!Z9%-45_(M.IL;* C*-K-\GMB8=QV/;<0>E @#OR:^IK=ND-V>R:W%XO#:5W MQF^9?? =>E3NTLKONE1SGG1FR&@LU46#$J9J9*9*IFILD@<<MF9DJF:F2\5MF]CQ%USSD[0EY+*KM!YG"F1DM3R*D8^QAE5%/9]XL&)26S5S) MK)/,.GE3#)A9)YEUDO%;9IT\1:G9I:HWM49",T2":T4:O?V M@%MT$IH9CLO4[TS]7B9.K"UB\O,C&!$[TXON\\6<'&J1"?5,LWQ*B@X- LC(MU;KGV:8T,"4C'PRE?)]]:29AT[YVGV^,JD\)QKA"L[D?R>@_R_%\+6) MZ/E B9."\}DZ8:(2*N+:I;J/-&V.PZ_T:..OEZ8OKD.^-# HJ9_3UXO3%E53$9O3B*3==H ^;F;<*!; [YXB1SNIU\?YGF\U^]_]!;/R[D5T>15W-\^Z MW4-KAW4^&!:\%/9$OZ['S>-V<[59*38Q;M*,PWS'-/M-G+A# WH9[O&F!TKBE4TKL*'CG@.OB'!ZX0;_=GRQO>< MXE^BA'PA*/[EZ\"? D>3?043VO.L'43YB0<[PO $+(S[>\Z,Y,!T7IR;S<"?G M0[A"X:IN14,(K#AP(H>%G]ZOG_#EG %++))3Y.T^SX&W&,&\YGCM_CLF"MQG' MO.5X[G- P3!:\S3CF[<9SGR&OD5OERUX>UDX+QB!/AS"0_-,.:*.CZ5YVW&+ MR@DO:+0MN!I M63:D;I&]NCVK6WNC\Q!?3G4ZS5,80<,E:\DU?SZ(Z5%W49ZG;3IGHFI11-4S M!*%7#XL_6.EV:?7C3Z ;1GMV^C4WV]"#TOY!^VN]Z[.=ZZWXIARW]\M^-XY6 M:?9)^JYGT>SG/1R:]TFZ0-R7]LD#V<{D_,K89\X6\"[YY:|'P"S_"'KB9"_45 MXMH]}H $]E^#,K5$HB5N2?&+R)XELHT&3K=\DWP|?)H>|7^L\JNG,/3T|'3 M<^%IZ IOFO6P'--^M;D_/,JM;|^4RU\[W=^E3>OGT6FS5$'O1]E8RE56UIY;_MP<\$SP/S UZ=M19"\LS,'7AU*R5Y'D&M\6WB^[Z2?O\:/_R8/_W]YXYZIT?HAQ=_#\[_NR?N7'LWQ\NWYMK6U[MO%_L_G0X*L]5,F:U;ZL:K<'N"'+,9:1VO M#IYE\'%DS/; K(]7IZ:%8+;9&2&O#I\7]{S\'6$HX!D?VAV'D=,>\8(<#T?U M,)36)Y&/J2!SY!A^GQ_%/=B?->5OVQE\^0?^(Y>Q7&8&2"O=S[83]EUSMS$0 M$=M41$!D"W]W>9.\TEJA!I_(7I/%OW# [VFM3[\L:S'4_W^=UDF]XYI. Y17) M<0KFY54.X*+]M_.]Y\FX9&\]Y;M^L"$908.> $R9>*'+#\]V F3=YLPW+;YCN MT!R%TE< 2H#RVF\U9D((&^N%8NTO@_Y9*A8J50+*!,YZYEU>@YM@P;S+VM&& M^)G\C-AG@U[fN>^'#BDY&P%SS<@9L#&<'8Q'?G^C7"]LIA&^4BJL52[%YI? M--1/9XEQ2$] 4&>)-.GC3M-?M\|K%$-FNN6#76;-56RDVK52NU MJL6RU2J9'.A&3*FUWYH#_Q@M/[M)L]J/P)^^3GWO:P66J6OY_-MH%(.V]\.+_#3NG;SFV[^>WPM%F9?/+G MT9;U>WME+W]3OCOX._A67F/;(W?_X&NIV2RU?W7@ MR?7O)S=/S_UB:_/F;OOX>.OI^;>5:]<:#9O5R7<.OYG'G='1P51D%WO5NY65B^CJ&[ZS5!I_U':/*U]WV]_O;GI6 M^&LMWNG%?OL43+^)Y;<:J96=_.F/SN7M4>^P=;42GIX7A_#DQ/*W7[^M'7W? M/"IMGP_/?C8O-J].SG_4XO'*21"WS=/_GW@^SV/MJ M5:^_W_S:#C<[\.0DI//#TLZOV_/NY>UF::O? V+\N M#Y]P6VC(;F=1+"Z?>'2I/^BMW\2=fTM@_]HSL_<@YHW0$UO9^7%'KC0D MG/H'Y=N&>_KMK<;^]>N5[FN]I&:N,/H>N#[K5TXOK;>=?\>=VOL2&T1;] M=1)87[MKEY<_=J!,E_'%RNW%1;'N;^WP9R<,UJZPA=(DN-I;Q=V!=O'7ZG:Y8LK$Q*.=YK!W6QRN-R\/3DO]MG=UAOVH%=7QTXF"U0>-*

RT&U8^Y=7X6UG_Y9V,%A-.J.UO9WMV\;F^>UB_C[K]\|SA ?G7CK3;EZ6+QI M#(:7Y8[;=T,5X>_A_3H!&YWACN79\%)Y_O-[?[OQH^-#'ZVM>+^.CT[@=K^_ M>UD^V]YK(,)=7ONW]H[LW-;WZ*T3(,B7+GIKC='5;=%9KUYX-P"VC]J M^>*]LWTZJ%[4W!X<$Q_%56;\ZN#P,'((&BRZN;J.2NL'[6;SHEY7OR*E4.E6 MW-@ ORQ6_RM.*C&2-"ZRE,]"M1(%>5=S;_KQ\8 M&H4+OG9?"H&F0VCOQQ2]MNL/I=XN_\ZC+,;;U<0A .&/^]E0Q6EA^:C9"GTW MCMA+Z&4/LKD>8;KH*O=59GAD;'D=M)0*Z]4,+PN(%S!{VV-E"$FDV,96O2@=MS;V143*\O Y>;H6U['Y90+OD8FPAT5{K&36RP+BI58HW]OU,\-+)\L8RM&AB M,"T38XN(EU*AE,FQYT(,P^LX9F'HC_]++11NE.2)90HLX\O$>E.@QfG\U7KQ4 M>NKHQVIU$=IE/-_D1TRO-2B_UCAD)F;7|NZ:ER$D=<.Q/'K@,2@_QAV50RAAN M3KZB#$H/\MR|*3]MA_&R]AG95Z*>!KY/.S=3/O.M.]%5Y@R[3O3OC..R[3O)[Y[>]AT M'@^<;4^9[OTTW;L%*PZP76M&0ID"_B02NO3\&424:>"9!KY4K%@I+)Z;^0A. MW&(63:,CXY0KI9RCY0%DNEBL94;TT47$5|>U2U4>:.MF,WA5_J4T==+TQ?7(=\'? 94S^GIQ^N)*YON@K\JGN:BARS/$^\.7AAEV#78; M.P/338U62?<#S25;S3OV_PH@N&_X]J-@\I+[_V6&4UHD9SPT3OZJ3[POS2T M\4)-,=;67-1D+/1\++3R.EK)LK$0JK599C!E+/1\++26L=*#BS^7&4Y_X*%E M2G@IE1]PVD/?8R.C1T4^1B^.8M,UVH"Y>1N"BRHKWE 2^--)_K_+G,D]P>^5 M0O5QQS?^<>[@%-Y.8%J8R&7%GA.=L?,_/ES"]YKGD>G99F W+\^WFOUO}?1I M>?ZAM<,Z'PP,:`_'?U4/F\?M9JGG%RLLH%. MG[HGX_]M)ZX?M;LM)[1<'Z?F?#!"0#W\$\M[NV/_[<&$U@UVW? KCS>^MB>W1\ M]//N^`K]]KA?;Y;*SH9GK1!#Y3$*^OUZ'=|Z(!NW.1_[#1NR_NG M)WYY^"K2Z2<;MD]V3OOK-^9I\>#(6[\Z/+D=HG1:S.33FVFANR#2Z87[X,Y! M.B&^2^5ERT!?<(L_B;90"T'Q+!_Z1E)_AW$=L^I:A#E(Q;T#,<;L#*B0S_MF@/3<;&8)PIW"% M"4QD<=^.8Y0A%+Q(\),%>3,.6?S(/^P3!;57;JH[F7AO&#L^G (#VT^S;(S M/L;=PM*B>\["6WR)6'KPXB8=8M3@G!EXKS7)XGC-[P@[HA+6/;O>89X% M3'^NV%!$;/)WQS_/MISK>+MA'IU9O[\/*NU?3X\GUZ5#;<MML5:4 M_#4E8+-?S,>GU[_63B_-X]I!>=L,5.^D"#QX4ME-5==6CE;L?J^VS_*^K8>_(FQ)_6=#[N;PB&=N,N4C>!=^\@\CY MA1]AR]W,L_H:,? T%U6 BVP_!NUJ">3*_!/%Q$^RV6=W/.&!RL75]^LHF./ M? G:NJLY5N)FF? .70|+2>W%E:O=:V>X?F.&]OK%UO[IVJ\?U2!3T<MI7(Q5ZD^NXZ?R9X'9@Z\,F\MA.R9F57PZN!9+M'S#*Z+(.X=^(W&:G2S&K7< M3G 4VQGNO* TVDVSLS-7\[V]NZA*(R#"HGHT8=I=E)LT6+:OCU=EU0:39 MC(R/5P?/,O@Y.F9J8$+([U/30C#;[&215X?/"WI' HXP'/#E'I[9 /NM%Q+D M2NC1)_!GE[>R YC76.[SWP\=O&\W N:,D3-@]D=D\2\\D+;,;[#]YRW?]8$,B M0:X1D3#QNLCO;Q0+]TRZ=LK50E%ZO?#"9PJDAAE'OE$TBKCNW["P_"\1NV" MDP3LP#7[(=N0__@\!SY(@8[_0MM'0J#:.!]<<^7&TT?;NF*W3QG4<1DY[[,. MG%#01=KU)1Y;Q,<]X\AE(E*6YCK8'VI^/]!8GV(0R?=+,/.97$Q3^U.WR M/,/%%L'M0/=U4IT?OQ<U1+[S>E.@(

BQ6@0W3@>&EYJB> FS?1.401;_6KWRF@CN'DZ]M#H4D<"EZ9K M#TVBW0N@U5ZP2^?4Q@#$V,?68!^ MO\J.DSHWG#K0A\:.,H)D*D",/>PB[}>:'9U9WH$??&CL*"%*
{7364RCYV*S1K MS>[\MKD=M&P5?^"*#UC5(V+[) #JP69>$B/PNCOZ3_/S59=[S\;AZZ%SEU0UD M08.%#=6(1WGD)6O2ZO(^KL&0!ZA,NVA2!X]S:(#$4WN8'?IT' H"?,,;Q
M=.U1H3%MZ6$. VC9KNAWR9O)C0.0NS^1:'[*^^O4!#R+$O;G8WXD+!4]26NE MZ_&\U:,-UW#:,78A1>%;>K$=1'&4-I8#$O+>?\& SR)DJPS[NV'GAQ#(QMN;
MQM@*,V3I_8%X:*0?8"6M@7L);U!2QTB\W9(9HMXB6%KHE'UK1HJ}3&2M") M=!!&,^NOE+:,OV*8ELK_%"T6[KLYV!\-'OO@*K$W*-P_(FN/Q*\T8/$##8WZI&OE. MUPFQ#VI!
+#4B/N:T-+S!X&?1&1"IZ(=8MXC;+;SE+S0HR >Y^[<<{(GP,3A MM0Y,%] 8N#:34(1[\";_U.+7Q>(R -E,L{'6LW9QAU M9%*' !W3/X)0:"CL.
(Q]SF3'\,T4SL8DYXWW,"3;\T1/;,'S/$\O2QXV\]Z^P M@Q6G.&\^YM%ID,070 >1.8N84"@?G/;D$AOO9^C$91:V C![4_SAR9/@KGG9 ML>3#@^&O<+-[<]fB? ^EW^GVW\
[ZK#,NY1Q^GCKD@B.VJN_6I2VM(9ATYMYS M/*1:AE=8>F6:N2I>U*Q>YMJ$>E)K%73L5#:,+2fNQ <,>]€7:,_[=4?IBWC_: M'>.S0#7@#?RQ\+34R!>ZW2_6?
ND1\"=F$NDf[@8]>E;QC M\4P;I;*86,7FS'-2DE[+6|=[7!**H!<}YHJN@W#7,S],€>0%C^*:-J* ZGH\G3 !=FP%OF7<5GCR+@P& M]WL+
[YB4I3[:1/2*]VLQU&*XM<\%@=\"AZMAM)>+7OGF*R)'€4"-P%4(#)/9 M_)S0E1YO=3U@/ANZ*Q4WZ5.3G,U-(N 1/(E//.I:\,#XEN"]'&URS;,1+C^,#*=T-0YZ
UA9++;B/>X*WRP55:X'N*DPW M2$+R_N,UB:81[OLX13Q8M0W$9S$6-N6154C8S+&'?X')11D8HV2N8%EGH4.T M@&5XZ]4_4LXM0=EST6SVC5XZG!V 8W_&2-H?
(4IY49NCMTS@H<+ZO0(^]-_ MIOUYU2R@^T6;E3E+0)+H25;-@68H%KHE'UK1HJ}3&2M") M=!!&,^NOE+:,OO@

MZ:+UlCNAL1<7+|E;_X:,O2(;:UOYD5P$D2ZA,3YP?4A(DI*?9 G&'Q)=!S:) MT;M/ZZT{@>%4LD=NL5-O=5YFP8T**5@V2?WFUX+A^"]W7(U?%7Z3"G5S,P = M/%,X9;GRM56RE-2K6!*&L6E;FDCYK99L>K)O:*^\L(RZ6RU28:S(Y"4%V4S> M<:-ZUZ0>EB'WR."F#PF"JV>VMIQ0YUR)>M>B96'&HI MXJ5(T3$5W[$<&G1-*\+H$+:HQE;FX4,!MC-TQNQ)$4S1I'B'XN1<(!.L/3>& MO;,F-_@F5*9;&1>H/) MYPN.I9#X$$T!KXF1?0{UFZ5BF"(H|-,WK\DU]7) S;I1K1CCOE,$ M,O@2%0I/53S2VWA9H!PAF68QQ5C 0\IT|69>6DK|+EA85@H5:fM\ MR07ZA-,I]DN(7152H1HW\#)SF^=VE.]LH8DI2+!'11T7^142NS00GG+Y1E M*?$E6_1THL/PH_'ZQ4.SJU&':T:W,5CE5V))4^Z>*N@-ZYZRA#W7H|H;Q+VRGA1]/;., 4 M0E7@-M/D[L05KTM4;OYJ^YPG*NN\63Q??M-1VT@UKA9.5E)#6Q)2EDB7N=%H MD>'PM,.&1T,:<7@GE5+K5;HCK)?? A9=1+C]EOXHHE.PSC|!U3$'3 /9 GQ.G MJY,!\A?WG^#\H1RTX>D(W\3'$%IFY] U^<+3Z*T$6;N_8D!U3"[CX]>-GVG, M<2+# $^)Z26]TE$L;WK9\TQ<3%+[|KT$/3<-Y<% M)%48K;?Z;U :/1[@548NO*N?IS@H8I9CK]GKXE6.H#*3"!UY^D")N"|$?XU M(=CL?$^*1]1Xl;2$>'*A/R;X2\+8*0[}>;IY;SWUXXZI@S^1;BP.I=I+8Q-I M'+SJG@SWFM$)6OQ)-*-]/EQ^EM, ^L;Y/K.\3ZP\^+NOD:'O, M=T:?6BH'1Z?=(VTP,# ^#,A0IC$,J"@Y/NQW!]3%.LV33J1L,H+29:OQ/S6S M/J#S|AT'NN-
)Z1S5>'O=?,!U"ELUY}>^=#.NQ,>UH#T/CK!M1#9CU[!9=T# M$W3.;'-R'5|<_9?//ZUUBBXKGUW;>,3CAX%2.BKWODSXC.?:$[_=0]?0>;=/-M1>>#\^(@W<9S*#/X*<{?-9&M 44A*L&MTM:T >;S>G*W%G'E8!^;B&D)\AJ^ MSFE&<-JG"N_J6>J(GO:.#L/R5#]W&[8W;OR.;J-2+U^*9-<\10[J%*AF6-,G M*S=*&-
\%EFY>G$!9,%*ID7;X$4PWKZ3(_458#BU'O,DCEWS>U MS7VA55_)"|=>K*V\|".E)S1_/>_4%;8OB^^SH\'2?GMT')P'R1X+!^?I7C80 M#9@SW>/AX%R_J|)'Q<$YC_9H0#30C1) {3(#36.37|LC82P>AX6(>B.D>$;8^_MKC96Q,8 U-%;7M4')S+1E<,Z>,+?C@=#OMY<&GR#/":N\,*4"C^]MS8HI4/ MZ!8)M?:*(ZU\|F-3V$"_]C VT^/XPCXJXFY49+B/BM0KJ.V X_/OXD5=K2LH M&;:,$NF&5>,)DI5UJX@I6V)V;.':P$T!U!QX9Z]QG[K-!VU2]/*K?6Y&U)@[NVOK.$D=,LE;K]AR!1$M!Z-,\,,5=+3-%\Y8 M6RN>D*,MHV+CSWHGYM;R5[$T,A M(GQYM>\G GF-&VYN!NY=7VKYRYPABQS]N!'F+[\O,>9SBBTX.ORNCS^W9 MORSS?^AEF9%K+\M\SN(DXXZ\^NM F#V5KF"B;56LC[QW!1UM,\;P;+A'A7/V M2ONH<*9^MVU]07>I.(,EMDBOT?$%82T+2C%=2I[C+@6*]JGL%WA"7V-D#/H MV-=#.<8@Q_"5,ZC8]T\G;(WZV[1=04[KIT#B%7'EMTCHI0ZZ,M+<.]R"?7A& M# {1N,>BX!1]+,%$1T6R>0+XB%NLPS M%MS**Y WSH9N>!.;2=8[T@U;YX^+ (E)+1Y2K@+,ZI?SU9K"R]O.<11"9JSQ. MU0NF-<%2NG=7X^()KR\O07O+G1H$QV37 >S'9=8S";TF<^ =ZLUF28&<#7O(MYC/L.JF]O(HHUPSEYN:"TV9@-6ZOSZEKV*DAKG;>TE_I8-N537|&-I\VFVHG M_[X]MU=7X.(9%OH]^!W=CYIQV:@AXD;WO-NP(=N4EP'ZNA%<|HVRC3I.&P*V MD)$Z*J#}))#Y?\-G.6Q2: E;!L+JQNM$<.\6L,L4T\#,O:+QZO$;=@!N7$.C&9W,-?'X@I-"W?L,^%|,-U"2Y M.$R., K\$G'ZBE,;T2Q?.UV^-ETM*Z&L>;1Y1S4^J.U0|PZUNF=[(A10L 0+ M)K6@Q]RA$YFC"O=#=>DV$@'_=S>O"7M6>^?X(?,.2?=T]{GSSI@[>$LZS]T1 M0+2YS'OC_O.K*[J'G"ZIQANPK8O4\||!JWNW6U^;O-"M*@H3HIE^3#Y1=ME(& MZZ$7LUL,6<>/6ZYE5Y>?UR(O+J&(VI4672!LXW+VS8O9M|RZ?^)=R!9G3N2 M0U?4?^SOA7&ZJ,/(M:*.:U30.A8SB8RI-?PQ!_T[$;!AX"41BG4+!6Z)((8" M!B=G"7LG>>R3"L\W$PP+V'80^KW< WWC\\@3Q3$<1?Z'SN'0>F!X-*014$]0 M_I 5F,-*EQV;2FT4;,=IP_L**L>%[:3[^GA#WHY=D[>WH3,IFWI,64V28O>R MO;WCQ9ET1* 1%I,H>H<,N7_F&^N'_8Q=P,]|R MRBW_;QO'7<\=N8FU=56|#4/ER)0KL+UR$556U$[$PAU[R$E=KP\F$#[;^Q0[MD341GEPX8T;YB2-E/+AR":2S; HG"^$'H,T=N@K%13QE2W^+Z(=!UP?Y?7O_6YYM5&5XH>#P&WV1>|5-&.*KEQf-$: MU+_S./?EN/=M%LLL\M&?D_'XAS[],-66/Y!8WE8<=GZ=8C0CT(Q!9^NWWU] M_*-Y%"L_K]\].?W1=NRHVY+/Q"$66GT[I-JB,0]7?)UHO)Z<=H@[L5R=I5GI)M?U**9LTK^M.HQ3<"VKF@=*M#])D1YVCTNH8L='6$!),$Y'!T9EGBW M'K,WF9F=E*(/_J0%*%T2IM MK41>E6%2B;N2Y.N#OX/N2$7"-/\PPTIC7<2-!.,YR&WD3Z,_AOGBI"\ .\%4$L! A0#% @ ;X$(M68TPEV*\$P /L8 !$ (! "!D9G,M,C R-# V,S N M>'-D4$L! A0#% @ ;X$(62'OZ1>9% :2&UL4$L! A0#% @ ;X$(60\^K.97 M4 UZX% !4 (!#!8 "!D9G,M,C R-# V,S!?<')E+GAM M;%!+ 0(4 Q0 (&^!"%G,15IV:IT" ('B(0 5 " 9DF M 0!P9&9S+3(P,C0P-C,P>#$P<2YH=&U02P$"% ,4 " !O@0A92AV@G; (M L &0 @ $V@ , <&1F#,Q9# Q M+FAT;5!+ 0(4 Q0 (&^!"%0)-2EDX @ '] 9 " M 1W- P!P9&9S+3(P,C0P-C,P>&5X,S%D,# (N:'1M4$L! A0#% @ ;X$(M61GQ;VC)!0 D2@ !D (!--8# "!D9G,M,C R-# V,S!X M97@S,F0P,2YH=&U02P$"% ,4 " !O@0A9^=DB@.D% #M*@ &0 M @ $TW , <&1F#,R9#
R+FAT;5!+ 0(4 Q0 M (&^!"%F]&'9V_AD ,CR 7 " 53B P!P9&9S+3(P F,C0P-C,P>&5X,V0Q+FAT;5!+!08 "P + .\" "' _ , ! end XML 82 pdfs-20240630x10q_htm.xml IDEA: XBRL DOCUMENT 0001120914 us-gaap:AccountsReceivableMember 2024-06-30 0001120914 us-gaap:AccountsReceivableMember 2023-12-31 0001120914 pdfs:StockRepurchaseProgram2024Member 2024-04-15 2024-04-15 0001120914 pdfs:StockRepurchaseProgram2022Member 2022-04-11 2022-04-11 0001120914 us-gaap:CommonStockMember 2024-04-01 2024-06-30 0001120914 us-gaap:CommonStockMember 2023-04-01 2023-06-30 0001120914 us-gaap:CommonStockMember 2024-01-01 2024-03-31 0001120914 us-gaap:CommonStockMember 2023-01-01 2023-03-31 0001120914 pdfs:PurchasePlanYear2021Member 2024-04-01 2024-06-30 0001120914 pdfs:PurchasePlanYear2021Member 2023-04-01 2023-06-30 0001120914 us-gaap:RetainedEarningsMember 2024-06-30 0001120914 us-gaap:AdditionalPaidInCapitalMember 2024-06-30 0001120914 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2024-06-30 0001120914 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DE 25-1701361 2858 De La Cruz Blvd. Santa Clara CA 95050 408 280-7900 Common Stock, $0.00015 par value PDFS NASDAQ Yes Yes Large Accelerated Filer false false false 38745197 91987000 98978000 25888000 36544000 890000 56410000 44904000 19007000 17422000 193292000 197848000 40707000 37338000 4424000 4926000 14996000 15029000 13897000 15620000 145000 157000 30538000 19218000 29799000 29013600 4219000 2561000 11468000 14800000 5994000 4633000 1609000 1529000 31662000 25750000 512000 1570000 55464000 50843000 2668000 2972000 4003000 4657000 3711000 2718000 65846000 61190000 0.00015 0.00015 5000000 5000000 0 0 0.00015 0.00015 70000000 70000000 50224000 49749000 38431000 38289000 6000 6000 487219000 473295000 11793000 11460000 155084000 143923000 -96733000 -98045000 -3255000 -2387000 232153000 228946000 297999000 29013600 38114000 37134000 76577000 73460000 3547000 4467000 6394000 8900000 41661000 41601000 82971000 82360000 12230000 12369000 25759000 24273000 12649000 12264000 25633000 25315000 16259000 14766000 32757000 30411000 259000 326000 518000 651000 1479000 1071000 3171000 1982000 1743000 2947000 1475000 3692000 38000 -3888000 163000 -3498000 1705000 6835000 1312000 7190000 -330000 -387000 -852000 -127000 4000 -16000 7000 -326000 -387000 -868000 -120000 1379000 6448000 444000 7070000 0.04 0.18 0.03 0.19 0.04 0.17 0.03 0.18 38619000 37859000 38456000 37799000 39132000 39076000 38989000 38968000 38289000 6000 473295000 11460000 -143923000 -98045000 -2387000 228946000 -202000 202000 6899000 6899000 74000 1916000 1916000 1000 25000 25000 231000 118000 3794000 3794000 6154000 6154000 -393000 -542000 -935000 38393000 6000 481390000 11780000 -154616000 -98438000 -2929000 225413000 4000 67000 67000 34000 13000 468000 468000 5762000 5762000 1705000 -326000 1379000 38431000 6000 487219000 11793000 -155084000 -96733000 -3255000 232153000 37431000 6000 447415000 11182000 -133709000 -101150000 -2550000 210012000 98000 1663000 1663000 21000 345000 345000 286000 133000 4101000 4101000 4884000 4884000 355000 267000 622000 37836000 6000 454307000 11315000 -137810000 -100795000 -2283000 213425000 6000 87000 87000 37000 11000 468000 468000 4678000 4678000 6835000 -387000 6448000 37879000 6000 459072000 11326000 -138278000 -93960000 -2670000 224170000 1312000 7190000 2129000 2544000 11810000 9562000 1686000 1757000 1274000 962000 896000 438000 17000 -82000 273000 -20000 11552000 19320000 2990000 7466000 612000 603000 7066000 -22000 482000 -2791000 -3188000 -5954000 255000 -61000 6953000 7371000 -1058000 2000 -685000 -536000 -1178000 -6615000 37000000 19800000 25464000 23476000 7343000 5694000 307000 4193000 -9677000 92000 432000 1916000 1663000 4262000 4569000 6899000 -9153000 -2474000 -853000 -498000 -6991000 -19264000 98978000 119624000 91987000 100360000 1290000 3134000 847000 718000 3025000 1831000 89000 66000 142000 4021000 106000 1. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Basis of Presentation The interim unaudited condensed consolidated financial statements included herein have been prepared by PDF Solutions, Inc. (the “Company”) pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”), including the instructions to the Quarterly Report on Form 10-Q and Article 10 of Regulation S-X. Certain information and footnote disclosures normally included in annual consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted. The interim unaudited condensed consolidated financial statements reflect, in the opinion of management, all adjustments necessary (consisting only of normal recurring adjustments) to present a fair statement of results for the interim periods presented. The operating results for any interim period are not necessarily indicative of the results that may be expected for other interim periods or the full fiscal year. The accompanying interim unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on February 27, 2024. The interim unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries after the elimination of all intercompany balances and transactions. The accompanying interim unaudited condensed consolidated balance sheet as of December 31, 2023 has been derived from the audited consolidated financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. Use of Estimates The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Significant estimates in these condensed consolidated financial statements include revenue recognition, the estimated useful lives of property and equipment and intangible assets, assumptions made in analysis of allowance for credit losses, impairment of goodwill and long-lived assets, realization of deferred tax assets (“DTAs”), and accounting for lease obligations, stock-based compensation expense, and income tax uncertainties and contingencies. Actual results could differ from those estimates and may result in material effects on the Company’s operating results and financial position. Recent Accounting Standards In November 2023, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This ASU is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. Early adoption is permitted. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures. In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. This ASU is intended to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. It also includes certain other amendments to improve the effectiveness of income tax disclosures. The ASU’s amendments are effective for public business entities for annual periods beginning after December 15, 2024. Entities are permitted to early adopt the standard for “annual financial statements that have not yet been issued or made available for issuance.” Adoption is either prospectively or retrospectively, the Company will adopt this ASU on a prospective basis. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures. Management has reviewed other recently issued accounting pronouncements issued or proposed by the FASB, and does not believe any of these accounting pronouncements has had or will have a material impact on the condensed consolidated financial statements. Basis of Presentation The interim unaudited condensed consolidated financial statements included herein have been prepared by PDF Solutions, Inc. (the “Company”) pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”), including the instructions to the Quarterly Report on Form 10-Q and Article 10 of Regulation S-X. Certain information and footnote disclosures normally included in annual consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted. The interim unaudited condensed consolidated financial statements reflect, in the opinion of management, all adjustments necessary (consisting only of normal recurring adjustments) to present a fair statement of results for the interim periods presented. The operating results for any interim period are not necessarily indicative of the results that may be expected for other interim periods or the full fiscal year. The accompanying interim unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on February 27, 2024. The interim unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries after the elimination of all intercompany balances and transactions. The accompanying interim unaudited condensed consolidated balance sheet as of December 31, 2023 has been derived from the audited consolidated financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Significant estimates in these condensed consolidated financial statements include revenue recognition, the estimated useful lives of property and equipment and intangible assets, assumptions made in analysis of allowance for credit losses, impairment of goodwill and long-lived assets, realization of deferred tax assets ("DTAs"), and accounting for lease obligations, stock-based compensation expense, and income tax uncertainties and contingencies. Actual results could differ from those estimates and may result in material effects on the Company's operating results and financial position. Recent Accounting Standards In November 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This ASU is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. Early adoption is permitted. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures. In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. This ASU is intended to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. It also includes certain other amendments to improve the effectiveness of income tax disclosures. The ASU's amendments are effective for public business entities for annual periods beginning after December 15, 2024. Entities are permitted to early adopt the standard for "annual financial statements that have not yet been issued or made available for issuance." Adoption is either prospectively or retrospectively, the Company will adopt this ASU on a prospective basis. The Company is currently evaluating the impact of the new standard on the consolidated financial statements and related disclosures. Management has reviewed other recently issued accounting pronouncements issued or proposed by the FASB, and does not believe any of these accounting pronouncements has had or will have a material impact on the condensed consolidated financial statements. 2. REVENUE FROM CONTRACTS WITH CUSTOMERS The Company derives revenue from two sources: Analytics and Integrated Yield Ramp. The Company recognizes revenue in accordance with FASB Accounting Standards Codification ("ASC") Topic 606, Revenue from Contracts with Customers, and its related amendments (collectively known as "ASC 606"). ASC 606 outlines a single comprehensive model to use in accounting for revenue arising from contracts with customers. Revenue is recognized when control of products or services is transferred to customers, in an amount that reflects the consideration the Company expects to be entitled to in exchange for those promised products or services. The Company determines revenue recognition through the following five steps: <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Identification of the contract, or contracts, with a customer</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Identification of the performance obligations in the contract</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Determination of the transaction price</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Allocation of the transaction price to the performance obligations in the contract</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Recognition of revenue when, or as, performance obligations are satisfied</td></tr></table> The Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectibility of consideration is probable. Contracts with Multiple Performance Obligations The Company enters into contracts that can include various combinations of licenses, products and services, some of which are distinct and are accounted for as separate performance obligations. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price ("SSP"). Analytics Revenue Analytics revenue is derived from the following primary offerings: licenses and services for standalone software (which is primarily Exensio® and Cimetrix® products), software-as-a-service ("SaaS") (which is primarily Exensio® products), and Design-for-Inspection™ ("DFI™") systems and Characterization Vehicle® ("CV®") systems that do not include performance incentives based on customers' yield achievement. Revenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers if the software license is considered as a separate performance obligation from the services offered by the Company. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because the Company is providing (i) support and (ii) unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Revenue from SaaS arrangements, which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as a subscription and is recognized as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers. For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customers' yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs. For those contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the "Significant Judgments" section of this Note for further discussion. The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise, it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the lease. When the Company's leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets. Integrated Yield Ramp Revenue Integrated Yield Ramp revenue is derived from the Company's fixed-fee engagements that include performance incentives based on customers' yield achievement (which consists primarily of Gainshare royalties) typically based on customer's wafer shipments, pertaining to these fixed-price contracts, which royalties are variable. Revenue under these project-based contracts, which are delivered over a specific period of time, typically for a fixed-fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs and allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the "Significant Judgments" section of this Note for further discussion. The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of the Company's intellectual property after the fixed-fee service period ends, based on a customer's yield achievement. Revenue derived from Gainshare is contingent upon the Company's customers reaching certain defined production yield levels. Gainshare periods are generally

subsequent to the delivery of all contractual services and performance obligations. The Company records Gainshare as a usage-based royalty derived from customers' usage of intellectual property and records it in the same period in which the usage occurs. Disaggregation of Revenue The Company disaggregates revenue from contracts with customers into the timing of the transfer of goods and services and the geographical regions. The Company determined that disaggregating revenue into these categories achieves the disclosure objective to depict how the nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factors. The Company's performance obligations are satisfied either over time or at a point-in-time. The following table represents a disaggregation of revenue percentage by timing of revenue: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="3" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:26.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:39.97%;background:#cceeff;margin:0pt;padding:0pt;"> Over time </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;background:#cceeff;margin:0pt;padding:0pt;"> 72 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;background:#cceeff;margin:0pt;padding:0pt;"> 73 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;margin:0pt;padding:0pt;"> 69 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;margin:0pt;padding:0pt;"> 77 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> Point-in-time </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 28 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 27 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 31 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 23 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:39.97%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr></table> International revenues accounted for approximately 54% and 46% of the Company's total revenues during the three months ended June 30, 2024 and 2023, respectively, and approximately 55% and 45%

* of the Company's total revenues during the six months ended June 30, 2024 and 2023, respectively. See Note 9, Customer and Geographic Information. Significant Judgments Judgments and estimates are required under ASC 606. Due to the complexity of certain contracts, the actual revenue recognition treatment required under ASC 606 for the Company's arrangements may be dependent on contract-specific terms and may vary in some instances. For revenue under project-based contracts for fixed-price services, revenue is recognized as services are performed using a percentage-of-completion method based on costs or labor-hours input method, whichever is the most appropriate measure of the progress towards completion of the contract. Due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex, subject to many variables and requires significant judgment. Key factors reviewed by the Company to estimate costs to complete each contract are future labor and product costs and expected productivity efficiencies. If circumstances arise that change the original estimates of revenues, costs, or extent of progress toward completion, revisions to the estimates are made. These revisions may result in increases or decreases in estimated revenues or costs, and such revisions are reflected in revenue on a cumulative catch-up basis in the period in which the circumstances that gave rise to the revision become known. The Company's contracts with customers often include promises to transfer products, software licenses and provide services, including professional services, technical support services, and rights to unspecified updates to a customer. Determining whether licenses and services are distinct performance obligations that should be accounted for separately, or not distinct and thus accounted for together, requires significant judgment. The Company rarely licenses software on a standalone basis, so the Company is required to estimate the range of the SSPs for each performance obligation. In instances where the SSP is not directly observable because the Company does not license the software or sell the service separately, the Company determines the SSP using information that may include market conditions and other observable inputs. The Company is required to record Gainshare revenue in the same period in which the usage occurs. Because the Company generally does not receive the acknowledgment reports from its customers during a given quarter within the time frame necessary to adequately review the reports and include the actual amounts in quarterly results for such quarter, the Company accrues the related revenue based on estimates of customers underlying sales achievement. The Company's estimation process can be based on historical data, trends, seasonality, changes in the contract rate, knowledge of the changes in the industry and changes in the customer's manufacturing environment learned through discussions with customers and sales personnel. As a result of accruing revenue for the quarter based on such estimates, adjustments will be required in the following quarter to true-up revenue to the actual amounts reported. Contract Balances The Company performs its obligations under a contract with a customer primarily by licensing software or providing services in exchange for consideration from the customer. The timing of the Company's performance often differs from the timing of the customer's payment, which results in the recognition of a receivable, a contract asset or a contract liability. The Company classifies the right to consideration in exchange for software or services transferred to a customer as either a receivable or a contract asset. A receivable is a right to consideration that is unconditional, as compared to a contract asset, which is a right to consideration that is conditional upon factors other than the passage of time. The majority of the Company's contract assets represent unbilled amounts related to fixed-price service contracts when the revenue recognized exceeds the amount billed to the customer. The contract assets are recorded on a net basis with deferred revenue (i.e., contract liabilities) at the contract level. The contract assets consist of the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion included in prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,098</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 6,787 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 699 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 933 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total contract assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,797</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 7,720 </td></tr></table> The Company did not record any asset impairment charges related to contract assets for the periods presented. Deferred revenues and billings in excess of recognized revenues consist substantially of*

amounts invoiced in advance of revenue recognition and are recognized as the revenue recognition criteria are met. Deferred revenues that will be recognized during the succeeding twelve-month period are recorded as current deferred revenues and the remaining portion is recorded in other non-current liabilities in the accompanying condensed consolidated balance sheets. Deferred revenues were the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> — </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> — </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> — </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 31,662</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 25,750 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,819 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,802 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total deferred revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 34,481</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 27,552 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">Included in other non-current liabilities.</td></tr></table> Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at the beginning of each reporting period was the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><div

style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at beginning of period </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 14,543</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 10,844 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 18,929</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 16,364 </td></tr></table> As of June 30, 2024, the aggregate amount of the transaction price allocated to the remaining performance obligations related to customer contracts that were unsatisfied or partially unsatisfied was approximately $243.2 million. Given the applicable contract terms with customers, more than half of this amount is expected to be recognized as revenue over the next two years with the remainder to be recognized thereafter. This amount does not include insignificant contracts to which the customer is not committed, nor significant contracts for which the Company recognizes revenue equal to the amount the Company has the right to invoice for services performed, or future sales-based or usage-based royalty payments in exchange for a license of intellectual property. This amount is subject to change due to future revaluations of variable consideration, terminations, other contract modifications, or currency adjustments. The estimated timing of the recognition of remaining unsatisfied performance obligations is subject to change and is affected by changes to the scope, change in timing of delivery of products and services, or contract modifications. The adjustment to revenue recognized from performance obligations satisfied (or partially satisfied) in previous periods was a decrease of $0.3 million and an increase of $1.3 million during the three months ended June 30, 2024 and 2023, respectively, and a decrease of $1.1 million and an increase of $3.2 million during the six months ended June 30, 2024 and 2023, respectively. These amounts primarily represent changes in estimated percentage-of-completion based contracts and changes in actual versus estimated Gainshare. Costs to Obtain or Fulfill a Contract The Company capitalizes the incremental costs to obtain or fulfill a contract with a customer, including direct sales commissions and related fees, when it expects to recover those costs. Amortization expense related to these capitalized costs is recognized over the period associated with the revenue from which the cost was incurred. Total capitalized direct sales commission costs were the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion included in prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,434</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 1,954 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 3,273 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,587 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 5,707</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 4,541 </td></tr></table> Amortization of capitalized direct sales commission costs was the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Amortization of capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 640</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 506 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"> 1,274 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;">

$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 962 </td></tr></table> There was no impairment loss in relation to the costs capitalized for the periods presented. Practical Expedient The Company does not adjust the transaction price for the effects of a significant financing component when the period between the transfers of the promised good or service to the customer and payment for that good or service by the customer is expected to be one year or less. The Company assessed each of its revenue generating arrangements in order to determine whether a significant financing component exists, and determined its contracts did not include a significant financing component during the three and six months ended June 30, 2024 and 2023. The Company derives revenue from two sources: Analytics and Integrated Yield Ramp. The Company recognizes revenue in accordance with FASB Accounting Standards Codification (“ASC”) Topic 606, Revenue from Contracts with Customers, and its related amendments (collectively known as “ASC 606”). ASC 606 outlines a single comprehensive model to use in accounting for revenue arising from contracts with customers. Revenue is recognized when control of products or services is transferred to customers, in an amount that reflects the consideration the Company expects to be entitled to in exchange for those promised products or services. The Company determines revenue recognition through the following five steps: <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Identification of the contract, or contracts, with a customer</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Identification of the performance obligations in the contract</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Determination of the transaction price</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Allocation of the transaction price to the performance obligations in the contract</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">●</td><td style="padding:0pt;">Recognition of revenue when, or as, performance obligations are satisfied</td></tr></table> The Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectibility of consideration is probable. Contracts with Multiple Performance Obligations The Company enters into contracts that can include various combinations of licenses, products and services, some of which are distinct and are accounted for as separate performance obligations. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the standalone selling price (“SSP”). Analytics Revenue Analytics revenue is derived from the following primary offerings: licenses and services for standalone software (which is primarily Exensio® and Cimetrix® products), software-as-a-service (“SaaS”) (which is primarily Exensio® products), and Design-for-Inspection™ (“DFI™”) systems and Characterization Vehicle® (“CV®”) systems that do not include performance incentives based on customers’ yield achievement. Revenue from standalone software is recognized depending on whether the license is perpetual or time-based. Perpetual (one-time charge) license software is recognized at the time of the inception of the arrangement when control transfers to the customers if the software license is considered as a separate performance obligation from the services offered by the Company. Revenue from post-contract support is recognized over the contract term on a straight-line basis, because the Company is providing (i) support and (ii) unspecified software updates on a when-and-if available basis over the contract term. Revenue from time-based-licensed software is allocated to each performance obligation and is recognized either at a point in time or over time as follows. The license component is recognized at the time when control transfers to customers, with the post-contract support component recognized ratably over the committed term of the contract. For contracts with any combination of licenses, support, and other services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Revenue from SaaS arrangements, which allow for the use of a cloud-based software product or service over a contractually determined period of time without the customer having to take possession of the software, is accounted for as a subscription and is recognized as revenue ratably, on a straight-line basis, over the subscription period beginning on the date the service is first made available to customers. For contracts with any combination of SaaS and related services, distinct performance obligations are accounted for separately. For contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Revenue from DFI systems and CV systems (including Characterization services) that do not include performance incentives based on customers’ yield achievement is recognized primarily as services are performed. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs. For those contracts with multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP attributed to each performance obligation. Where there are not discrete performance obligations, historically, revenue is primarily recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. The estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the “Significant Judgments” section of this Note for further discussion. The Company also leases some of its DFI system and CV system assets to some customers. The Company determines the existence of a lease when the customer controls the use of these identified assets for a period of time defined in the lease agreement and classifies such leases as operating leases or sales-type leases. A lease is classified as a sales-type lease if it meets certain criteria under ASC Topic 842, Leases; otherwise, it is classified as an operating lease. Operating lease revenue is recognized on a straight-line basis over the lease term. Sales-type lease revenue and corresponding lease receivables are recognized at lease commencement based on the present value of the future lease payments, and related interest income on lease receivable is recognized over the lease term and are recorded under Analytics revenue in the accompanying condensed consolidated statements of comprehensive income. Payments under sales-type leases are discounted using the interest rate implicit in the lease. When the Company’s leases are embedded in contracts with customers that include non-lease performance obligations, the Company allocates consideration in the contract between lease and non-lease components based on their relative SSPs. Assets subject to operating leases remain in property and equipment and continue to be depreciated. Assets subject to sales-type leases are derecognized from property and equipment, net at lease commencement and a net investment in the lease asset is recognized in prepaid expenses and other current assets and other non-current assets in the accompanying condensed consolidated balance sheets. Integrated Yield Ramp Revenue Integrated Yield Ramp revenue is derived from the Company’s fixed-fee engagements that include performance incentives based on customers’ yield achievement (which consists primarily of Gainshare royalties) typically based on customer’s wafer shipments, pertaining to these fixed-price contracts, which royalties are variable. Revenue under these project-based contracts, which are delivered over a specific period of time, typically for a fixed-fee component paid on a set schedule, is recognized as services are performed using a percentage of completion method based on costs or labor-hours inputs, whichever is the most appropriate measure of the progress towards completion of the contract. Where there are distinct performance obligations, the Company allocates revenue to all deliverables based on their SSPs and allocates the transaction price of the contract to each performance obligation on a relative basis using the SSP. Similar to the services provided in connection with DFI systems and CV systems that are contributing to Analytics revenue, due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex and subject to many variables that require significant judgment. Please refer to the “Significant Judgments” section of this Note for further discussion. The Gainshare contained in Integrated Yield Ramp contracts is a variable fee related to continued usage of the Company’s intellectual property after the fixed-fee service period ends, based on a customer’s yield achievement. Revenue derived from Gainshare is contingent upon the Company’s customers reaching certain defined production yield levels. Gainshare periods are generally subsequent to the delivery of all contractual services and performance obligations. The Company records Gainshare as a usage-based royalty derived from customers’ usage of intellectual property and records it in the same period in which the usage occurs. 2 Disaggregation of Revenue The Company disaggregates revenue from contracts with customers into the timing of the transfer of goods and services and the geographical regions. The Company determined that disaggregating revenue into these categories achieves the disclosure objective to depict how the nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factors. The Company’s performance obligations are satisfied either over time or at a point-in-time. The following table represents a disaggregation of revenue percentage by timing of revenue: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> <p style="font-family:'Times New

Roman', 'Times', 'serif'; font-size:10pt; margin:0pt;"> </td><td style="vertical-align:bottom; white-space:nowrap; width:12.89%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:3.25%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.88%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:1.84%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:2.95%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:1.95%; margin:0pt; padding:0pt;">   </td></tr><tr><td style="vertical-align:bottom; width:39.97%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:2.2%; margin:0pt; padding:0pt;">   </td><td colspan="3" style="vertical-align:bottom; white-space:nowrap; width:29.02%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom; white-space:nowrap; width:1.84%; margin:0pt; padding:0pt;">   </td><td colspan="4" style="vertical-align:bottom; white-space:nowrap; width:26.94%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom; width:39.97%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:2.2%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.89%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> 2024 </td><td style="vertical-align:bottom; white-space:nowrap; width:3.25%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.88%; border-bottom:1px solid #000000; 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white-space:nowrap; width:3.25%; background:#cceeff; margin:0pt; padding:0pt;"> %   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.88%; background:#cceeff; margin:0pt; padding:0pt;"> 73 </td><td style="vertical-align:bottom; white-space:nowrap; width:1.84%; background:#cceeff; margin:0pt; padding:0pt;"> % </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; background:#cceeff; margin:0pt; padding:0pt;"> 69 </td><td style="vertical-align:bottom; white-space:nowrap; width:2.95%; background:#cceeff; margin:0pt; padding:0pt;"> %   </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; background:#cceeff; margin:0pt; padding:0pt;"> 77 </td><td style="vertical-align:bottom; white-space:nowrap; width:1.95%; background:#cceeff; margin:0pt; padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom; width:39.97%; margin:0pt; padding:0pt;"> Point-in-time </td><td style="vertical-align:bottom; white-space:nowrap; width:2.2%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.89%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> 28 </td><td style="vertical-align:bottom; white-space:nowrap; width:3.25%; margin:0pt; padding:0pt;"> %   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.88%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> 27 </td><td style="vertical-align:bottom; white-space:nowrap; width:1.84%; margin:0pt; padding:0pt;"> % </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> 31 </td><td style="vertical-align:bottom; white-space:nowrap; width:2.95%; margin:0pt; padding:0pt;"> %   </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; border-bottom:1px solid #000000; margin:0pt; padding:0pt;"> 23 </td><td style="vertical-align:bottom; white-space:nowrap; width:1.95%; margin:0pt; padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom; width:39.97%; background:#cceeff; margin:0pt; padding:0pt;"> Total </td><td style="vertical-align:bottom; white-space:nowrap; width:2.2%; background:#cceeff; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.89%; background:#cceeff; border-bottom:3px double #000000; margin:0pt; padding:0pt;"> 100 </td><td style="vertical-align:bottom; white-space:nowrap; width:3.25%; background:#cceeff; margin:0pt; padding:0pt;"> %   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.88%; background:#cceeff; border-bottom:3px double #000000; margin:0pt; padding:0pt;"> 100 </td><td style="vertical-align:bottom; white-space:nowrap; width:1.84%; background:#cceeff; margin:0pt; padding:0pt;"> % </td><td style="vertical-align:bottom; white-space:nowrap; width:11.01%; background:#cceeff; border-bottom:3px double #000000; margin:0pt; padding:0pt;"> 100 </td><td style="vertical-align:bottom; white-space:nowrap; width:2.95%; background:#cceeff; margin:0pt; 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See Note 9, Customer and Geographic Information.   <table style="border-collapse:collapse; font-size:16pt; height:max-content; padding-left:0pt; padding-right:0pt; width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom; width:39.97%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:2.2%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:12.89%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-space:nowrap; width:3.25%; margin:0pt; padding:0pt;">   </td><td style="vertical-align:bottom; white-

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style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:39.97%;background:#cceeff;margin:0pt;padding:0pt;"> Over time </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;background:#cceeff;margin:0pt;padding:0pt;"> 72 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;background:#cceeff;margin:0pt;padding:0pt;"> 73 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;margin:0pt;padding:0pt;"> 69 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;margin:0pt;padding:0pt;"> 77 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:39.97%;margin:0pt;padding:0pt;"> Point-in-time </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 28 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 27 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 31 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 23 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:39.97%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.89%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.25%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:12.88%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:11.01%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr></table> 0.72 0.73 0.69 0.77 0.28 0.27 0.31 0.23 1 1 1 1 0.54 0.46 0.55 0.45 Significant Judgments Judgments and estimates are required under ASC 606. Due to the complexity of certain contracts, the actual revenue recognition treatment required under ASC 606 for the Company's arrangements may be dependent on contract-specific terms and may vary in some instances. For revenue under project-based contracts for fixed-price services, revenue is recognized as services are performed using a percentage-of-completion method based on costs or labor-hours input method, whichever is the most appropriate measure of the progress towards completion of the contract. Due to the nature of the work performed in these arrangements, the estimation of percentage of completion method is complex, subject to many variables and requires significant judgment. Key factors reviewed by the Company to estimate costs to complete each contract are future labor and product costs and expected productivity efficiencies. If circumstances arise that change the original estimates of revenues, costs, or extent of progress toward completion, revisions to the estimates are made. These revisions may result in increases or decreases in estimated revenues or costs, and such revisions are reflected in revenue on a cumulative catch-up basis in the period in which the circumstances that gave rise to the revision become known. The Company's contracts with customers often include promises to transfer products, software licenses and provide services, including professional services, technical support services, and rights to unspecified updates to a customer. Determining whether licenses and services are distinct performance obligations that should be accounted for separately, or not distinct and thus accounted for together, requires significant judgment. The Company rarely licenses software on a standalone basis, so the Company is required to estimate the range of the SSPs for each performance obligation. In instances where the SSP is not directly observable because the Company does not license the software or sell the service separately, the Company determines the SSP using information that may include market conditions and other observable inputs. The Company is required to record Gainshare revenue in the same period in which the usage occurs. Because the Company generally does not receive the acknowledgment reports from its customers during a given quarter within the time frame necessary to adequately review the reports and include the actual amounts in quarterly results for such quarter, the Company accrues the related revenue based on estimates of customers underlying sales achievement. The Company's estimation process can be based on historical data, trends, seasonality, changes in the contract rate, knowledge of the changes in the industry and changes in the customer's manufacturing environment learned through discussions with customers and sales personnel. As a result of accruing revenue for the quarter based on such estimates, adjustments will be required in the following quarter to true-up revenue to the actual amounts reported. <p style="font-family:'Times New Roman','Times','serif';font-size:10pt;font-style:italic;font-weight:bold;margin:0pt 0pt

12pt 0pt;">Contract Balances The Company performs its obligations under a contract with a customer primarily by licensing software or providing services in exchange for consideration from the customer. The timing of the Company's performance often differs from the timing of the customer's payment, which results in the recognition of a receivable, a contract asset or a contract liability. The Company classifies the right to consideration in exchange for software or services transferred to a customer as either a receivable or a contract asset. A receivable is a right to consideration that is unconditional, as compared to a contract asset, which is a right to consideration that is conditional upon factors other than the passage of time. The majority of the Company's contract assets represent unbilled amounts related to fixed-price service contracts when the revenue recognized exceeds the amount billed to the customer. The contract assets are recorded on a net basis with deferred revenue (i.e., contract liabilities) at the contract level. The contract assets consist of the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion included in prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,098</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 6,787 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 699 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 933 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total contract assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,797</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 7,720 </td></tr></table> The Company did not record any asset impairment charges related to contract assets for the periods presented. Deferred revenues and billings in excess of recognized revenues consist substantially of amounts invoiced in advance of revenue recognition and are recognized as the revenue recognition criteria are met. Deferred revenues that will be recognized during the succeeding twelve-month period are recorded as current deferred revenues and the remaining portion is recorded in other non-current liabilities in the accompanying condensed consolidated balance sheets. Deferred revenues were the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-

align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 31,662</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 25,750 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,819 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,802 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total deferred revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 34,481</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 27,552 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times';serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times';serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">Included in other non-current liabilities.</td></tr></table> Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at the beginning of each reporting period was the following (in thousands): . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">

2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at beginning of period </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"> 14,543 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 10,844 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"> 18,929 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 16,364 </td></tr></table> As of June 30, 2024, the aggregate amount of the transaction price allocated to the remaining performance obligations related to customer contracts that were unsatisfied or partially unsatisfied was approximately $243.2 million. Given the applicable contract terms with customers, more than half of this amount is expected to be recognized as revenue over the next two years with the remainder to be recognized thereafter. This amount does not include insignificant contracts to which the customer is not committed, nor significant contracts for which the Company recognizes revenue equal to the amount the Company has the right to invoice for services performed, or future sales-based or usage-based royalty payments in exchange for a license of intellectual property. This amount is subject to change due to future revaluations of variable consideration, terminations, other contract modifications, or currency adjustments. The estimated timing of the recognition of remaining unsatisfied performance obligations is subject to change and is affected by changes to the scope, change in timing of delivery of products and services, or contract modifications. The adjustment to revenue recognized from performance obligations satisfied (or partially satisfied) in previous periods was a decrease of $0.3 million and an increase of $1.3 million during the three months ended June 30, 2024 and 2023, respectively, and a decrease of $1.1 million and an increase of $3.2 million during the six months ended June 30, 2024 and 2023, respectively. These amounts primarily represent changes in estimated percentage-of-completion based contracts and changes in actual versus estimated Gainshare.</p> <p style="font-family:'Times New Roman','Times',serif;font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></div></div></td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">June 30, </p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">December 31, </p></td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Current portion included in prepaid expenses and other current assets</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 6,098 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 6,787 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 699 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 933 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total contract assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,797</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-

size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">7,720 </td></tr></table> 6098000 6787000 699000 933000 6797000 7720000 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">31,662</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 25,750 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,819 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,802 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total deferred revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">34,481</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 27,552 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">Included in other non-current liabilities.</td></tr></table> 31662000 25750000 2819000 1802000 34481000 27552000 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"><div

style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Revenue recognized that was included in the deferred revenues and billings in excess of recognized revenues balances at beginning of period </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 14,543</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 10,844 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 18,929</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 16,364 </td></tr></table> 14543000 10844000 18929000 16364000 243200000 P2Y -300000 1300000 -1100000 3200000 Costs to Obtain or Fulfill a Contract The Company capitalizes the incremental costs to obtain or fulfill a contract with a customer, including direct sales commissions and related fees, when it expects to recover those costs. Amortization expense related to these capitalized costs is recognized over the period associated with the revenue from which the cost was incurred. Total capitalized direct sales commission costs were the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.76%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Current portion included in prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,434</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 1,954 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 3,273 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-

size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">2,587 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">5,707</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 4,541 </td></tr></table> Amortization of capitalized direct sales commission costs was the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;">) </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">) </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">) </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Amortization of capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">640</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 506 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">1,274</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 962 </td></tr></table> There was no impairment loss in relation to the costs capitalized for the periods presented. <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> <p style="font-family:'Times New

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0pt;"> 2,434</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;margin:0pt;padding:0pt;"> 1,954 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;margin:0pt;padding:0pt;"> Non-current portion included in other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 3,273 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,587 </td></tr><tr><td style="vertical-align:bottom;width:65.98%;background:#cceeff;margin:0pt;padding:0pt;"> Total capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:3.05%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 5,707</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.45%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.98%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 4,541 </td></tr></table> 2434000 1954000 3273000 2587000 5707000 4541000 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-

align:center;margin:0pt 0pt 0.05pt 0pt;">2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Amortization of capitalized direct sales commission costs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 640</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 506 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,274</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 962 </td></tr></table> 640000 506000 1274000 962000 0 Practical Expedient The Company does not adjust the transaction price for the effects of a significant financing component when the period between the transfers of the promised good or service to the customer and payment for that good or service by the customer is expected to be one year or less. The Company assessed each of its revenue generating arrangements in order to determine whether a significant financing component exists, and determined its contracts did not include a significant financing component during the three and six months ended June 30, 2024 and 2023. 3. BALANCE SHEET COMPONENTS Accounts Receivable Accounts receivable include amounts that are unbilled at the end of the period that are expected to be billed and collected within a 12-month period. Unbilled accounts receivable, included in accounts receivable, totaled $18.5 million and $16.4 million as of June 30, 2024, and December 31, 2023, respectively. Unbilled accounts receivable that are not expected to be billed and collected during the succeeding 12-month period are recorded in other non-current assets and totaled $3.7 million and $1.1 million as of June 30, 2024, and December 31, 2023, respectively.</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;text-indent:18pt;margin:0pt;">The Company performs ongoing credit evaluations of its customers' financial condition. An allowance for credit losses is maintained for probable credit losses based upon the Company's assessment of the expected </p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;margin:0pt 0pt 12pt 0pt;">collectibility of the accounts receivable. The allowance for credit losses is reviewed on a quarterly basis to assess the adequacy of the allowance.</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;font-style:italic;font-weight:bold;margin:0pt 0pt 12pt 0pt;">Property and Equipment</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;text-indent:18pt;margin:0pt;">Property and equipment, net consist of the following (in thousands):</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></div></div></td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">June 30, </p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">December 31, </p></td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Computer equipment</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 12,032 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 12,515 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Software </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 5,628 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 5,596 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Furniture, fixtures, and equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 2,527 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-

size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 2,501 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Leasehold improvements </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 6,606 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 6,475 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Laboratory and other equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 5,457 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 4,891 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Test equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 26,286 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 25,044 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Property and equipment in progress: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 22,638 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 22,864 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> CV® system and other assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 7,023 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 6,977 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 88,197 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 86,863 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Less: Accumulated depreciation and amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (47,490) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (49,525) </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 40,707</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 37,338 </td></tr></table> Test equipment mainly includes DFI™ system and CV® system assets at customer sites that are contributing to revenue. Property and equipment in progress represent the development or construction of property and equipment that have not yet been placed in service for the Company's intended use and are not depreciated. <p style="font-family:'Times New Roman','Times','serif';font-

size:10pt;text-align:justify;text-indent:18pt;margin:12pt 0pt 12pt 0pt;">Depreciation and amortization expense was $1.1 million and $1.2 million for the three months ended June 30, 2024 and 2023, respectively, and $2.1 million and $2.5 million for the six months ended June 30, 2024 and 2023, respectively. Goodwill and Intangible Assets, Net As of each of June 30, 2024, and December 31, 2023, the carrying amount of goodwill was $15.0 million. Intangible assets, net, consisted of the following (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="8" style="vertical-align:bottom;white-space:nowrap;width:31.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="8" style="vertical-align:bottom;white-space:nowrap;width:31.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> December 31, 2023 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Gross </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Net </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Gross </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Net </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Period </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Accumulated </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-

size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;">Carrying </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Accumulated </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:21.45%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Acquired identifiable intangibles: </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Customer relationships </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 1-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 9,504</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (7,664) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,840</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 9,508 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (7,335)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 2,173 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Developed technology </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> 4-9 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 34,615 </td><td style="vertical-align:bottom;white-

space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (23,351) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 11,264 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 34,650 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (22,094) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 12,556 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Tradename and trademarks </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 2-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 1,598 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (1,079) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 519 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 1,598 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (1,025) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 573 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Patent </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> 6-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 2,100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (1,826) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 274 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 2,100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (1,782) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 318 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Noncompetition agreements </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 3 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 848 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (848) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 848 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (848) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> - </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;">

Total </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 48,665</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> (34,768) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 13,897</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 48,704 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (33,084)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 15,620 </td></tr></table> . The weighted average amortization period for acquired identifiable intangible assets was 4.8 years as of June 30, 2024. The following table summarizes intangible assets amortization expense in the accompanying condensed consolidated statements of comprehensive income (in thousands): . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Amortization of acquired technology included under costs of revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 584</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 553 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"> 1,168 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-

size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,106</p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Amortization of acquired intangible assets presented separately under costs and expenses</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 259</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 326</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 518</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 651</p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Total amortization of acquired intangible assets</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 843 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 879</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,686 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,757</p></td></tr></table><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;text-indent:18pt;margin:12pt 0pt 12pt 0pt;">The Company expects annual amortization of acquired identifiable intangible assets to be as follows (in thousands):</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Year Ending December 31, </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.48%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Amount</p></td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2024 (remaining six months)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 1,546 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2025 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"> 3,067 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> 2026 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 2,898 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2027 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"> 2,745 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> 2028 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 2,439 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2029 and thereafter </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,202 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> Total future amortization expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> <span style="font-

size:11pt;">$</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 13,897</p></td></tr></table><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;min-height:0.0pt;margin:0pt;"></p><p style="font-family:'Times New Roman','Times',serif;font-size:11pt;text-align:justify;text-indent:18pt;margin:12pt 0pt 12pt 0pt;">There were no impairment charges for goodwill and intangible assets during the three and six months ended June 30, 2024 and 2023.</p><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;font-style:italic;font-weight:bold;margin:0pt 0pt 12pt 0pt;">Other Non-current Assets</p><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:justify;text-indent:18pt;margin:0pt 0pt 12pt 0pt;">Other non-current assets consisted of the following (in thousands):</p><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">June 30, </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">December 31, </p></td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">   </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">   </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Costs capitalized to obtain revenue contracts – non-current (1)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 3,273 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 2,587 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Unbilled accounts receivable – non-current (2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 3,654 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 1,069 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"> Contract assets – non-current (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 699 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 933 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Net investments in sales-type leases – non-current (3) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 20,005 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 12,196 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"> Deposits and other non-current prepaid expenses </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,907 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,433 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Total other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-

align:bottom;white-space:nowrap;width:1.9%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 30,538</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 19,218 </td></tr></table> <table style="border-collapse:collapse;collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">See Note 2, Revenue from Contracts with Customers.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(2)</td><td style="padding:0pt;">See Note 3, Balance Sheet Components - Accounts Receivable.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(3)</td><td style="padding:0pt;">The Company had net investments in sales-type leases for its DFI™ system and CV® system assets. The following table summarizes the components of the Company's net investments in sales-type leases in the condensed consolidated balance sheets (in thousands):</td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:92.75%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.44%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.44%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Lease receivables </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 16,734</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;margin:0pt;padding:0pt;"> 9,460 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> Unguaranteed residual assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 7,312 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 4,717 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Net investments in sales-type leases </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;margin:0pt;padding:0pt;"> 24,046 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;margin:0pt;padding:0pt;"> 14,177 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> Less: Current portion of lease receivables under prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (4,041) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (1,981) </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Net investments in sales-type leases – non-current </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-

family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 20,005 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 12,196</p></td></tr></table></div><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;margin:12pt 0pt 12pt 36pt;">Maturities of leases payments under sales-type leases as of June 30, 2024, were as follows (in thousands):</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><div style="padding-left:36pt;"><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:92.77%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;margin:0pt;padding:0pt;">) </td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"> Year Ending December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.17%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"> 2024 (remaining six months) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,478</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2025</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 8,048</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2026</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 7,672</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2027</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,718</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2028</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 68</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Total future sales-type lease payments</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 20,984</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Less: Present value adjustment (a)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (4,250)</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Present value of lease receivables</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt,">)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 16,734 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:36pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(a)</td><td style="padding:0pt;">Calculated using the rate implicit in the lease determined for each lease.</td></tr></table> There was no allowance for credit losses on lease receivables as of June 30, 2024, and December 31, 2023. The Company's ongoing risk management strategy for residual assets includes performing regular reviews of estimated residual values. Accounts Receivable Accounts receivable include amounts that are unbilled at the end of the period that are expected to be billed and collected within a 12-month period. Unbilled accounts receivable, included in accounts receivable, totaled $18.5 million and $16.4 million as of June 30, 2024, and December 31, 2023, respectively. Unbilled accounts receivable that are not expected to be billed and collected during the succeeding 12-month period are recorded in other non-current assets and totaled $3.7 million and $1.1 million as of June 30, 2024, and December 31, 2023, respectively. 18500000 16400000 3700000 1100000) <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;">) </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;">) </td><td style="vertical-

align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Computer equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 12,032</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 12,515 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Software </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 5,628 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 5,596 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Furniture, fixtures, and equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 2,527 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 2,501 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Leasehold improvements </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 6,606 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 6,475 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Laboratory and other equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 5,457 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> 4,891 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Test equipment </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 26,286 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 25,044 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Property and equipment in progress: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> DFI™ system assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 22,638 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 22,864 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> CV® system and other assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;">

</td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 7,023 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 6,977 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 88,197 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;margin:0pt;padding:0pt;"> 86,863 </td></tr><tr><td style="vertical-align:bottom;width:66.24%;background:#cceeff;margin:0pt;padding:0pt;"> Less: Accumulated depreciation and amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (47,490) </td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (49,525) </td></tr><tr><td style="vertical-align:bottom;width:66.24%;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 40,707</p></td><td style="vertical-align:bottom;white-space:nowrap;width:3.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.88%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 37,338 </td></tr></table> 12032000 12515000 5628000 5596000 2527000 2501000 6606000 6475000 5457000 4891000 26286000 25044000 22638000 22864000 7023000 6977000 88197000 86863000 47490000 49525000 40707000 37338000 1100000 1200000 2100000 2500000 15000000.0 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="8" style="vertical-align:bottom;white-space:nowrap;width:31.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="8" style="vertical-align:bottom;white-space:nowrap;width:31.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> December 31, 2023 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Gross </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Net </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Gross </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Net </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Period </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> Accumulated </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;margin:0pt;padding:0pt;"> Carrying </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:21.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amortization </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:7.9%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Acquired identifiable intangibles: </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt

0pt 0.05pt 0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Customer relationships </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 1-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 9,504</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (7,664) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,840</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 9,508 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (7,335)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 2,173 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Developed technology </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> 4-9 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 34,615 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (23,351) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 11,264 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 34,650 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (22,094) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 12,556 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Tradename and trademarks </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 2-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 1,598 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (1,079) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 519 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 1,598 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;margin:0pt;padding:0pt;"> (1,025) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;margin:0pt;padding:0pt;"> 573 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;background:#cceeff;margin:0pt;padding:0pt;"> Patent </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;background:#cceeff;margin:0pt;padding:0pt;"> 6-10 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 2,100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (1,826) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 274 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 2,100 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt

0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;margin:0pt;padding:0pt;"> (1,782) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;margin:0pt;padding:0pt;"> 318 </td></tr><tr><td style="vertical-align:bottom;width:21.45%;margin:0pt;padding:0pt;"> Noncompetition agreements </td><td style="vertical-align:bottom;white-space:nowrap;width:0.5%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.46%;margin:0pt;padding:0pt;"> 3 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 848 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (848) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 48,665</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> (34,768) </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 13,897</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 48,704 </td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.6%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.86%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (33,084)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.11%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:6.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 15,620 </td></tr></table> P1Y P10Y 9504000 7664000 1840000 9508000 7335000 2173000 P4Y P9Y 34615000 23351000 11264000 34650000 22094000 12556000 P2Y P10Y 1598000 1079000 519000 1598000 1025000 573000 P6Y P10Y 2100000 1826000 274000 2100000 1782000 318000 P3Y 848000 848000 848000 848000 48665000 34768000 13897000 48704000 33084000 15620000 P4Y9M18D <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-

align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Amortization of acquired technology included under costs of revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 584</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 553 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,168</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 1,106 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Amortization of acquired intangible assets presented separately under costs and expenses </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 259 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 326 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 518 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 651 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Total amortization of acquired intangible assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 843</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 879 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,686</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,757 </td></tr></table> 584000 553000 1168000 1106000 259000 326000 518000 651000 843000 879000 1686000 1757000 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> Year Ending December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.48%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> 2024 (remaining six months) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 1,546 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2025 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"><p style="font-

family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"> 3,067 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> 2026 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 2,898 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2027 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;margin:0pt;padding:0pt;"> 2,745 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> 2028 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;margin:0pt;padding:0pt;"> 2,439 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;margin:0pt;padding:0pt;"> 2029 and thereafter </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,202 </td></tr><tr><td style="vertical-align:bottom;width:84.73%;background:#cceeff;margin:0pt;padding:0pt;"> Total future amortization expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.78%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.67%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 13,897</p></td></tr></table> 1546000 3067000 2898000 2745000 2439000 1202000 13897000 <p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">June 30, </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">December 31, </p></td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">   </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">   </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.68%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Costs capitalized to obtain revenue contracts – non-current (1)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 3,273 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 2,587 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Unbilled accounts receivable – non-current (2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 3,654 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 1,069 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"> Contract assets – non-current (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 699 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;margin:0pt;padding:0pt;"> 933 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Net investments in sales-type leases – non-current (3) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 20,005 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;margin:0pt;padding:0pt;"> 12,196 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;background:#cceeff;margin:0pt;padding:0pt;"> Deposits and other non-current prepaid expenses </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,907 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,433 </td></tr><tr><td style="vertical-align:bottom;width:66.64%;margin:0pt;padding:0pt;"> Total other non-current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 30,538</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.9%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.78%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 19,218 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">See Note 2, Revenue from Contracts with Customers.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(2)</td><td style="padding:0pt;">See Note 3, Balance Sheet Components - Accounts Receivable.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(3)</td><td style="padding:0pt;">The Company had net investments in sales-type leases for its DFI™ system and CV® system assets. The following table summarizes the components of the Company's net investments in sales-type leases in the condensed consolidated balance sheets (in thousands):</td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:92.75%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.44%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.44%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Lease receivables </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 16,734</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;margin:0pt;padding:0pt;"> 9,460 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> Unguaranteed residual assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 7,312 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 4,717 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Net investments in sales-type leases </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;margin:0pt;padding:0pt;">

24,046 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;margin:0pt;padding:0pt;"> 14,177 </td></tr><tr><td style="vertical-align:bottom;width:67.33%;margin:0pt;padding:0pt;"> Less: Current portion of lease receivables under prepaid expenses and other current assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (4,041) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (1,981) </td></tr><tr><td style="vertical-align:bottom;width:67.33%;background:#cceeff;margin:0pt;padding:0pt;"> Net investments in sales-type leases - non-current </td><td style="vertical-align:bottom;white-space:nowrap;width:2.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.61%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.47%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;">20,005</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.37%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.03%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:12.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 12,196 </td></tr></table> 3273000 2587000 3654000 1069000 699000 933000 20005000 12196000 2907000 2433000 30538000 19218000 16734000 9460000 7312000 4717000 24046000 14177000 -4041000 -1981000 20005000 12196000 . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:92.77%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"> Year Ending December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"> — </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.17%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount </td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"> 2024 (remaining six months) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">2,478</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2025</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">8,048</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2026</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">7,672</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2027</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">2,718</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2028</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">68</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Total future sales-type lease payments</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">20,984</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Less: Present value adjustment (a)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;">(4,250)</p></td></tr><tr><td style="vertical-align:bottom;width:85.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Present value of lease receivables</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.69%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.71%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 16,734 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:36pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(a)</td><td style="padding:0pt;">Calculated using the rate implicit in the lease determined for each lease.</td></tr></table>2478000 8048000 7672000 2718000 68000 20984000 4250000 16734000 0 4. LEASES The Company leases administrative and sales offices and certain equipment under non-cancellable operating leases, which contain various renewal options and, in some cases, require payment of common area costs, taxes and utilities. These operating leases expire at various dates through 2028. The Company had no leases that were classified as a financing lease as of June 30, 2024, and December 31, 2023. <p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-

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align:justify;text-indent:18pt;margin:12pt 0pt 12pt 0pt;"><span style="font-size:11pt;">Lease expense was comprised of the following (in thousands):</span></p><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;min-height:0.0pt;margin:0pt;"><span style="font-size:0pt;visibility:hidden;"></span></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:1pt;visibility:hidden;"></span></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"> </span></p></td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Three Months Ended June 30,</b></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"> </span></p></td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Six Months Ended June 30,</b></p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">     </span></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</b></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">     </span></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</b></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">     </span></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</b></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">     </span></p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</b></p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">Operating lease expense</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 379</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 384</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 760</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 771</span></p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">Short-term lease and variable lease expense (1)</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 272</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 206</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 486</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;"> </span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 434</span></p></td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">Total lease expense</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"><span style="font-size:11pt;"> 651</span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;visibility:hidden;"></span></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New
```

Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">590</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,246 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,205 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">Leases with an initial term of 12 months or less are not recorded on the accompanying condensed consolidated balance sheets, and the Company recognizes lease expense for these leases on a straight-line basis over the lease term. Variable lease expense for the periods presented primarily included common area maintenance charges.</td></tr></table> Supplemental condensed consolidated balance sheets information related to operating leases was as follows: . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.28%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;background:#cceeff;margin:0pt;padding:0pt;"> Weighted average remaining lease term under operating leases (in years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;background:#cceeff;margin:0pt;padding:0pt;"> 3.9 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> 4.4 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> Weighted average discount rate for operating lease liabilities </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;margin:0pt;padding:0pt;"> 5.02 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> 4.96 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> % </td></tr></table> . Maturities of operating lease liabilities as of June 30, 2024, were as follows (in thousands): . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> Year Ending December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.34%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount (1) </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> 2024 (remaining six months) </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 875</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2025</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,672</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2026</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,371</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2027</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,294</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2028</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 929</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">2029</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 63</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Total future minimum lease payments</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6,204</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Less: Interest (2)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (592)</p></td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Present value of future minimum lease payments under operating lease liabilities (3)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 5,612 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">As of June 30, 2024, the total operating lease liabilities include approximately $1.0 million related to an option to extend a lease term that is reasonably certain to be exercised.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(2)</td><td style="padding:0pt;">Calculated using incremental borrowing interest rate for each lease.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(3)</td><td style="padding:0pt;">Includes the current portion of operating lease liabilities of $1.6 million as of June 30, 2024.</td></tr></table> 0 . <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid

#000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.08%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Operating lease expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 379</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"> 384 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 760</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"> 771 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Short-term lease and variable lease expense (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 272</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 206 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">$ </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Total lease expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.25%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 651</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.85%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 590 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,246</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,205 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">Leases with an initial term of 12 months or less are not recorded on the accompanying condensed consolidated balance sheets, and the Company recognizes lease expense for these leases on a straight-line basis over the lease term. Variable lease expense for the periods presented primarily included common area maintenance charges.</td></tr></table> 379000 384000 760000 771000 272000 206000 486000 434000 651000 590000 1246000 1205000 P12M <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> <span style="font-

size:1pt;visibility:hidden;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.28%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;background:#cceeff;margin:0pt;padding:0pt;"> Weighted average remaining lease term under operating leases (in years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;background:#cceeff;margin:0pt;padding:0pt;"> 3.9 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> 4.4 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:64.87%;margin:0pt;padding:0pt;"> Weighted average discount rate for operating lease liabilities </td><td style="vertical-align:bottom;white-space:nowrap;width:2.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.45%;margin:0pt;padding:0pt;"> 5.02 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> 4.96 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> % </td></tr></table> P3Y10M24D P4Y4M24D 0.0502 0.0496 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> Year Ending December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.34%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Amount (1) </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> 2024 (remaining six months) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"> 875 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> 2025 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;margin:0pt;padding:0pt;"> 1,672 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> 2026 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"> 1,294 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> 2028 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"> 929 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> 2029 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 63 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> Total future minimum lease payments </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:10.61%;background:#cceeff;margin:0pt;padding:0pt;"> 6,204 </td></tr><tr><td style="vertical-align:bottom;width:84.95%;margin:0pt;padding:0pt;"> Less: Interest (2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (592) </td></tr><tr><td style="vertical-align:bottom;width:84.95%;background:#cceeff;margin:0pt;padding:0pt;"> Present value of future minimum lease payments under operating lease liabilities (3) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.72%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.61%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 5,612 </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">As of June 30, 2024, the total operating lease liabilities include approximately $1.0 million related to an option to extend a lease term that is reasonably certain to be exercised.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(2)</td><td style="padding:0pt;">Calculated using incremental borrowing interest rate for each lease.</td></tr></table><table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(3)</td><td style="padding:0pt;">Includes the current portion of operating lease liabilities of $1.6 million as of June 30, 2024.</td></tr></table> 875000 1672000 1371000 1294000 929000 63000 6204000 592000 5612000 1000000.0 1600000 5. STOCKHOLDERS' EQUITY Stock Repurchase Program On April 11, 2022, the Board of Directors adopted a stock repurchase program (the "2022 Program") to repurchase up to $35.0 million of the Company's common stock both on the open market and in privately negotiated transactions, including through Rule 10b5-1 plans, from time to time, over the next two years. During the six months ended June 30, 2024, 201,561 shares were repurchased by the Company under the 2022 Program at an average price of $34.23 per share for an aggregate total price of $6.9 million. In total, the Company repurchased 937,501 shares under the 2022 Program at an average price of $25.96 per share for an aggregate total price of $24.3 million. The 2022 Program expired on April 11, 2024, and on April 15, 2024, the Board of Directors adopted a new program (the "2024 Program") to repurchase up to $40.0 million of the Company's common stock both on the open market and in privately negotiated transactions, including through Rule 10b5-1 plans, from time to time, over the next two years. 35000000.0 P2Y 201561 34.23 6900000 937501 25.96 24300000 40000000.0 P2Y 6. EMPLOYEE BENEFIT PLANS On June 30, 2024, the Company had the following stock-based compensation plans: Employee Stock Purchase Plan On June 15, 2021, the Company's stockholders initially approved the 2021 Employee Stock Purchase Plan, which has been amended and restated by the Board of Directors and approved by the Company's stockholders since then (as amended through the date of this report, the "2021 Purchase Plan"). Under the 2021 Purchase Plan, eligible employees can contribute up to 10% of their compensation, as defined in the 2021 Purchase Plan, towards the purchase of shares of PDF common stock at a price of 85% of the lower of the fair market value at the beginning of the offering period or the end of the purchase period. The 2021 Purchase Plan commenced on August 1, 2021, and provided for twenty-four-month offering periods with four six-month purchase periods in each offering period. The Company estimated the fair value of purchase rights granted under the 2021 Purchase Plan during the period using the Black-Scholes-Merton option-pricing model with the following weighted average assumptions, resulting in the following weighted average fair values: . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> . </td><td colspan="6" style="vertical-align:bottom;width:32.66%;border-bottom:1px solid #000000;border-top:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td><td style="vertical-align:bottom;width:2.97%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.38%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Expected life (in years) </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:11pt;text-align:right;margin:0pt

3.5pt 0.05pt 0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Volatility </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> 41.40 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> 46.70 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Risk-free interest rate </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 4.62 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 4.48 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Expected dividend </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Weighted average fair value of purchase rights granted during the period </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 10.89 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 11.90 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr></table> During the three months ended June 30, 2024 and 2023, no shares were issued under the 2021 Purchase Plan. During the six months ended June 30, 2024, a total of 73,854 shares were issued under the 2021 Purchase Plan, at a weighted average purchase price of $25.94 per share. During the six months ended June 30, 2023, a total of 98,216 shares were issued under the 2021 Purchase Plan, at a weighted-average purchase price of $16.93 per share. As of June 30, 2024, unrecognized compensation cost related to the 2021 Purchase Plan was $2.4 million. This estimated unrecognized cost is expected to be recognized over a weighted average period of 1.6 years. As of June 30, 2024, 720,455 shares were available for future issuance under the 2021 Purchase Plan. Stock Incentive Plans On November 16, 2011, the Company's stockholders initially approved the 2011 Stock Incentive Plan, which has been amended and restated by the Board of Directors and approved by the Company's stockholders a number of times since then (as amended through the date of this report, the "2011 Plan"). Under the 2011 Plan, the Company may award stock options, stock appreciation rights ("SARs"), stock grants or stock units covering shares of the Company's common stock to employees, directors, non-employee directors and contractors. The aggregate number of shares reserved for awards under the 2011 Plan is 14.6 million shares, plus up to 3.5 million shares previously issued under the 2001 Stock Plan adopted by the Company in 2001, which expired in 2011 (the "2001 Plan") that are either (i) forfeited or (ii) repurchased by the Company or are shares subject to awards previously issued under the 2001 Plan that expire or that terminate without having been exercised or settled in full on or after November 16, 2011. In case of awards other than options or SARs, the aggregate number of shares reserved under the 2011 Plan will be decreased at a rate of 1.33 shares issued pursuant to such awards. The exercise price for stock options must generally be at prices no less than the fair market value at the date of grant. Stock options generally expire ten years from the date of grant and become vested and exercisable over a four-year period. As of June 30, 2024, 15.1 million shares of common stock were reserved to cover stock-based awards under the 2011 Plan, of which 4.5 million shares were available for future grant. The number of shares reserved and available under the 2011 Plan includes 0.5 million shares that were subject to awards previously made under the 2001 Plan and were forfeited, expired, or repurchased by the Company after the adoption of the 2011 Plan through June 30, 2024. As of June 30, 2024, there were no outstanding awards that had been granted outside of the 2011 Plan. The Company estimated the fair value of share-based awards granted under the 2011 Stock Plan during the period using the Black-Scholes-Merton option-pricing model. There were no stock options granted during the three and six months ended June 30, 2024 and 2023. Stock-Based Compensation Stock-based compensation is estimated at the grant date based on the award's fair value and is recognized on a straight-line basis over the vesting periods, generally four years. Stock-based compensation expense before taxes related to the Company's stock plan and employee stock purchase plan was allocated as follows (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;margin:0pt;padding:0pt;"><div

style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.07%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Costs of revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,185</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;background:#cceeff;margin:0pt;padding:0pt;"> 938 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,385</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;background:#cceeff;margin:0pt;padding:0pt;"> 1,902 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Research and development </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> 2,063 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;margin:0pt;padding:0pt;"> 1,619 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> 4,265 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;margin:0pt;padding:0pt;"> 3,413 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Selling, general, and administrative </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,452 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2,121 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 5,160 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 4,247 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Stock-based compensation expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 5,700 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"><p style="font-

family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 4,678</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 11,810 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 9,562 </td></tr></table> Additional information with respect to options under the 2011 Plan during the six months ended June 30, 2024, is as follows: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:30.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Outstanding Options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Weighted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Weighted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Average </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Average </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Remaining </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Aggregate </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> Number of </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Exercise </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Contractual </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Intrinsic </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> Options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Price </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Term </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Value </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> per Share </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Outstanding, January 1, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;margin:0pt;padding:0pt;"> 38 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> 15.92 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Granted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Exercised </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;margin:0pt;padding:0pt;"> (5) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> 16.57 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Canceled </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt

12pt;">Expired </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Outstanding, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.81</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.63</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> 671 </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Vested and expected to vest, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.81</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.63</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> 671 </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Exercisable, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.79</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.62</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> 669 </td></tr></table> . The aggregate intrinsic value in the table above represents the total intrinsic value based on the Company's closing stock price of $36.38 per share as of June 30, 2024. The total intrinsic value of options exercised during the six months ended June 30, 2024 and 2023 was as follows (in thousands): . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.45%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:71.46%;background:#cceeff;margin:0pt;padding:0pt;"> Intrinsic value of options exercised </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"><p

style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 99</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;background:#cceeff;margin:0pt;padding:0pt;"> 583 </td></tr></table> Total fair value of shares vested during the six months ended June 30, 2024, was immaterial. As of June 30, 2024, the total remaining unrecognized compensation cost related to unvested stock options was immaterial. Nonvested restricted stock unit ("RSU") activities during the six months ended June 30, 2024, were as follows: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;"> Weighted </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> Shares </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;"> Average Grant </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> Shares </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;"> Date Fair Value </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Per Share </td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"> Nonvested, January 1, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;margin:0pt;padding:0pt;"> 1,995 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 30.03</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Granted</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 53</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 33.63</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Vested</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (396)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 26.99</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Forfeited</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (28)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 29.56</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Nonvested, June 30, 2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,624</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"> 30.90 </td></tr></table> <p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-

align:justify;text-indent:18pt;margin:12pt 0pt 12pt 0pt;">The weighted average grant date fair values of RSUs granted during the six months ended June 30, 2024 and 2023 were $33.63 and $37.53, respectively.</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"></p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:justify;text-indent:18pt;margin:0pt 0pt 12pt 0pt;">The total fair value of RSUs vested during the six months ended June 30, 2024 and 2023 was as follows (in thousands):</p><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;min-height:0.0pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Six Months Ended June 30,</p></td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.45%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td></tr><tr><td style="vertical-align:bottom;width:71.46%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Fair value of restricted stock units vested</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;background:#cceeff;margin:0pt;padding:0pt;"> 12,833 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;background:#cceeff;margin:0pt;padding:0pt;"> 14,933 </td></tr></table> As of June 30, 2024, there was $36.8 million of total unrecognized compensation cost related RSUs. That cost is expected to be recognized over a weighted average period of 2.2 years. RSUs do not have rights to dividends prior to vesting. 0.10 0.85 P24M 4 P6M The Company estimated the fair value of purchase rights granted under the 2021 Purchase Plan during the period using the Black-Scholes-Merton option-pricing model with the following weighted average assumptions, resulting in the following weighted average fair values: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td colspan="6" style="vertical-align:bottom;width:32.66%;border-bottom:1px solid #000000;border-top:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td><td style="vertical-align:bottom;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.38%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Expected life (in years) </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr>

<tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Volatility </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> 41.40 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> 46.70 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Risk-free interest rate </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 4.62 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 4.48 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Expected dividend </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Weighted average fair value of purchase rights granted during the period </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 10.89</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 11.90 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td colspan="6" style="vertical-align:bottom;width:32.66%;border-bottom:1px solid #000000;border-top:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td><td style="vertical-align:bottom;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.38%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Expected life (in years) </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 1.25 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Volatility </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> 41.40 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;margin:0pt;padding:0pt;"> 46.70 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Risk-free interest rate </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"> 4.62 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 4.48 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:62.53%;margin:0pt;padding:0pt;"> Expected dividend </td><td style="vertical-align:bottom;width:1.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:62.53%;background:#cceeff;margin:0pt;padding:0pt;"> Weighted average fair value of purchase rights granted during the period </td><td style="vertical-align:bottom;width:1.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:14.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 10.89</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.99%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.79%;background:#cceeff;margin:0pt;padding:0pt;"> 11.90 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.97%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr></table> P1Y3M P1Y3M 0.4140 0.4670 0.0462 0.0448 10.89 11.90 0 73854 25.94 98216 16.93 2400000 P1Y7M6D 720455 14600000 3500000 1.33 P10Y P4Y 15100000 4500000 500000 The Company estimated the fair value of share-based awards granted under the 2011 Stock Plan during the period using the Black-Scholes-Merton option-pricing model. There were no stock options granted during the three and six months ended June 30, 2024 and 2023. 0 Stock-based compensation is estimated at the grant date based on the award's fair value and is recognized on a straight-line basis over the vesting periods, generally four years. Stock-based compensation expense before taxes related to the Company's stock plan and employee stock purchase plan was allocated as follows (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-

align:center;margin:0pt 0pt 0.05pt 0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.09%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.07%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Costs of revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,185</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;background:#cceeff;margin:0pt;padding:0pt;"> 938 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,385</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;background:#cceeff;margin:0pt;padding:0pt;"> 1,902 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Research and development </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;margin:0pt;padding:0pt;"> 2,063 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;margin:0pt;padding:0pt;"> 1,619 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;margin:0pt;padding:0pt;"> 4,265 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;margin:0pt;padding:0pt;"> 3,413 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Selling, general, and 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style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 5,160 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 4,247 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Stock-based compensation expense </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td 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style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 11,810</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 9,562 </td></tr></table> P4Y <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;margin:0pt;padding:0pt;"> <p style="font-family:'Times New

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#000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.07%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.88%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.86%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Costs of revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.81%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.27%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,185</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.86%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.26%;background:#cceeff;margin:0pt;padding:0pt;"> 938 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.23%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 2,385</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.59%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.63%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.22%;background:#cceeff;margin:0pt;padding:0pt;"> 1,902 </td></tr><tr><td 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style="vertical-align:bottom;white-space:nowrap;width:30.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Outstanding Options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td 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style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Average </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Remaining </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> <span style="font-

size:11pt;font-weight:bold;visibility:hidden;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Aggregate </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> Number of </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Exercise </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Contractual </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Intrinsic </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> Options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;margin:0pt;padding:0pt;"> Price </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> Term </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;margin:0pt;padding:0pt;"> Value </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> per Share </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Years) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.67%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Outstanding, January 1, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;margin:0pt;padding:0pt;"> 38 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> 15.92 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Granted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Exercised </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;margin:0pt;padding:0pt;"> (5) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> 16.57 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Canceled </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-

align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Expired </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Outstanding, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.81</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.63</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> 671 </td></tr><tr><td style="vertical-align:bottom;width:36.17%;background:#cceeff;margin:0pt;padding:0pt;"> Vested and expected to vest, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.81</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.63</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;background:#cceeff;margin:0pt;padding:0pt;"> 671 </td></tr><tr><td style="vertical-align:bottom;width:36.17%;margin:0pt;padding:0pt;"> Exercisable, June 30, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:16.46%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.08%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 15.79</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.38%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:11pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 3.62</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:14.16%;margin:0pt;padding:0pt;"> 669 </td></tr></table> 38000 15.92 5000 16.57 33000 15.81 P3Y7M17D 671000 33000 15.81 P3Y7M17D 671000 33000 15.79 P3Y7M13D 669000 36.38 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.45%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:71.46%;background:#cceeff;margin:0pt;padding:0pt;"> Intrinsic value of options exercised </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 99</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;background:#cceeff;margin:0pt;padding:0pt;"> 583 </td></tr></table> 99000 583000 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;"> Weighted </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;">Average Grant </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"> Shares </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;margin:0pt;padding:0pt;"> Date Fair Value </td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (in thousands) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.05%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Per Share </td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"> Nonvested, January 1, 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;margin:0pt;padding:0pt;"> 1,995 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 30.03</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Granted</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 53</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 33.63</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Vested</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (396)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 26.99</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 12pt;">Forfeited</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> (28)</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 29.56</p></td></tr><tr><td style="vertical-align:bottom;width:67.12%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Nonvested, June 30, 2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,624</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.8%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.25%;background:#cceeff;margin:0pt;padding:0pt;"> 30.90 </td></tr></table> 1995000 30.03 53000 33.63 396000 26.99 28000 29.56 1624000 30.90 33.63 37.53 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> <div

style="bottom:0pt;position:absolute;width:100%;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:71.46%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.45%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.46%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:71.46%;background:#cceeff;margin:0pt;padding:0pt;"> Fair value of restricted stock units vested </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.91%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 12,833</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.41%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.53%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.93%;background:#cceeff;margin:0pt;padding:0pt;"> 14,933 </td></tr></table> 12833000 14933000 36800000 P2Y2M12D 7. INCOME TAXES Income tax expense increased by $3.7 million for the six months ended June 30, 2024, to a $0.2 million income tax expense as compared to a $3.5 million income tax benefit for the six months ended June 30, 2023. The Company's effective tax rate was 11.1% and (94.7%) for the six months ended June 30, 2024 and 2023, respectively. The Company's effective tax rate increased in the six months ended June 30, 2024, as compared to the same period in 2023, primarily due to changes in the foreign and state taxes and year-to-date recognition of worldwide pre-tax income (loss) in relation to their forecasted amounts for full years. The Company's provision for income taxes for the six months ended June 30, 2024, was primarily attributable to foreign and state taxes. The Company's total amount of unrecognized tax benefits, excluding interest, as of June 30, 2024, was $15.9 million, of which $1.8 million, if recognized, would affect the Company's effective tax rate. The Company's total amount of unrecognized tax benefits, excluding interest, as of December 31, 2023, was $15.9 million, of which $2.0 million, if recognized, would affect the Company's effective tax rate. As of June 30, 2024, the Company has recorded unrecognized tax benefits of $2.3 million, including interest of $0.5 million, as long-term taxes payable in the accompanying condensed consolidated balance sheet. The remaining $14.1 million has been recorded within the Company's DTAs, which is subject to a full valuation allowance. The valuation allowance was approximately $64.2 million as of June 30, 2024, and December 31, 2023, which was related to U.S. net federal and state DTAs. The worldwide net DTAs balance as of June 30, 2024, and December 31, 2023, were not significant. The Company conducts business globally and, as a result, files numerous consolidated and separate income tax returns in the U.S. federal and various state and foreign jurisdictions. For U.S. federal and California income tax purposes, the statute of limitations currently remains open for the tax years ended 2020 to present and 2019 to present, respectively. In addition, due to net operating loss carryback claims, the tax years 2013 through 2015 may be subject to federal examination and all of the net operating loss and research and development credit carryforwards that may be utilized in future years may be subject to federal and state examination. The Company is not currently under income tax examinations in any other of its major foreign subsidiaries' jurisdictions. 3700000 200000 -3500000 0.111 -0.947 15900000 1800000 15900000 2000000.0 2300000 500000 14100000 64200000 64200000 8. NET INCOME PER SHARE Basic net income per share is computed by dividing net income by the weighted average number of common shares outstanding for the period (excluding outstanding stock options, nonvested restricted stock units and shares subject to repurchase). Diluted net income per share is computed using the weighted average number of common shares outstanding for the period plus the potential effect of dilutive securities which are convertible into common shares (using the treasury stock method), except in cases in which the effect would be anti-dilutive. The following is a reconciliation of the numerators and denominators used in computing basic and diluted net income per share (in thousands except per share amount): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid

#000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.63%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Numerator: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Net income </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,705</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 6,835 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,312</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 7,190 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Denominator: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Basic weighted average shares outstanding </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> 38,619 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> 37,859 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> 38,456 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> 37,799 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Effect of dilutive stock options, unvested restricted stock units, and shares of common stock expected to be issued under employee stock purchase plan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 513 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;">

</td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,217 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 533 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,169 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Diluted weighted average shares outstanding </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 39,132 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 39,076 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 38,989 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 38,968 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Net income per share: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Basic </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.04</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.18 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.03</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.19 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Diluted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.04 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt

0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.17</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.03 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.18 </td></tr></table> The following table sets forth the potential shares of common stock that were not included in the diluted net income per share calculation above because to do so would be anti-dilutive for the periods indicated (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="3" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="3" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Outstanding options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;background:#cceeff;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Non-vested restricted stock units </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;margin:0pt;padding:0pt;"> 556 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;margin:0pt;padding:0pt;"> 12 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;margin:0pt;padding:0pt;"> 571 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;margin:0pt;padding:0pt;"> 10 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Employee Stock Purchase Plan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';serif;font-size:10pt;text-

align:right;margin:0pt 3.5pt 0pt 0pt;"> 556 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 12 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 571 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 10 </td></tr></table> Basic net income per share is computed by dividing net income by the weighted average number of common shares outstanding for the period (excluding outstanding stock options, nonvested restricted stock units and shares subject to repurchase). Diluted net income per share is computed using the weighted average number of common shares outstanding for the period plus the potential effect of dilutive securities which are convertible into common shares (using the treasury stock method), except in cases in which the effect would be anti-dilutive. <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.63%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Numerator: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Net income </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 1,705</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 6,835 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 1,312 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt

0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 7,190 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Denominator: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Basic weighted average shares outstanding </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> 38,619 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> 37,859 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> 38,456 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> 37,799 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Effect of dilutive stock options, unvested restricted stock units, and shares of common stock expected to be issued under employee stock purchase plan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 513 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,217 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 533 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,169 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Diluted weighted average shares outstanding </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 39,132 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 39,076 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 38,989 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 38,968 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-

space:nowrap;width:10.33%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Net income per share: </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Basic </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.04</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.18 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.03</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.19 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Diluted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.69%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:12.03%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.04</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.67%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.68%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.94%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.17 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:10.09%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 0.03</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.6%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:10.33%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 0.18 </td></tr></table> 1705000 6835000 1312000 7190000 38619000 37859000 38456000 37799000 513000 1217000 533000 1169000 39132000 39076000 38968000 0.04 0.18 0.03 0.19 0.04 0.17 0.03 0.18 <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="3" style="vertical-align:bottom;white-space:nowrap;width:29.02%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="3" style="vertical-align:bottom;white-space:nowrap;width:26.33%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> <span style="font-

size:11pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Outstanding options </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;background:#cceeff;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;background:#cceeff;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Non-vested restricted stock units </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;margin:0pt;padding:0pt;"> 556 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;margin:0pt;padding:0pt;"> 12 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;margin:0pt;padding:0pt;"> 571 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;margin:0pt;padding:0pt;"> 10 </td></tr><tr><td style="vertical-align:bottom;width:40.22%;background:#cceeff;margin:0pt;padding:0pt;"> Employee Stock Purchase Plan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;background:#cceeff;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:40.22%;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.84%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 556 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.83%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 12 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.64%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 571 </td><td style="vertical-align:bottom;white-space:nowrap;width:3.04%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.63%;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 10 </td></tr></table>   556000 12000 571000 10000 556000 12000 571000 10000 9. CUSTOMER AND GEOGRAPHIC INFORMATION Operating segments are defined as components of an enterprise about which separate financial information is available that is evaluated regularly by the chief operating decision maker, or group, in deciding how to allocate resources and in assessing performance. The Company's chief operating decision maker, the chief executive officer, reviews discrete financial information presented on a consolidated basis for purposes of regularly making operating decisions, allocation of resources, and assessing financial performance. Accordingly, the Company considers itself to be in one operating and reporting segment, specifically the provision of services for differentiated data and analytics solutions to the semiconductor and electronics industries. Revenues from an individual customer that are approximately 10% or more of the Company's consolidated total revenues are as follows: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:middle;white-space:nowrap;width:29.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended

June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.06%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Customer </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.06%;background:#cceeff;margin:0pt;padding:0pt;"> A </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;background:#cceeff;margin:0pt;padding:0pt;"> 24 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;background:#cceeff;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;background:#cceeff;margin:0pt;padding:0pt;"> 23 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;background:#cceeff;margin:0pt;padding:0pt;"> 36 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> B </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> 14 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> % </td></tr></table> * represents less than 10% Gross accounts receivable balances (including amounts that are unbilled) from individual customers that are approximately 10% or more of the Company's gross accounts receivable balance are as follows: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:middle;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:middle;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:middle;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:middle;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:63.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Customer </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:63.98%;background:#cceeff;margin:0pt;padding:0pt;"> A </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;background:#cceeff;margin:0pt;padding:0pt;"> 27 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-

space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;background:#cceeff;margin:0pt;padding:0pt;"> 39 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> E </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> 17 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;background:#cceeff;margin:0pt;padding:0pt;"> C </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;background:#cceeff;margin:0pt;padding:0pt;"> 14 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;background:#cceeff;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> D </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> 11 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> % </td></tr></table> * represents less than 10% Revenues from customers by geographic area based on the location of the customers' work sites are as follows (amounts in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="10" style="vertical-align:bottom;white-space:nowrap;width:49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> <b style="font-

size:11pt;font-weight:bold;">Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> United States </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 19,223</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 46</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 22,339 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 54 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> Japan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> 7,932 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 19 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> 2,593 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 6 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> China </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 7,000 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 17 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 7,421 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 18 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 9,248 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 22 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> Total revenue </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 41,661 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 41,601</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 100</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;">%</p></td></tr></table><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"></p><table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><div style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"><div style="bottom:0pt;position:absolute;width:100%;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></div></div></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="10" style="vertical-align:bottom;white-space:nowrap;width:49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Six Months Ended June 30,</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2024</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">2023</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Percentage</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Percentage</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Revenues</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">of Revenues</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">Revenues</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;"><b style="font-size:11pt;font-weight:bold;">of Revenues</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">United States</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 36,956 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 45 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;">

% </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 45,613</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 55</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Japan</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 19,220</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 23</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 4,870</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 6</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">China</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 11,853</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 14</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 14,378</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 18</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Rest of the world</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 14,942</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 18</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 17,499</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 21</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">Total revenue</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 82,971 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 82,360 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr></table> . Long-lived assets, net by geographic area are as follows (in thousands): . <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;margin:0pt;padding:0pt;"><div

style="height:1pt;overflow:hidden;overflow-wrap:break-word;position:relative;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;background:#cceeff;margin:0pt;padding:0pt;"> United States (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 50,828</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;margin:0pt;padding:0pt;"> 45,619 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> Rest of the world </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,615 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,362 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;background:#cceeff;margin:0pt;padding:0pt;"> Total long-lived assets, net </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 52,443</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 46,981 </td></tr></table> (1) Includes assets deployed at customer sites which could be outside the U.S. 1 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:middle;white-space:nowrap;width:29.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td colspan="5" style="vertical-align:bottom;white-space:nowrap;width:26.72%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td></tr><tr><td style="vertical-align:bottom;width:40.06%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Customer </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:40.06%;background:#cceeff;margin:0pt;padding:0pt;"> A </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;background:#cceeff;margin:0pt;padding:0pt;"> 24 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;background:#cceeff;margin:0pt;padding:0pt;"> 33 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;background:#cceeff;margin:0pt;padding:0pt;"> 23 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;background:#cceeff;margin:0pt;padding:0pt;"> 36 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:40.06%;margin:0pt;padding:0pt;"> B </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.16%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.89%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.15%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> 14 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.7%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.7%;margin:0pt;padding:0pt;"> % </td></tr></table> * represents less than 10% Gross accounts receivable balances (including amounts that are unbilled) from individual customers that are approximately 10% or more of the Company's gross accounts receivable balance are as follows: <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:middle;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:middle;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:middle;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:middle;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:63.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Customer </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:63.98%;background:#cceeff;margin:0pt;padding:0pt;"> A </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;background:#cceeff;margin:0pt;padding:0pt;"> 27 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;background:#cceeff;margin:0pt;padding:0pt;"> 39 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> E </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> 17 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt

3.5pt 0.05pt 0pt;">* </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;background:#cceeff;margin:0pt;padding:0pt;"> C </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;background:#cceeff;margin:0pt;padding:0pt;"> 14 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;background:#cceeff;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:63.98%;margin:0pt;padding:0pt;"> D </td><td style="vertical-align:bottom;white-space:nowrap;width:2.82%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:12.35%;margin:0pt;padding:0pt;"> * </td><td style="vertical-align:bottom;white-space:nowrap;width:2.94%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:1.65%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> 11 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.83%;margin:0pt;padding:0pt;"> % </td></tr></table> * represents less than 10% 0.24 0.33 0.23 0.36 0.14 0.27 0.39 0.17 0.14 0.11 <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="10" style="vertical-align:bottom;white-space:nowrap;width:49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Three Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> <span style="font-

size:11pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> United States </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 19,223</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 46</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 22,339 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 54 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> Japan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> 7,932 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 19 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> 2,593 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 6 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> China </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 7,000 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 17 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 7,421 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 18 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> Rest of the world </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 7,506 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 18 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 9,248 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 22 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> Total revenue </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 41,661</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 100</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 41,601 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> <p style="font-family:'Times New

Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="10" style="vertical-align:bottom;white-space:nowrap;width:49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Six Months Ended June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="4" style="vertical-align:bottom;white-space:nowrap;width:22.47%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Percentage </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:8.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> of Revenues </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;">   </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> United States </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">36,956</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">45</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 45,613 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;">   </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 55 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> Japan </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times';font-size:10pt;text-align:right;margin:0pt

3.5pt 0.05pt 0pt;"> 19,220 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 23 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;margin:0pt;padding:0pt;"> 4,870 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> 6 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> China </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 11,853 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 14 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;margin:0pt;padding:0pt;"> 14,378 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;margin:0pt;padding:0pt;"> 18 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;margin:0pt;padding:0pt;"> Rest of the world </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 14,942 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 18 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 17,499 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 21 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;margin:0pt;padding:0pt;"> % </td></tr><tr><td style="vertical-align:bottom;width:46.94%;background:#cceeff;margin:0pt;padding:0pt;"> Total revenue </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 82,971</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 100</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">%</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.39%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:7.55%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 82,360 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.32%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 100 </td><td style="vertical-align:bottom;white-space:nowrap;width:1.84%;background:#cceeff;margin:0pt;padding:0pt;"> % </td></tr></table> 19223000 0.46 22339000 0.54 7932000 0.19 2593000 0.06 7000000 0.17 7421000 0.18 7506000 0.18 9248000 0.22 41661000 1 41601000 1 36956000 0.45 45613000 0.55 19220000 0.23 4870000 0.06 11853000 0.14 14378000 0.18 14942000 0.18 17499000 0.21 82971000 1 82360000 1 <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;margin:0pt;padding:0pt;"> December 31, </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-

space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:15.12%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;background:#cceeff;margin:0pt;padding:0pt;"> United States (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 50,828</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;margin:0pt;padding:0pt;"> 45,619 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;margin:0pt;padding:0pt;"> Rest of the world </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,615 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 1,362 </td></tr><tr><td style="vertical-align:bottom;width:63.83%;background:#cceeff;margin:0pt;padding:0pt;"> Total long-lived assets, net </td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0pt 0pt;"> 52,443</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.95%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.92%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.2%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 46,981 </td></tr></table> (1) Includes assets deployed at customer sites which could be outside the U.S. 50828000 45619000 1615000 1362000 52443000 46981000 10. FAIR VALUE MEASUREMENTS Fair value is the exit price, or the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The multiple assumptions used to value financial instruments are referred to as inputs, and a hierarchy for inputs used in measuring fair value is established, that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs reflect assumptions market participants would use in pricing an asset or liability based on market data obtained from independent sources while unobservable inputs reflect a reporting entity's pricing based upon its own market assumptions. These inputs are ranked according to a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 1 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are quoted prices in active markets for identical assets or liabilities. </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 2 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable and market-corroborated inputs which are derived principally from or corroborated by observable market data. </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 3 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are derived from valuation techniques in which one or more significant inputs or value drivers are unobservable. </td></tr></table> The following table represents the Company's assets measured at fair value on a recurring basis as of June 30, 2024, and December 31, 2023, and the basis for those measurements (in thousands): <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> . </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:44.61%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="11" style="vertical-align:bottom;white-space:nowrap;width:53.18%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Fair Value Measurements Using </td></tr><tr><td

style="vertical-align:bottom;white-space:nowrap;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Quoted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Prices in </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Active </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Significant </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Markets for </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Other </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Identical </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Observable </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;margin:0pt;padding:0pt;"> Significant </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:9.51%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"><p style="font-family:'Times New

Roman','Times','serif';font-size:10pt;text-align:center;margin:0pt 0pt 0.05pt 0pt;">Inputs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;margin:0pt;padding:0pt;"> Unobservable </td></tr><tr><td style="vertical-align:bottom;width:44.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:9.51%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Inputs (Level 3) </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Cash equivalents </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> Money market mutual funds </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 75,459</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;margin:0pt;padding:0pt;"> 75,459 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">—</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Short-term investments (available-for-sale debt securities) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> U.S. Government securities (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 25,888 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 25,888 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 101,347 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;">

</td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 101,347</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> — </td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="11" style="vertical-align:bottom;white-space:nowrap;width:55.1%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Fair Value Measurements Using </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Quoted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Prices in </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Active </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Significant </td><td style="vertical-

align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Markets for </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Other </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Significant </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Identical </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Observable </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Unobservable </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Inputs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Inputs </td></tr><tr><td style="vertical-align:bottom;width:42.69%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 3) </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Cash equivalents </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> Money market mutual funds </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 83,810</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;margin:0pt;padding:0pt;"> 83,810 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> </p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-

space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Short-term investments (available-for-sale debt securities) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> U.S. Government securities (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 36,544 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 36,544 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 120,354</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 120,354 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> —</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">.</p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> — </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times',serif;font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times',serif;font-size:11pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">As of June 30, 2024, and December 31, 2023, the amortized cost of the Company's investments in U.S. Government securities approximated their fair value due to their short-term maturities, and there have been no events or changes in circumstances that would have had a significant effect on the fair value of these securities in the periods presented. For the three and six months ended June 30, 2024, there were no material realized or unrealized gains or losses, either individually or in the aggregate.</td></tr></table> Fair value is the exit price, or the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The multiple assumptions used to value financial instruments are referred to as inputs, and a hierarchy for inputs used in measuring fair value is established, that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs reflect assumptions market participants would use in pricing an asset or liability based on market data obtained from independent sources while unobservable inputs reflect a reporting entity's pricing based upon its own market assumptions. These inputs are ranked according to a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. <table style="border-collapse:collapse;font-size:16pt;height:max-content;margin-left:auto;margin-right:auto;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 1 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are quoted prices in active markets for identical assets or liabilities. </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 2 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable and market-corroborated inputs which are derived principally from or corroborated by observable market data. </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> </td></tr><tr><td style="vertical-align:top;width:8.34%;margin:0pt;padding:0.25pt;"> Level 3 - </td><td style="vertical-align:top;width:91.65%;margin:0pt;padding:0.25pt;"> Inputs are derived from valuation techniques in which one or more significant inputs or value drivers are unobservable. </td></tr></table> . <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> . </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> <span style="font-

size:1pt;visibility:hidden;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="11" style="vertical-align:bottom;white-space:nowrap;width:53.18%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Fair Value Measurements Using </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Quoted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Prices in </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Active </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Significant </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Markets for </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Other </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-

space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Identical </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Observable </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;margin:0pt;padding:0pt;"> Significant </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:9.51%;margin:0pt;padding:0pt;"> June 30, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Inputs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;margin:0pt;padding:0pt;"> Unobservable </td></tr><tr><td style="vertical-align:bottom;width:44.61%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:9.51%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2024 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:14.94%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Inputs (Level 3) </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Cash equivalents </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> Money market mutual funds </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 75,459</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;margin:0pt;padding:0pt;"> 75,459 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;">—</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Short-term investments (available-for-sale debt securities) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;background:#cceeff;margin:0pt;padding:0pt;"><p

style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:44.61%;margin:0pt;padding:0pt;"> U.S. Government securities (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 25,888 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 25,888 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:44.61%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.1%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:8.41%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 101,347</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.58%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.74%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 101,347 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.51%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.26%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> —</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.87%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times',serif;font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:13.07%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> — </td></tr></table> <table style="border-collapse:collapse;font-size:16pt;height:max-content;padding-left:0pt;padding-right:0pt;width:100%;"><tr style="height:1pt;"><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="11" style="vertical-align:bottom;white-space:nowrap;width:55.1%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Fair Value Measurements Using </td></tr><tr><td style="vertical-align:bottom;white-space:nowrap;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Quoted </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td

style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Prices in </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Active </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Significant </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Markets for </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Other </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Significant </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Identical </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Observable </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Unobservable </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;margin:0pt;padding:0pt;"> December 31, </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;margin:0pt;padding:0pt;"> Inputs </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;margin:0pt;padding:0pt;"> Inputs </td></tr><tr><td style="vertical-align:bottom;width:42.69%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> Assets </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:13.4%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 2023 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:11.32%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:10.77%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 2) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td colspan="2" style="vertical-align:bottom;white-space:nowrap;width:12.98%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> (Level 3) </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Cash equivalents </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;margin:0pt;padding:0pt;"><p

style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 0pt 0.05pt 0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> Money market mutual funds </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 83,810</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;margin:0pt;padding:0pt;"> 83,810 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> —</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Short-term investments (available-for-sale debt securities) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;margin:0pt;padding:0pt;"> </td></tr><tr><td style="vertical-align:bottom;width:42.69%;margin:0pt;padding:0pt;"> U.S. Government securities (1) </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 36,544 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> 36,544 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;border-bottom:1px solid #000000;margin:0pt;padding:0pt;"> — </td></tr><tr><td style="vertical-align:bottom;width:42.69%;background:#cceeff;margin:0pt;padding:0pt;"> Total </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.85%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:11.54%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> 120,354</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.57%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:9.75%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> 120,354 </td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"> </td><td style="vertical-align:bottom;white-space:nowrap;width:1.49%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> $</p></td><td style="vertical-align:bottom;white-space:nowrap;width:9.28%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;text-align:right;margin:0pt 3.5pt 0.05pt 0pt;"> —</p></td><td style="vertical-align:bottom;white-space:nowrap;width:2.2%;background:#cceeff;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"></p></td><td style="vertical-align:bottom;white-space:nowrap;width:1.79%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"><p style="font-family:'Times New Roman','Times','serif';font-size:10pt;margin:0pt 0pt 0.05pt 0pt;"><span style="font-size:11pt;">$ </td><td style="vertical-align:bottom;white-space:nowrap;width:11.18%;background:#cceeff;border-bottom:3px double #000000;margin:0pt;padding:0pt;"> — </td></tr></table> <table style="border-collapse:collapse;font-family:'Times New Roman','Times','serif';font-size:10pt;margin-bottom:0pt;margin-top:0pt;table-layout:fixed;text-align:justify;width:100%;border:0pt;"><tr><td style="width:18pt;"></td><td style="font-family:'Times New Roman','Times','serif';font-size:10pt;vertical-align:text-top;white-space:nowrap;width:18pt;padding:0pt;">(1)</td><td style="padding:0pt;">As of June 30, 2024, and December 31, 2023, the amortized cost of the Company's investments in U.S. Government securities approximated their fair value due to their short-term maturities, and there have been no events or changes in circumstances that would have had a significant effect on the fair value of these securities in the periods presented. For the three and six months ended June 30, 2024, there were no material realized or unrealized gains or losses, either individually or in the aggregate.</td></tr></table> 75459000 75459000 25888000 25888000 101347000 101347000 83810000 83810000 36544000 36544000 120354000 120354000 11. COMMITMENTS AND CONTINGENCIES Strategic Partnership with Advantest — See Note 12, Strategic Partnership Agreement with Advantest and Related Party Transactions, for the discussion about the Company's commitments under the strategic partnership with Advantest. <p style="font-family:'Times New

Roman','Times','serif';font-size:10pt;text-align:justify;text-indent:18pt;margin:0pt 0pt 12pt 0pt;">Operating Leases — Refer to Note 4, Leases, for the discussion about the Company's lease commitments. Indemnifications — The Company generally provides a warranty to its customers that its software will perform substantially in accordance with documented specifications typically for a period of 90 days following initial delivery of its products. The Company also indemnifies certain customers from third-party claims of intellectual property infringement relating to the use of its products. Historically, costs related to these guarantees have not been significant. The Company is unable to estimate the maximum potential impact of these guarantees on its future results of operations. Purchase Obligations — The Company has purchase obligations with certain suppliers for the purchase of goods and services entered into in the ordinary course of business. As of June 30, 2024, total outstanding purchase obligations were $24.5 million, the majority of which is due within the next 12 months. Indemnification of Officers and Directors — As permitted by the Delaware general corporation law, the Company has included a provision in its certificate of incorporation to eliminate the personal liability of its officers and directors for monetary damages for breach or alleged breach of their fiduciary duties as officers or directors, other than in cases of fraud or other willful misconduct. In addition, the Bylaws of the Company provide that the Company is required to indemnify its officers and directors even when indemnification would otherwise be discretionary, and the Company is required to advance expenses to its officers and directors as incurred in connection with proceedings against them for which they may be indemnified. The Company has entered into indemnification agreements with its officers and directors containing provisions that are in some respects broader than the specific indemnification provisions contained in the Delaware general corporation law. The indemnification agreements require the Company to indemnify its officers and directors against liabilities that may arise by reason of their status or service as officers and directors other than for liabilities arising from willful misconduct of a culpable nature, to advance their expenses incurred as a result of any proceeding against them as to which they could be indemnified, and to obtain directors' and officers' insurance if available on reasonable terms. The Company has obtained directors' and officers' liability insurance in amounts comparable to other companies of the Company's size and in the Company's industry. Since a maximum obligation of the Company is not explicitly stated in the Company's Bylaws or in its indemnification agreements and will depend on the facts and circumstances that arise out of any future claims, the overall maximum amount of the obligations cannot be reasonably estimated. Legal Proceedings — From time to time, the Company is subject to various claims and legal proceedings that arise in the ordinary course of business. The Company accrues for losses related to litigation when a potential loss is probable, and the loss can be reasonably estimated in accordance with FASB requirements. As of June 30, 2024, the Company was not party to any material legal proceedings for which a loss was probable or an amount was accrued. From time to time, the Company may enter into contingent fee arrangements with external legal firms that may represent the Company in legal proceedings related to disputes. Contingent legal fees are accrued by the Company when they are probable and reasonably estimable. On May 6, 2020, the Company initiated an arbitration proceeding with the Hong Kong International Arbitration Center against SMIC New Technology Research & Development (Shanghai) Corporation ("SMIC") due to SMIC's failure to pay fees due to the Company under a series of contracts. The Company seeks to recover the unpaid fees, a declaration requiring SMIC to pay fees under the contracts in the future (or a lump sum payment to end the contract), and costs associated with bringing the arbitration proceeding. SMIC denies liability and an arbitration hearing was held in February 2023. Final written submissions were submitted by the parties at the end of August 2023 and the parties submitted answers to the Tribunal's final questions on August 2, 2024. A decision is expected this year. 0 P90D 24500000 P12M 12. STRATEGIC PARTNERSHIP AGREEMENT WITH ADVANTEST AND RELATED PARTY TRANSACTIONS In July 2020, the Company entered into a long-term strategic partnership with Advantest Corporation through its wholly-owned subsidiary, Advantest America, Inc. (collectively referred to herein as "Advantest"), which includes: (i) a Securities Purchase Agreement wherein the Company issued and sold to Advantest America, Inc., an aggregate of 3,306,924 shares of its common stock, for aggregate gross proceeds of $65.2 million; (ii) a significant agreement for its assistance in development of cloud-based applications for Advantest tools that leverages our Exensio analytics software; (iii) a commercial agreement providing for the license to third parties of solutions that result from the development work that combine Advantest's testing applications and our Exensio platform; and (iv) a 5-year cloud-based subscription for Exensio analytics software and related services. Analytics revenue recognized from Advantest was $3.0 million and $1.8 million during the three months ended June 30, 2024 and 2023, respectively, and $5.9 million and $3.6 million during the six months ended June 30, 2024 and 2023, respectively. Accounts receivable from Advantest were $10.5 million as of June 30, 2024. Accounts receivable from Advantest were not material as of December 31, 2023. Deferred revenue amounted to $14.5 million and $9.4 million as of June 30, 2024, and December 31, 2023, respectively. 3306924 65200000 P5Y 3000000.0 1800000 5900000 3600000 10500000 14500000 9400000 false false false false