

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT
OF 1934

For the quarterly period ended September 30, 2023

Or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE
ACT OF 1934

For the transition period from _____ to _____
Commission file number: 001-41252

T Stamp Inc. (D/B/A Trust Stamp)

(Exact name of registrant as specified in its charter)

**3017 Bolling Way NE, Floor 2,
Atlanta, Georgia**

(Address of principal executive offices)

30305

(Zip Code)

(404) 806-9906

(Registrant's telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last report)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A Common Stock, \$0.01 par value per share	IDAI	The NASDAQ Stock Market LLC

Indicate by check mark whether the registrant (1) has filed 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 the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (\$232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

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 definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/> Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/> Smaller reporting company	<input type="checkbox"/>
	Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate 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 Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of November 6, 2023, there were 8,265,516 shares of Class A Common Stock, par value \$0.01 per share, of the registrant outstanding.

T STAMP INC.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

T STAMP INC.
CONDENSED CONSOLIDATED BALANCE SHEETS

	<u>September 30, 2023</u>	<u>December 31, 2022</u>		
	(unaudited)			
ASSETS				
Current Assets:				
Cash and cash equivalents	\$ 3,182,503	\$ 1,254,494		
Accounts receivable, net (includes unbilled receivables of \$21,319 and \$109,475 as of September 30, 2023 and December 31, 2022, respectively)	541,246	1,008,375		
Related party receivables	31,050	31,446		
Prepaid expenses and other current assets	545,201	580,086		
Total Current Assets	<u>4,300,000</u>	<u>2,874,401</u>		
Capitalized internal-use software, net	1,461,601	1,418,672		
Goodwill	1,248,664	1,248,664		
Intangible assets, net	214,698	251,686		
Property and equipment, net	60,549	300,664		
Operating lease right-of-use assets	164,854	315,765		
Other assets	22,508	2,066		
Total Assets	<u>\$ 7,472,874</u>	<u>\$ 6,411,918</u>		
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current Liabilities:				
Accounts payable	\$ 686,786	\$ 945,162		
Related party payables	127,902	273,176		
Accrued expenses	861,393	1,099,824		
Deferred revenue	87,478	1,811,680		
Income tax payable	15,460	21,076		
Short-term operating lease liabilities	108,583	177,795		
Short-term financial liabilities	162,130	118,860		
Total Current Liabilities	<u>2,049,732</u>	<u>4,447,573</u>		
Warrant liabilities	258,096	261,569		
Notes payable, plus accrued interest of \$28,958 and \$16,458, on September 30, 2023 and December 31, 2022, respectively	903,832	886,465		
Long-term operating lease liabilities	31,785	102,407		
Long-term financial liabilities	—	88,760		
Total Liabilities	<u>3,243,445</u>	<u>5,786,774</u>		
Commitments, Note 10				
Stockholders' Equity:				
Common stock \$0.01 par value, 50,000,000 shares authorized, 8,259,065 and 4,910,815 shares issued, and 8,244,492 and 4,854,302 outstanding at September 30, 2023 and December 31, 2022, respectively	82,445	48,543		
Treasury stock, at cost: 14,573 and 56,513 shares held as of September 30, 2023 and December 31, 2022, respectively	—	—		
Additional paid-in capital	47,831,841	39,496,183		
Stockholders' notes receivable	—	(18,547)		
Accumulated other comprehensive income	206,410	237,252		
Accumulated deficit	(44,052,706)	(39,299,726)		
Total T Stamp Inc. Stockholders' Equity	<u>4,067,990</u>	<u>463,705</u>		
Non-controlling interest	161,439	161,439		
Total Stockholders' Equity	<u>4,229,429</u>	<u>625,144</u>		
Total Liabilities and Stockholders' Equity	<u>\$ 7,472,874</u>	<u>\$ 6,411,918</u>		

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(unaudited)

	For the three months ended		For the nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Net revenue	\$ 3,065,804	\$ 1,348,478	\$ 3,985,242	\$ 4,877,809
Operating Expenses:				
Cost of services (exclusive of depreciation and amortization shown separately below)	239,313	529,023	660,199	1,571,166
Research and development	605,196	777,800	1,811,962	1,766,164
Selling, general, and administrative	2,053,524	3,281,661	5,900,715	9,014,894
Depreciation and amortization	189,655	203,106	596,109	547,737
Total Operating Expenses	3,087,688	4,791,590	8,968,985	12,899,961
Operating Loss	(21,884)	(3,443,112)	(4,983,743)	(8,022,152)
Non-Operating Income (Expense):				
Interest expense, net	(9,759)	(2,889)	(29,753)	(9,202)
Change in fair value of warrant liability	(2,142)	11,307	3,473	88,367
Impairment of digital assets	—	(1,260)	—	(25,144)
Other income	—	3,546	261,217	16,160
Other expense	(1,377)	(7,484)	(4,174)	(102,269)
Total Other Income (Expense), Net	(13,278)	3,220	230,763	(32,088)
Net Loss before Taxes	(35,162)	(3,439,892)	(4,752,980)	(8,054,240)
Income tax expense	—	—	—	—
Net loss including non-controlling interest	(35,162)	(3,439,892)	(4,752,980)	(8,054,240)
Net loss attributable to non-controlling interest	—	—	—	—
Net loss attributable to T Stamp Inc.	\$ (35,162)	\$ (3,439,892)	\$ (4,752,980)	\$ (8,054,240)
Basic and diluted net loss per share attributable to T Stamp Inc.	\$ (0.00)	\$ (0.75)	\$ (0.71)	\$ (1.75)
Weighted-average shares used to compute basic and diluted net loss per share	8,155,617	4,693,465	6,658,205	4,632,683

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS
(unaudited)

	For the three months ended		For the nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Net loss including non-controlling interest	\$ (35,162)	\$ (3,439,892)	\$ (4,752,980)	\$ (8,054,240)
Other Comprehensive Income (Loss):				
Foreign currency translation adjustments	18,204	(53,715)	(30,842)	(25,791)
Total Other Comprehensive Income (Loss)	<u>18,204</u>	<u>(53,715)</u>	<u>(30,842)</u>	<u>(25,791)</u>
Comprehensive loss	(16,958)	(3,493,607)	(4,783,822)	(8,080,031)
Comprehensive loss attributable to non-controlling interest	—	—	—	—
Comprehensive loss attributable to T Stamp Inc.	<u>\$ (16,958)</u>	<u>\$ (3,493,607)</u>	<u>\$ (4,783,822)</u>	<u>\$ (8,080,031)</u>

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(uaudited)

FOR THE THREE MONTHS ENDED SEPTEMBER 30, 2023 AND 2022

	Common Stock		Additional Paid-In Capital	Treasury Stock		Stockholders' Notes Receivable	Accumulated		Non- controlling		Total
	Shares	Amount		Shares	Amount		Other	Comprehensive	Accumulated	Deficit	
							Income				
Balance, June 30, 2022	4,657,147	\$ 46,571	\$ 36,426,891	56,513	\$ —	\$ (74,407)	\$ 211,824	\$ (31,822,534)	\$ 161,439	\$ 4,949,784	
Exercise of options to common stock	933	9	6,491	—	—	—	—	—	—	—	6,500
Issuance of common stock	194,750	1,948	802,404	—	—	—	—	—	—	—	804,352
Issuance of common stock warrants	—	—	611,452	—	—	—	—	—	—	—	611,452
Repayment of shareholders loan through in-kind											
Services	—	—	—	—	—	27,930	—	—	—	—	27,930
Stock-based compensation	—	—	850,801	—	—	—	—	—	—	—	850,801
Currency translation adjustment	—	—	—	—	—	—	(53,715)	—	—	—	(53,715)
Net loss attributable to T Stamp Inc.	—	—	—	—	—	—	—	(3,439,892)	—	—	(3,439,892)
Balance, September 30, 2022	4,852,830	\$ 48,528	\$ 38,698,039	56,513	\$ —	\$ (46,477)	\$ 158,109	\$ (35,262,426)	\$ 161,439	\$ 3,757,212	

	Common Stock		Additional Paid-In Capital	Treasury Stock		Stockholders' Notes Receivable	Accumulated		Non- controlling		Total
	Shares	Amount		Shares	Amount		Other	Comprehensive	Accumulated	Deficit	
							Income				
Balance, June 30, 2023	7,972,244	\$ 79,722	\$ 47,067,377	16,821	\$ —	\$ —	\$ 188,206	\$ (44,017,544)	\$ 161,439	\$ 3,479,200	
Exercise of warrants to common stock	270,000	2,700	618,300	—	—	—	—	—	—	—	621,000
Issuance of common stock in relation to vested restricted stock units, to wholly owned subsidiary	2,248	23	(1,875)	(2,248)	—	—	—	—	—	—	(1,852)
Stock-based compensation	—	—	148,039	—	—	—	—	—	—	—	148,039
Currency translation adjustment	—	—	—	—	—	—	18,204	—	—	—	18,204
Net loss attributable to T Stamp Inc.	—	—	—	—	—	—	—	(35,162)	—	—	(35,162)
Balance, September 30, 2023	8,244,492	\$ 82,445	\$ 47,831,841	14,573	\$ —	\$ —	\$ 206,410	\$ (44,052,706)	\$ 161,439	\$ 4,229,429	

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(unaudited)

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2023 AND 2022

	Common Stock		Treasury Stock		Accumulated					
			Additional		Stockholders'		Other		Non-	
	Shares	Amount	Paid-In Capital	Shares	Amount	Notes Receivable	Comprehensive Income	Accumulated Deficit	controlling Interest	Total
Balance, January 1, 2022	4,095,029	\$ 40,950	\$ 31,985,880	56,513	\$ —	\$ (130,267)	\$ 183,900	\$ (27,208,186)	\$ 161,439	\$ 5,033,716
Exercise of warrants to common stock	490,490	4,905	3,378,857	—	—	—	—	—	—	3,383,762
Exercise of options to common stock	13,004	130	77,962	—	—	—	—	—	—	78,092
Issuance of common stock	210,836	2,108	1,005,682	—	—	—	—	—	—	1,007,790
Issuance of common stock warrants	—	—	667,290	—	—	—	—	—	—	667,290
Issuance of common stock in relation to vested restricted stock units, net of shares forfeited to satisfy taxes	43,471	435	(15,865)	—	—	—	—	—	—	(15,430)
Repayment of shareholders loan through in-kind services	—	—	—	—	—	83,790	—	—	—	83,790
Stock-based compensation	—	—	1,598,233	—	—	—	—	—	—	1,598,233
Currency translation adjustment	—	—	—	—	—	—	(25,791)	—	—	(25,791)
Net loss attributable to T Stamp Inc.	—	—	—	—	—	—	—	(8,054,240)	—	(8,054,240)
Balance, September 30, 2022	4,852,830	\$ 48,528	\$ 38,698,039	56,513	\$ —	\$ (46,477)	\$ 158,109	\$ (35,262,426)	\$ 161,439	\$ 3,757,212

	Common Stock		Treasury Stock		Accumulated					
			Additional		Stockholders'		Other		Non-	
	Shares	Amount	Paid-In Capital	Shares	Amount	Notes Receivable	Comprehensive Income	Accumulated Deficit	controlling Interest	Total
Balance, January 1, 2023	4,854,302	\$ 48,543	\$ 39,496,183	56,513	\$ —	\$ (18,547)	\$ 237,252	\$ (39,299,726)	\$ 161,439	\$ 625,144
Exercise of warrants to common stock	1,823,250	18,233	604,321	—	—	—	—	—	—	622,554
Exercise of options to common stock	1,740	17	1,983	—	—	—	—	—	—	2,000
Issuance of common stock, prefunded warrants, and common stock warrants, net of fees	1,312,468	13,124	7,451,188	—	—	—	—	—	—	7,464,312
Issuance of common stock in relation to vested restricted stock units, to wholly owned subsidiary	247,973	2,480	(27,136)	(41,940)	—	—	—	—	—	(24,656)
Reverse stock split rounding	4,759	48	(48)	—	—	—	—	—	—	—
Repayment of shareholders loan through in-kind services	—	—	—	—	—	18,547	—	—	—	18,547
Stock-based compensation	—	—	305,350	—	—	—	—	—	—	305,350
Currency translation adjustment	—	—	—	—	—	—	(30,842)	—	—	(30,842)
Net loss attributable to T Stamp Inc.	—	—	—	—	—	—	—	(4,752,980)	—	(4,752,980)
Balance, September 30, 2023	8,244,492	\$ 82,445	\$ 47,831,841	14,573	\$ —	\$ —	\$ 206,410	\$ (44,052,706)	\$ 161,439	\$ 4,229,429

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(unaudited)

	For the nine months ended September 30,	
	2023	2022
Cash flows from operating activities:		
Net loss attributable to T Stamp Inc.	\$ (4,752,980)	\$ (8,054,240)
Net loss attributable to non-controlling interest	—	—
Adjustments to reconcile net loss to cash flows used in operating activities:		
Depreciation and amortization	596,109	547,737
Stock-based compensation	305,350	1,598,233
Change in fair value of warrant liability	(3,473)	(88,367)
Repayment of shareholder loan through in-kind services	18,547	83,790
Impairment of assets	16,819	25,144
Gain on sale of property and equipment	(216,189)	—
Non-cash interest	28,958	—
Non-cash lease expense	151,001	—
Non-cash write off of mobile hardware	(15,775)	—
Loss on retirement of equipment	17,589	—
Changes in assets and liabilities:		
Accounts receivable	467,129	(46,737)
Related party receivables	396	(18,183)
Prepaid expenses and other current assets	40,220	517,216
Other assets	(20,442)	27,539
Accounts payable	(258,376)	(23,309)
Accrued expense	(238,431)	(147,602)
Related party payables	(145,274)	(93,690)
Deferred revenue	(1,724,202)	1,111,410
Income tax payable	(5,616)	—
Operating lease liabilities	(145,483)	—
Customer deposit liabilities	—	(280,108)
Net cash flows from operating activities	(5,884,123)	(4,841,167)
Cash flows from investing activities:		
Proceeds from sale of property and equipment	377,360	—
Capitalized internally developed software costs	(478,338)	(589,282)
Patent application costs	(78,169)	(103,419)
Acquisition of Pixelpin intangible asset	—	13,362
Purchases of property and equipment	(538)	(25,745)
Purchase of digital assets	—	(30,000)
Net cash flows from investing activities	(179,685)	(735,084)
Cash flows from financing activities:		
Proceeds from common stock, prefunded warrants, and common stock warrants, net of fees	7,464,312	1,007,790
Proceeds from exercise of warrants to common stock	622,554	3,385,935
Proceeds from exercise of options to common stock	2,000	78,092
Forfeited common stock shares to satisfy taxes	(24,656)	—
Proceeds from issuance of common stock warrants	—	667,290
Principal payments on financial liabilities	(29,715)	(59,815)
Net cash flows from financing activities	\$ 8,034,495	\$ 5,079,292
Effect of foreign currency translation on cash	(42,678)	(48,145)
Net change in cash and cash equivalents	1,928,009	(545,104)
Cash and cash equivalents, beginning of period	1,254,494	3,475,695
Cash and cash equivalents, end of period	\$ 3,182,503	\$ 2,930,591

T STAMP INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(b unaudited)

Supplemental disclosure of cash flow information:

Cash paid during the period for interest	\$ 580	\$ 8
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Supplemental disclosure of non-cash activities:

Adjustment to operating lease right-of-use assets related to renewed leases	\$ 82,185	\$ —
Adjustment to operating lease right-of-use assets related to terminated leases	\$ 82,095	\$ —
Adjustment to operating lease operating lease liabilities related to renewed leases	\$ 83,298	\$ —
Adjustment to operating lease liabilities related to terminated leases	\$ 77,648	\$ —
Prepaid rent expense reclassified upon termination of leases	\$ 5,335	\$ —
Property and equipment acquired under financial liability	\$ —	\$ 297,150

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

T STAMP INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(unaudited)

1. Description of Business and Summary of Significant Accounting Policies And Going Concern

Description of Business — T Stamp Inc. was incorporated on April 11, 2016 in the State of Delaware. T Stamp Inc. and its subsidiaries ("Trust Stamp", "we", "us", "our" or the "Company") develops and markets identity authentication software solutions for enterprise and government partners and peer-to-peer markets.

Trust Stamp develops proprietary artificial intelligence-powered solutions, researching and leveraging machine learning, artificial intelligence, biometric science, cryptography, and data mining, to deliver insightful identity and trust predictions that identify and defend against fraudulent identity attacks, protect sensitive user information, and extend the reach of digital services through global accessibility. We utilize the power and agility of technologies such as GPU processing, edge-computing, neural networks, and large language models to process and protect data faster and more effectively than has ever previously been possible in order to deliver results at a disruptively low cost for usage across multiple industries, including:

- Banking/FinTech
- KYC/AML Compliance
- Humanitarian and Development Services
- Government and Law Enforcement, including Alternative to Detention programs
- Cryptocurrency and Digital Assets
- Biometrically Secured Email and Digital Communications
- P2P Transactions, Social Media, and Sharing Economy
- Real Estate, Travel, and Healthcare

Reverse Split — On February 15, 2023 our Board of Directors approved and, as of February 20, 2023, the holders of a majority of our voting capital stock approved an amendment (the "Certificate of Amendment") to the Company's Amended and Restated Certificate of Incorporation and approved to effect a reverse split of our issued and outstanding shares of Class A Common Stock at a ratio of one share for every five shares currently held, rounded up to the nearest whole share – whereby every five (5) outstanding shares of Class A Common Stock was combined and became one (1) share of Class A Common Stock, rounding up to the nearest whole number of shares (the "Reverse Split"). All share and per share amounts in these unaudited condensed consolidated financial statements have been retroactively restated to reflect the Reverse Split. The Reverse Split was effective for trading on the market opening of Nasdaq on March 23, 2023. The Reverse Stock Split effective March 23, 2023, was ratified by the Company's stockholders by written consent pursuant to a definitive proxy statement filed with the Securities and Exchange Commission on April 13, 2023. Written consent from the majority of stockholders was received as of May 13, 2023.

Amended and Restated Certificate of Incorporation — On July 6, 2023, the Company received confirmation of the acceptance of its Third Amended and Restated Certificate of Incorporation (the "Third Restated Certificate") from the Secretary of State of Delaware. The Third Restated Certificate was approved by the Company's stockholders by written consent pursuant to a definitive proxy statement filed with the Securities and Exchange Commission on April 13, 2023. Written consent from the majority of stockholders was received as of May 13, 2023. The Third Restated Certificate maintained the 50,000,000 authorized shares of Common Stock and eliminated the authorized Preferred Stock. The Third Restated Certificate also created a classified Board of Directors of the Company with three classes of directors who will stand for election in staggered years.

Going Concern — The accompanying unaudited condensed consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company is a business that has not yet generated profits, with a Net loss in the nine months ended September 30, 2023 of \$4.75 million, negative Net operating cash outflows of \$5.88 million for the same period, working capital of \$2.25 million and an Accumulated deficit of \$44.05 million as of September 30, 2023.

The Company's ability to continue as a going concern in the next twelve months following the date the unaudited condensed consolidated financial statements were available to be issued is dependent upon its ability to produce revenues

and/or obtain financing sufficient to meet current and future obligations and deploy such to produce profitable operating results. Management has evaluated these conditions and plans to generate revenue and raise capital as needed to satisfy the Company's capital needs. While the negotiation of significant additional revenue is well advanced, it has not reached a stage that allows it to be factored into a going concern evaluation. In addition, although the Company has previously been successful in raising capital as needed and has already made plans to do so as well as restructuring expenses to meet the Company's cash needs, no assurance can be given that the Company will be successful in its capital raising efforts. These factors, among others, raise substantial doubt about the ability of the Company to continue as a going concern for a reasonable period.

Basis of Presentation — The accompanying unaudited condensed consolidated financial statements have been prepared in conformity with US Generally Accepted Accounting Principles ("US GAAP") and pursuant to the rules and regulations of the U.S. Securities and Exchange Commission (the "SEC"). The accompanying unaudited condensed consolidated financial statements have been prepared on a basis which assumes that the Company will continue as a going concern, which contemplates the realization of assets and the satisfaction of liabilities and commitments in the normal course of business.

Unaudited Interim Results — These unaudited condensed consolidated financial statements and accompanying notes have been prepared in accordance with U.S. GAAP, pursuant to the applicable rules and regulations of the Securities and Exchange Commission ("SEC") regarding interim financial reporting. In management's opinion, these unaudited condensed consolidated financial statements and accompanying notes have been prepared on the same basis as the annual consolidated financial statements and reflect all the adjustments, which include only normal recurring adjustments necessary for the fair statement of the Company's financial position as of September 30, 2023, the results of operations for the nine months ended September 30, 2023 and 2022, and cash flows for the nine months ended September 30, 2023 and 2022. Certain information and note disclosures have been condensed or omitted pursuant to such rules and regulations. The accompanying unaudited condensed consolidated balance sheet as of September 30, 2023 was derived from the audited consolidated financial statements as of that December 31, 2022 but does not include all of the disclosures required by U.S. GAAP. The results of operations for the nine months ended September 30, 2023 are not necessarily indicative of the results to be expected for the full year or any other future interim or annual period.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and accompanying notes for the year ended December 31, 2022 included in the Company's Annual Report. The Company's significant accounting policies are described in Note 1 to those audited consolidated financial statements.

Basis of Consolidation — The accompanying unaudited condensed consolidated financial statements reflect the activity of the Company and its subsidiaries, Trusted Mail Inc. ("Trusted Mail"), Finnovation LLC ("Finnovation"), Trust Stamp Malta Limited ("Trust Stamp Malta"), AIID Payments Limited, Biometric Innovations Limited ("Biometrics"), Trust Stamp Rwanda Limited, Metapresence Limited, and Trust Stamp Denmark ApS. All significant intercompany transactions and accounts have been eliminated.

On February 28, 2023, the Company received the Certificate of Termination from the State of Georgia, which represents the completion of administratively dissolving T Avatar LLC. As there were no operations established under the entity, there is a limited impact to Trust Stamp. The dissolution of T Avatar LLC was effective February 28, 2023.

On June 2, 2023, the Company received the termination resolution from the Polish National Court Register, which represents the completion of administratively dissolving Sunflower AI Technologies ("SAIT"). As there were no operations established under the entity, there is a limited impact to Trust Stamp. The dissolution of SAIT was effective May 10, 2023.

Further, we continue to consolidate Tstamp Incentive Holdings ("TSIH") which we consider to be a variable interest entity.

Variable Interest Entity — On April 9, 2019, management created a new entity, TSIH. Furthermore, on April 25, 2019, the Company issued 320,513 shares of Class A Common Stock to TSIH, for the purpose of providing a pool of shares of Class A Common Stock of the Company that the Company's Board of Directors (the "Board") could use for employee stock awards and were recorded initially as Treasury stock. Since establishing TSIH, 264,000 shares were transferred to various employees as a stock award that were earned and outstanding. On February 15, 2023, Trust Stamp issued 206,033 shares of Class A Common Stock to TSIH to be used to satisfy vested employee stock awards. As of September 30, 2023, TSIH held 14,573 Treasury stock earmarked for future employee RSU bonuses.

The Company does not own any of the shares of Class A Common Stock of the Company held by TSIH. The Company considers this entity to be a variable interest entity ("VIE") because it is thinly capitalized and holds no cash. Because the Company does not own shares in TSIH, management believes that this gives the Company a variable interest. Further, management of the Company also acts as management of TSIH and is the decision-maker as management grants shares held by TSIH to employees of the Company. As this VIE owns only shares in the Company and no other liabilities or assets, the Company is the primary beneficiary of TSIH and will consolidate the VIE.

Use of Estimates — The preparation of the unaudited condensed consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the unaudited condensed consolidated financial statements and accompanying notes. Actual results could differ materially from these estimates. On an ongoing basis, the Company evaluates their estimates that include, but are not limited to, percentage of completion related to revenue contracts that are not fully complete at the end of a fiscal quarter, capitalization and estimated useful life of internal-use software, the allowance for doubtful accounts, the fair value of financial assets and liabilities, the recoverability of Goodwill, stock-based compensation including the determination of the fair value of our common stock, impairment of long-lived assets, the valuation of deferred tax assets and uncertain tax positions, and warrant liabilities. We base our estimates on assumptions, both historical and forward-looking trends, and various other assumptions that are believed to be reasonable, the results of which form the basis for making judgments about the carrying values of assets and liabilities.

Segment Information — The Company has a single operating and reportable segment. The Company's chief operating decision maker is its Chief Executive Officer, who reviews financial information presented on a consolidated basis for purposes of making operating decisions, assessing financial performance, and allocating resources.

Risks and Uncertainties — The Company is dependent upon additional capital resources for its planned full-scale operations, and is subject to significant risks and uncertainties, including failing to secure funding to continue to operationalize the Company's plans or failing to profitably operate the business.

Major Customers and Concentration of Risks — Financial instruments that potentially subject the Company to significant concentrations of credit risk consist primarily of Cash and cash equivalents, and Accounts receivable. We maintain our Cash and cash equivalents with high-quality financial institutions, mainly in the United States; the composition of which are regularly monitored by us. The Federal Deposit Insurance Corporation covers \$250 thousand for substantially all depository accounts. The Company from time to time may have amounts on deposit in excess of the insured limits. As of September 30, 2023 and December 31, 2022, the Company had \$2.60 million and \$71 thousand in U.S. bank accounts, respectively, which exceeded these insured amounts. Management believes minimal credit risk exists with respect to these financial institutions and the Company has not experienced any losses on such amounts.

For Accounts receivable, we are exposed to credit risk in the event of nonpayment by customers to the extent the amounts are recorded in the unaudited condensed consolidated balance sheets. We extend different levels of credit and maintain reserves for potential credit losses based upon the expected collectability of Accounts receivable. We manage credit risk related to our customers by performing periodic evaluations of credit worthiness and applying other credit risk monitoring procedures.

Three customers represented 92.66% or 48.36%, 38.12%, and 6.18% of the balance of total Accounts receivable as of September 30, 2023 and three customers represented 95.37% or 36.90%, 32.69%, and 25.78% of the balance of total Accounts receivable as of December 31, 2022. The Company seeks to mitigate its credit risk with respect to Accounts receivable by contracting with large commercial customers and government agencies, and regularly monitoring the aging of Accounts receivable balances. As of September 30, 2023 and December 31, 2022, the Company had not experienced any significant losses on its Accounts receivable.

During the three months ended September 30, 2023, the Company sold to primarily three customers which made up approximately 95.85% of total Net revenue, and consisted of 81.87%, 7.91%, and 6.07%, from IGS, Mastercard, and S&P 500 Bank, respectively.

Additionally, during the three months ended September 30, 2022, the Company sold to primarily three customers which made up approximately 95.11% of total Net revenue, and consisted of 62.56%, 17.84%, and 14.71% from ICE, an S&P 500 Bank, and Mastercard.

During the nine months ended September 30, 2023, the Company sold to primarily three customers which made up approximately 90.53% of total Net revenue, and consisted of 62.98%, 14.95%, and 12.60% from IGS, an S&P 500 Bank, and Mastercard, respectively.

Additionally, during the nine months ended September 30, 2022, the Company sold to primarily three customers which made up approximately 94.56% of total Net revenue, and consisted of 67.36%, 16.22%, and 10.98% from ICE, an S&P 500 Bank, and Mastercard.

Foreign Currencies — The functional currencies of the Company's foreign subsidiaries are the local currencies. For those subsidiaries, the assets and liabilities are translated into U.S. dollars at the exchange rate method at the unaudited condensed consolidated balance sheet date. The Company's other comprehensive (loss) is comprised of foreign currency translation adjustments related to the Company's foreign subsidiaries. Income and expenses are translated at the average exchange rates for the period. Foreign currency transaction gains and losses are included in Other income or Other expense in the unaudited condensed consolidated statements of operations.

Cash and Cash Equivalents — Cash and cash equivalents consist of cash in banks and bank deposits. The Company considers all highly liquid instruments purchased with an original maturity of three months or less when purchased as cash equivalents.

Accounts Receivable and Allowance for Credit Losses — Accounts receivable are recorded at the invoiced amount, net of an allowance for credit losses, if any. The Company's trade receivables primarily arise from the sale of our products to customers through contracts for software licenses and subscriptions, software usage, web hosting fees, and software development with payment terms of 60 days. The Company evaluates the credit risk of a customer when extending credit based on a combination of various financial and qualitative factors that may affect the customers' ability to pay. These factors include the customers' financial condition and past payment experience.

The Company maintains an allowance for credit losses, which represents an estimate of expected losses over the remaining contractual life of its receivables considering current market conditions and estimates for supportable forecasts when appropriate. The Company measures expected credit losses on its trade receivables on a customer basis. The estimate of expected credit losses considers any historical losses, delinquency trends, collection experience, and/or economic risk where appropriate. Additionally, management develops a specific allowance for trade receivables known to have a high risk of expected future credit loss.

The Company has historically experienced immaterial write-offs given the nature of the customers and contracts. As of September 30, 2023, the Company had gross receivables of \$549 thousand and an allowance for credit losses of \$ 8 thousand. As of December 31, 2022, the Company had gross receivables of \$1.01 million and no allowance for credit losses.

As of September 30, 2023 and December 31, 2022, Accounts receivable includes unbilled receivables of \$ 21 thousand and \$109 thousand, respectively.

Property and Equipment, Net — Property and equipment, net is stated at cost less accumulated depreciation. Depreciation is recognized using the straight-line method over the estimated useful lives of the respective assets. Maintenance and repairs that do not improve or extend the useful lives of the assets are expensed when incurred, whereas additions and major improvements are capitalized. Upon sale or retirement of assets, the cost and related accumulated depreciation are derecognized from the unaudited condensed consolidated balance sheet and any resulting gain or loss is recorded in the unaudited condensed consolidated statements of operations in the period realized.

Capitalized Internal-Use Software, Net — Costs related to software acquired, developed, or modified solely to meet our internal requirements, with no substantive plans to market such software at the time of development are capitalized. The Company capitalizes eligible costs to develop internal-use software that are incurred subsequent to the preliminary project stage through the development stage. These costs consist of personnel costs (including related benefits and stock-based compensation) that are incurred during the application development stage. Costs incurred during the preliminary project stage and during the post-implementation operational stage are expensed as incurred. Maintenance costs are expensed as incurred. The estimated useful life of costs capitalized is evaluated for each specific project that is generally five years. Actual economic lives may differ from estimated useful lives. Periodic reviews could result in a change in estimated useful lives and therefore changes in amortization expense in future periods.

Accounting for Impairment of Long-Lived Assets — Long-lived assets with finite lives include Property and equipment, net, Capitalized internal-use software, Operating lease right-of-use assets, and Intangible assets, net subject to amortization. The Company reviews long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be recoverable. Recoverability of assets held and used is measured by comparison of the carrying amount of an asset or an asset group to estimated undiscounted future net cash flows expected to be generated by the asset or asset group. If the carrying amount of an asset exceeds these estimated future cash flows, an impairment charge is recognized by the amount by which the carrying amount of the assets exceeds the fair value of the asset or asset group. Assets to be disposed of are reported at the lower of the carrying amount or fair value less costs to sell.

The Company determined that as of September 30, 2023, \$17 thousand of Capitalized internal-use software was impaired. The impaired Capitalized internal-use software was expensed during the nine months ended September 30, 2023. As of December 31, 2022, the Company determined that no long-lived assets with finite lives were impaired.

Goodwill — Goodwill is accounted for in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 350, *Intangibles—Goodwill and Other*. The Company allocates the cost of an acquired business to the assets acquired and liabilities assumed based on their estimated fair values at the date of acquisition. The excess of the purchase consideration transferred over the fair value of the net assets acquired, including other Intangible assets, net, is recorded as Goodwill. Goodwill is tested for impairment at the reporting unit level at least quarterly or more frequently when events or circumstances occur that indicate that it is more likely than not that an impairment has occurred. In assessing Goodwill for impairment, the Company first assesses qualitative factors to determine whether it is necessary to perform the quantitative goodwill impairment test. In the qualitative assessment, the Company considers factors including economic conditions, industry and market conditions and developments, overall financial performance and other relevant entity-specific events in determining whether it is more likely than not that the fair value of the reporting unit is less than the carrying amount. Should the Company conclude that it is more likely than not that the recorded Goodwill amounts have been impaired, the Company would perform the impairment test. Goodwill impairment exists when a reporting unit's carrying value exceeds its fair value. Significant judgment is applied when Goodwill is assessed for impairment. There were no impairment charges to Goodwill during the nine months ended September 30, 2023 and year ended December 31, 2022.

Fair Value of Assets and Liabilities — The Company follows the relevant U.S. GAAP guidance regarding the determination and measurement of the fair value of assets/liabilities; in which fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction valuation hierarchy which requires an entity to maximize the use of observable inputs when measuring fair value. The guidance describes the following three levels of inputs that may be used in the methodology to measure fair value:

Level 1 – Quoted prices available in active markets for identical investments as of the reporting date;

Level 2 – Inputs other than quoted prices in active markets, which are either directly or indirectly observable as of the reporting date; and

Level 3 – Unobservable inputs, which are to be used in situations where there is little or no market activity for the asset or liability and wherein the reporting entity makes estimates and assumptions related to the pricing of the asset or liability including assumptions regarding risk.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The estimated fair values of Cash and cash equivalents, Accounts receivable, Related party receivables, Prepaid expenses and other current assets, Other assets, Accounts payable, Related party payables, Accrued expenses, Deferred revenue, Customer deposit liabilities, and Notes payable approximate their carrying values. The fair values of warrant liabilities issued in connection with equity or debt issuance are determined using the Black-Scholes valuation model, a "Level 3" fair value measurement, based on the estimated fair value of the underlying common stock, volatility based on the historical volatility data of similar companies, considering the industry, products and market capitalization of such other entities, the expected life based on the remaining contractual term of the conversion option and warrant liabilities and the risk free interest rate based on the implied yield available on U.S. Treasury Securities with a maturity equivalent to the warrant liability's contractual life. The Company accounts for its financial assets and liabilities at fair value regularly. The Company evaluates the fair value of its non-financial assets and liabilities on a nonrecurring basis.

Revenue Recognition — The Company derives its revenue primarily from professional services. Revenue is recognized upon transfer of control of promised products and services to customers in an amount that reflects the consideration the Company expects to receive in exchange for those products or services. If the consideration promised in a contract includes a variable amount, the Company includes an estimate of the amount it expects to receive or the total transaction price if it is probable that a significant reversal of cumulative revenue recognized will not occur. The Company determines the amount of revenue to be recognized through the application of the following steps:

- Identification of the contract, or contracts with a customer;
- Identification of the performance obligations in the contract;
- Determination of the transaction price;
- Allocation of the transaction price to the performance obligations in the contract; and
- Recognition of revenue when or as the Company satisfies the performance obligations.

At contract inception, the Company will assess the services agreed upon within each contract and assess whether each service is distinct and determine those that are performance obligations. The Company then recognizes as revenue the amount of the transaction price that is allocated to the respective performance obligation when (or as) the performance obligation is satisfied. In general, each contract with a customer consists of a single performance obligation to perform services in which revenue is recognized when the service has been delivered.

Remaining Performance Obligations — The Company's arrangements with its customers often have terms that span over multiple years. However, the Company generally allows its customers to terminate contracts for convenience prior to the end of the stated term with less than twelve months' notice. Revenue allocated to remaining performance obligations represents non-cancelable contracted revenue that has not yet been recognized, which includes deferred revenue and, in certain instances, amounts that will be invoiced. The Company has elected the practical expedient allowing the Company to not disclose remaining performance obligations for contracts with original terms of twelve months or less. Cancellable contracted revenue, which includes customer deposit liabilities, is not considered a remaining performance obligation. As of September 30, 2023, and December 31, 2022, the Company did not have any related performance obligations for contracts with terms exceeding twelve months.

Disaggregation of Revenue

	For the three months ended September 30,		For the nine months ended September 30,	
	2023	2022	2023	2022
Professional services (over time)	\$ 2,990,804	\$ 566,413	\$ 3,760,242	\$ 3,970,744
Termination expense reimbursement (one time)	—	719,565	—	719,565
License fees (over time)	75,000	62,500	225,000	187,500
Total Revenue	\$ 3,065,804	\$ 1,348,478	\$ 3,985,242	\$ 4,877,809

Contract Balances — The timing of customer billing and payment relative to the start of the service period varies from contract to contract; however, the Company bills many of its customers in advance of the provision of services under its contracts, resulting in liabilities consisting of either deferred revenue (a "contract liability") or customer deposit liabilities. Deferred revenue represents billings under non-cancelable contracts before the related product or service is transferred to the customer. Such amounts are recognized by the Company over the life of the contract upon= meeting the revenue recognition criteria, but generally within one year. Customer deposit liabilities consist of billings or payments received in advance of the start of the contractual term or for anticipated revenue-generating activities for the portion of a contract term that is subject to cancellation for convenience. Certain of the Company's arrangements generally include terms that allow the customer to terminate the contract for convenience and receive a refund of the amount of the customer deposit for the percentage of the work not performed prior to the notice of termination. In these arrangements, the Company concluded there are no enforceable rights and obligations after such notice period and therefore, the consideration received or due from the customer that is subject to termination for convenience is recorded as customer deposit liabilities.

The payment terms and conditions vary by contract; however, the Company's terms generally require payment within 30 to 60 days from the invoice date. In instances where the timing of revenue recognition differs from the timing of payment, the Company elected to apply the practical expedient in accordance with ASC 606 to not adjust contract consideration for the effects of a significant financing component as the Company expects, at contract inception, that the period between when promised goods and services are transferred to the customer and when the customer pays for those goods and services will be one year or less. As such, the Company determined its contracts do not generally contain a significant financing component.

Costs to Obtain and Fulfill Contracts — Incremental costs of obtaining a contract include only those costs that are directly related to the acquisition of contracts, including sales commissions, and that would not have been incurred if the contract had not been obtained. In alignment with ASC 340, Other Assets and Deferred Costs ("ASC 340"), the Company recognizes an asset for the incremental costs of obtaining a contract with a customer if we expect to recover the costs. The Company elected to apply the practical expedient in accordance with ASC 340 which allows the Company to expense commissions as incurred when the contract term is twelve months or less in total. Costs to obtain contracts and costs to fulfill contracts were not material in the periods presented.

Warrants — The Company accounts for stock warrants as either equity instruments, derivative liabilities, or liabilities in accordance with ASC 480, Distinguishing Liabilities from Equity ("ASC 480") and ASC 815, Derivatives and Hedging ("ASC 815"), depending on the specific terms of the warrant agreement.

Cost of Services Provided — Cost of services generally consists of the cost of hosting fees, materials, and cost of labor associated with professional services rendered. Depreciation and amortization expense is not included in Cost of services.

Research and Development — Research and development costs are expensed as incurred and consist primarily of personnel costs such as salaries and benefits and relate primarily to time spent during the preliminary project stage, post implementation maintenance, bug fixes associated with Capitalized internal-use software activities, and front-end application development in which technological feasibility has not been established. Depreciation and amortization expense is not included in Research and development.

Advertising — Advertising costs are expensed as incurred. Advertising and marketing expense totaled \$ 100 thousand and \$50 thousand for the three months ended September 30, 2023 and 2022, respectively, and \$207 thousand and \$173 thousand for the nine months ended September 30, 2023 and 2022, respectively.

Stock- Based Compensation — The Company accounts for its stock-based compensation arrangements at fair value. Fair value of each stock-based award is estimated on the date of grant using either the Black-Scholes-Merton Model for stock options granted or using the fair value of a common stock for stock grants and restricted stock units. The Black-Scholes-Merton option-pricing model requires the input of highly subjective assumptions, including the fair value of the underlying common shares, the expected term of the share option, the expected volatility of the price of our common shares, risk-free interest rates, and the expected dividend yield of common shares. The assumptions used to determine the fair value of the option awards represent management's best estimates. These estimates involve inherent uncertainties and the application of management's judgment. The calculated fair value is recognized as expense over the requisite service period using the straight-line method. Forfeitures are accounted for in the period in which they occur. Trust Stamp offers the indirect repurchase of shares through a net-settlement feature upon the vesting of RSU awards to satisfy minimum statutory tax-withholding requirements for the recipient.

Income Taxes — The Company records income tax provisions for the anticipated tax consequences of the reported results of operations using the asset and liability method. Under this method, the Company recognizes deferred tax assets and liabilities for the expected future tax consequences of temporary differences between the carrying amounts for financial reporting purposes and the tax bases of assets and liabilities, as well as for loss and tax credit carryforwards. The deferred assets and liabilities are measured using the statutorily enacted tax rates anticipated to be in effect when those tax assets and liabilities are expected to be realized or settled. The effect of a change in tax rates on deferred tax assets and liabilities is recognized in the period that includes the enactment date.

A valuation allowance is established if, based upon the available evidence, it is more likely than not that some or all of the deferred tax assets will not be realized. The Company considers all available evidence, both positive and negative, including historical levels of income, expectations and risks associated with estimates of future taxable income in assessing the need for a valuation allowance.

The Company's tax positions are subject to income tax audits by multiple tax jurisdictions. The Company recognizes the tax benefit of an uncertain tax position only if it is more likely than not the position will be sustainable upon examination by the taxing authority, including resolution of any related appeals or litigation processes. This evaluation is based on all available evidence and assumes that the tax authorities have full knowledge of all relevant information concerning the tax position. The tax benefit recognized is measured as the largest amount of benefit which is more likely than not (greater than 50% likely) to be realized upon ultimate settlement with the taxing authority. The Company recognizes interest accrued and penalties related to unrecognized tax benefits in Income tax expense. The Company adjusts these reserves in accordance with the income tax guidance when facts and circumstances change, such as the closing of a tax audit or the refinement of an estimate. To the extent that the final tax outcome of these matters is different from the amounts recorded, such differences may affect the provision for income taxes in the period in which such determination is made and could have a material impact on the Company's financial condition and operating results.

The Company computes its tax provision for interim periods by applying the estimated annual effective tax rate to year-to-date pre-tax income from recurring operations and adjusting for discrete tax items arising in that quarter. There were no discrete items that impacted the effective tax rate for the three and nine months ended September 30, 2023 and September 30, 2022, respectively. The rate remained consistent over the period due to the full valuation allowance recorded in the period.

The Company had an effective tax rate of 0% for the three and nine months ended September 30, 2023 and 2022, respectively. The Company has incurred U.S. operating losses and has minimal profits in foreign jurisdictions.

Deferred tax assets are reduced by a valuation allowance if it is more likely than not that some portion or all of a deferred tax asset will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences are deductible. In making this determination, management considers all available positive and negative evidence affecting specific deferred tax assets, including the Company's past and anticipated future performance, the reversal of deferred tax liabilities, the length of carry-back and carry-forward periods, and the implementation of tax planning strategies.

The Company had no unrecognized tax benefits as of September 30, 2023 and December 31, 2022.

It is the Company's policy to recognize interest and penalties related to income tax matters in Income tax expense. The Company has not accrued any penalties related to uncertain tax positions due to offsetting tax attributes as of September 30, 2023 and December 31, 2022.

The Company files U.S. federal, state, and foreign income tax returns in jurisdictions with varying statutes of limitation. The only material jurisdiction where the Company is subject to potential examination by tax authorities is the U.S. (federal and state) for tax years 2020 through 2022.

Leases — The Company determines if a contract is a lease or contains a lease at the inception of the contract in accordance with ASC 842. All leases are assessed for classification as an operating lease or a finance lease. The lease term begins on the commencement date, the date the Company takes possession of the property, and the commencement date is used to calculate straight-line expense for operating leases. The lease may include options to extend or terminate the lease. When it is reasonably certain that the option will be exercised, the Company reassess our conclusions to account for the modified contract.

Operating lease right-of-use assets represent the Company's right to use an underlying asset during a lease term and are included in non-current assets on our unaudited condensed consolidated balance sheet. Operating lease liabilities represent the Company's obligation to make lease payments arising from the lease. Operating lease liabilities are divided into two classifications on our unaudited condensed consolidated balance sheet as a current liability, Short-term operating lease liabilities, and a non-current liability, Long-term operating lease liabilities. The Company does not have any finance lease right-of-use assets or finance lease liabilities.

The Company's operating lease liabilities are recognized at the applicable lease commencement date based on the present value of the lease payments required to be paid over the lease term. The interest rate implicit in the lease is not readily determinable, therefore, the Company uses an estimated incremental borrowing rate to discount the lease payments to present value. The estimated incremental borrowing rate is derived from information available at the lease commencement date. The Company's Operating lease right-of-use assets are also recognized at the applicable lease commencement date. The Operating lease right-of-use asset equals the carrying amount of the related operating lease liability, adjusted for any

lease payments made prior to lease commencement and lease incentives provided by the lessor. Variable lease payments are expensed as incurred and do not factor into the measurement of the applicable Operating lease right-of-use asset or operating lease liability.

The term of our leases equals the non-cancellable period of the lease, including any rent-free periods provided by the lessor, and also include options to renew or extend the lease (including by not terminating the lease) that we are reasonably certain to exercise. We establish the term of each lease at lease commencement and reassess that term in subsequent periods if a triggering event occurs. Operating lease cost for lease payments is recognized on a straight-line basis over the lease term.

Some lease contracts include lease and non-lease components. Trust Stamp elected the practical expedient offered by ASC 842 to not separate the lease components from non-lease components. As a result, the Company accounts for leases as a single lease component.

In addition, the Company elected not to recognize right-of-use assets and lease liabilities for leases term of twelve months or less. The short-term lease expenses are recognized on a straight-line basis over the lease term.

Commitments and Contingencies — Liabilities for loss contingencies arising from claims, disputes, legal proceedings, fines and penalties, and other sources are recorded when it is probable that a liability has been or will be incurred and the amount of the liability can be reasonably estimated. Legal costs incurred in connection with loss contingencies are expensed as incurred. Recoveries of such legal costs from insurance policies are recorded as an offset to legal expenses in the period they are received.

Treasury Stock — Repurchased treasury stock is recorded at cost. When treasury stock is resold at a price different than its historical acquisition cost, the difference is recorded as a component of Additional paid-in capital in the unaudited condensed consolidated balance sheets.

Net Loss per Share Attributable to Common Stockholders — Basic loss per share is computed by dividing net loss by the weighted average number of common shares outstanding for the period. Diluted net loss per share is computed by giving effect to all potentially dilutive Class A Common Stock equivalents for the period. For the purposes of this calculation, stock-based awards, warrants, and the conversion option of convertible notes are considered to be potential common shares outstanding. Since the Company incurred net losses for each of the periods presented, diluted net loss per share is the same as basic net loss per share. The Company's potential common shares outstanding were not included in the calculation of diluted net loss per share as the effect would be anti-dilutive.

Recent Accounting Pronouncements Not Yet Adopted — In June 2022, the FASB issued ASU 2022-03, *Fair Value Measurement (Topic 820): Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions*. The amendments in this ASU clarify that an entity should measure the fair value of an equity security subject to contractual sale restriction the same way it measures an identical equity security that is not subject to such a restriction. The FASB said the contractual restriction on the sale of an equity security is not considered part of the unit of account of the equity security and, therefore, should not affect its fair value. The ASU is effective for public entities for fiscal years beginning after December 15, 2023, and interim periods within those fiscal years. Early adoption is permitted. The Company does not expect this guidance to have a material impact to its unaudited condensed financial statements or related disclosures.

Recently Adopted Accounting Pronouncement — In June 2016, the FASB issued Accounting Standards Update No. 2016-13, *“Financial Instruments - Credit Losses (Topic 326)”* (“ASU 2016-13”). ASU 2016-13 revises the methodology for measuring credit losses on financial instruments and the timing of when such losses are recorded. In November 2019, FASB issued ASU 2019-10, *“Financial Instruments – Credit Losses (Topic 326), Derivatives and Hedging (Topic 815), and Leases (Topic 842).”* This ASU defers the effective date of ASU 2016-13 for public companies that are considered smaller reporting companies as defined by the SEC to fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. The Company adopted this standard as of January 1, 2023, and the guidance did not have a material impact on its unaudited condensed consolidated financial statements or related disclosures.

2. Borrowings

Promissory Notes Payable

	As of September 30, 2023	As of December 31, 2022
Malta loan receipt 3 – June 3, 2022	\$ 485,564	\$ 62,365
Malta loan receipt 2 – August 10, 2021	299,806	303,778
Malta loan receipt 1 – February 9, 2021	61,549	491,996
Interest added to principal	27,955	11,551
Total principal outstanding	874,874	869,690
Plus: accrued interest	28,958	16,775
Total promissory notes payable	\$ 903,832	\$ 886,465

In May 2020, the Company formed a subsidiary in the Republic of Malta, Trust Stamp Malta Limited, with the intent to establish a research and development center with the assistance of potential grants and loans from the Maltese government. As part of the creation of this entity, we entered into an agreement with the government of Malta for a potentially repayable advance of up to €800 thousand or \$858 thousand to assist in covering the costs of 75% of the first 24 months of payroll costs for any employee who begins 36 months from the execution of the agreement on July 8, 2020. On February 9, 2021, the Company began receiving funds and as of September 30, 2023, the balance received was \$847 thousand which includes changes in foreign currency rates.

The Company will pay an annual interest rate of 2% over the European Central Banks (ECB) base rate as set on the beginning of the year in review. If the ECB rate is below negative 1%, the interest rate shall be fixed at 1%. The Company will repay a minimum of 10% of Trust Stamp Malta Limited's pre-tax profits per annum capped at 15% of the amount due to the Corporation until the disbursed funds are repaid. At this time, Trust Stamp Malta Limited does not have any revenue-generating contracts and therefore, we do not believe any amounts shall be classified as current.

3. Warrants

Liability Classified Warrants

The following table presents the change in the liability balance associated with the liability classified warrants, which are classified in Level 3 of the fair value hierarchy from January 1, 2022 to September 30, 2023:

	Warrants (\$)
Balance as of January 1, 2022	\$ 374,694
Additional warrants issued	—
Change in fair value	(113,125)
Balance as of December 31, 2022	\$ 261,569
Additional warrants issued	—
Change in fair value	(3,473)
Balance as of September 30, 2023	\$ 258,096

As of September 30, 2023, the Company has issued a customer a warrant to purchase up to \$ 1.00 million of capital stock in a future round of financing at a 20% discount of the lowest price paid by another investor. The warrant was issued on November 9, 2016. There is no vesting period, and the warrant expires on November 30, 2026. The Company evaluated the provisions of ASC 480, Distinguishing Liabilities from Equity, noting the warrant should be classified as a liability due to its settlement being for a variable number of shares and potentially for a class of shares not yet authorized. The warrant was determined to have a fair value of \$250 thousand which was recorded as a Deferred contract acquisition asset and to a Warrant liability during the year ended December 31, 2016 and was amortized as a revenue discount prior to the current periods presented. The fair value of the warrant was estimated on the date of grant by estimating the warrant's intrinsic value on issuance using the estimated fair value of the Company as a whole and has a balance of \$250 thousand as of September 30, 2023.

On December 16, 2016, the Company issued an investor warrant to purchase \$ 50 thousand worth of shares of our Class A Common Stock. The warrants have no vesting period and expires on December 16, 2026. The warrant agreement states that the investor is entitled to the "number of shares of Common Stock with a Fair Market Value as of the Determination Date of \$50,000". The determination date is defined as the "date that is the earlier of (A) the conversion of the investor's Note into the equity interests of the Company or (B) the maturity date of the Note." The investor converted the referenced Note on June 30, 2020, therefore, defining the determination date. The number of shares to be purchased is settled as 6,418 shares as of June 30, 2020. The exercise price of the warrants is variable until the exercise date.

The Company used a Black-Scholes-Merton pricing model to determine the fair value of the warrants and uses this model to assess the fair value of the warrant liability. As of September 30, 2023, the warrant liability is recorded at \$8 thousand which is a \$4 thousand decrease, recorded to Change in fair value of warrant liability, from the balance of \$12 thousand as of December 31, 2022.

Fair Value of Warrants	\$1.28 — \$2.57
Exercise price	\$0.59 — \$0.96
Risk free interest rate	4.09% — 4.74%
Expected dividend yield	— %
Expected volatility	80.79% — 92.90%
Expected term	3 years

Equity Classified Warrants

Warrant Issuance Date	Strike Price	As of September 30,		As of December 31,
		2023	2022	2022
November 9, 2016	\$ 3.12	80,128	80,128	80,128
January 23, 2020	\$ 8.00	186,442	186,442	186,442
January 23, 2020	\$ 8.00	524,599	524,599	524,599
August – December 2021	\$ 20.00	—	—	268,743
January – February 2022	\$ 20.00	—	—	15,171
September 14, 2022	\$ 2.30	120,000	390,000	390,000
April 18, 2023	\$ 3.30	1,573,330	—	—
June 5, 2023	\$ 2.30	1,279,700	—	—
Total warrants outstanding		3,764,199	—	1,465,083

The Company has issued a customer a warrant to purchase 80,128 shares of Class A Common Stock with an exercise price of \$ 3.12 per share. The warrant was issued on November 9, 2016. There is no vesting period, and the warrant expires on November 30, 2026.

In January 2020, the Company issued REach®, a related party, a warrant to purchase 186,442 shares of the Company's Class A Common Stock at an exercise of \$8.00 per share in exchange for the cancellation of a \$ 100 thousand SAFE issued on August 18, 2017 by the Company's affiliate Trusted Mail Inc. with a value of \$125 thousand. The warrants were issued on January 23, 2020. There is no vesting period, and the warrants expire on December 20, 2024.

In January 2020, the Company issued SCV, a related party, a warrant to purchase 932,111 shares of the Company's Class A Common Stock at a strike price of \$8.00 per share in exchange for \$300 thousand in cash and "Premium" sponsorship status with a credited value of \$ 100 thousand per year for 3 years totaling \$300 thousand. This "premium" sponsorship status provides the Company with certain benefits in marketing and networking, such as the Company being listed on the investor's website, as well as providing the Company certain other promotional opportunities organized by the investor. The warrants were issued on January 23, 2020. There is no vesting period, and the warrants expire on December 20, 2024.

On December 21, 2021, SCV executed a Notice of Exercise for certain of its warrants to purchase 407,512 shares of Class A Common Stock at an exercise price of \$8.00 per share for a total purchase price of \$ 3.26 million. The closing occurred on January 10, 2022 and resulted in total cash proceeds of \$3.26 million to the Company for the warrant exercise.

The warrants to purchase the remaining 524,599 shares of the Company's Class A Common Stock remain outstanding as of September 30, 2023.

The Company issued 271,593 warrants from August 2021 to December 2021 and 15,421 warrants from January 2022 to February 2022 related to the Regulation CF, D, and S common stock and warrant offerings. These warrants became exercisable on January 26, 2022 when the Company received SEC qualification of its offering statement on Form 1-A. These warrants expire as of the earlier of: (a) January 26, 2023, (b) the acquisition of the Company by another entity, or (c) immediately prior to the closing of a firm commitment underwritten public offering. On August 25, 2022, we refunded \$5,000 in units (comprised of common stock and warrants) sold in the Company's Regulation CF offering to two investors resulting in the cancellation of 250 warrants.

During the quarter ended September 30, 2022, investors exercised 2,850 warrants at an exercise price of \$20.00 per share, resulting in total cash proceeds of \$57 thousand to the Company for the warrant exercises.

The warrants to purchase the remaining 283,914 shares of the Company's Class A Common Stock expired on January 26, 2023 and are no longer outstanding as of September 30, 2023.

On September 11, 2022, the Company entered into a Securities Purchase Agreement (the "SPA") with Armistice Capital Master Fund Ltd. Pursuant to the terms of the SPA, the Company agreed, at the closing of the SPA, to sell and issue to the Armistice Capital Master Fund Ltd. in a private placement 195,000 shares of Class A Common Stock of the Company and warrants to purchase 390,000 shares of Class A Common Stock of the Company at an exercise price of \$8.85 for a total purchase price of \$1,511,250. The Company incurred offering costs of \$90,675 from this transaction that were recorded as a reduction of the gross proceeds. The 390,000 warrants may be exercised at any time by Armistice Capital Master Fund Ltd. starting on the issuance date, September 14, 2022, until the five year and six-month anniversary thereafter.

The warrants also allow for a "cashless exercise" if, at any time after the six (6) month anniversary of the issue date of the warrants there is no effective registration statement registering the resale of the Class A Common Stock issuable pursuant to the warrants. In such a case, then warrants may also be exercised, in whole or in part, by means of a cashless exercise in which Armistice Capital Master Fund Ltd. will be entitled to receive a number of shares of Class A Common Stock as described in the warrants. Trust Stamp filed the registration statement on September 30, 2022 and received the notice of effectiveness on January 26, 2023.

On June 5, 2023, the Company entered into an Amendment to Existing Warrants agreement with Armistice Capital Master Fund Ltd. Pursuant to the terms of the Amendment to Existing Warrants, the exercise price for the warrants to purchase 390,000 shares of Class A Common Stock of the Company is reduced to \$2.30 for a total purchase price of \$897,000. In addition, the expiration date for the 390,000 warrants is amended allowing the exercise of the warrant at any time by Armistice Capital Master Fund Ltd. starting on the closing of the offering, June 5, 2023, until the five year anniversary thereafter.

On August 18, 2023, the institutional investor exercised 270,000 warrants to purchase shares of Class A Common Stock of the Company at a price of \$2.30 per warrant, resulting in an issuance by the Company of 270,000 shares of Class A Common Stock for total proceeds of \$621,000.

The warrants to purchase the remaining 120,000 shares of the Company's Class A Common Stock remain outstanding as of September 30, 2023.

On April 14, 2023, the Company entered into a securities purchase agreement ("SPA") with Armistice Capital Master Fund Ltd. Pursuant to which the Company agreed to issue and sell to the investor (i) in a registered direct offering, 563,380 shares of Class A Common Stock, par value \$ 0.01 per share of the Company at a price of \$3.30 per share, and pre-funded warrants to purchase up to 1,009,950 shares of Class A Common Stock, at a price of \$3.299 per prefunded warrant, at an exercise price of \$ 0.001 per share of Class A Common Stock, and (ii) in a concurrent private placement, common stock purchase warrants, exercisable for an aggregate of up to 1,573,330 shares of Class A Common Stock, at an exercise price of \$ 3.30 per share. On April 18, 2023, the Company sold 563,380 shares of Class A Common Stock to the institutional investor at a price of \$ 3.30 per share for total proceeds \$1,859,154. Additionally, on same date, the institutional investor purchased and exercised the 1,009,950 pre-funded warrants, for total proceeds to the Company of \$3,332,835, resulting in an aggregate issuance by the Company of 1,573,330 shares of Class A Common Stock for net proceeds of \$4,778,550 from the registered direct offering after deducting placement fee and legal expense of \$ 363,439 and \$50,000, respectively.

The common stock purchase warrants to purchase 1,573,330 shares of the Company's Class A Common Stock remain outstanding as of September 30, 2023.

On June 1, 2023, the Company entered into a securities purchase agreement ("SPA") with an Armistice Capital Master Fund Ltd. Pursuant to which the Company agreed to issue and sell to the investor (i) in a registered direct offering, 736,400 shares of Class A Common Stock, par value \$ 0.01 per share of the Company at a price of \$2.30 per share, and pre-funded warrants to purchase up to 543,300 shares of Class A Common Stock, at a price of \$ 2.299 per prefunded warrant, at an exercise price of \$0.001 per share of Class A Common Stock, and (ii) in a concurrent private placement, common stock purchase warrants, exercisable for an aggregate of up to 1,279,700 shares of Class A Common Stock, at an exercise price of \$ 2.30 per share. On June 5, 2023, the Company sold 736,400 shares of Class A Common Stock to the institutional investor at a price of \$ 2.30 per share for total proceeds of \$1,693,720. Additionally, on same date, the institutional investor purchased the 543,300 pre-funded warrants at a price of \$ 2.299 per prefunded warrant, for total proceeds to the Company of \$1,249,047, resulting in an issuance by the Company of 736,400 shares of Class A Common Stock for net proceeds of \$2,686,773 from the registered direct offering after deducting placement fee and legal expense of \$ 205,994 and \$50,000, respectively.

On June 12, 2023, the institutional investor exercised 322,300 pre-funded warrants at a price of \$ 0.001 per prefunded warrant, resulting in an issuance by the Company of 322,300 shares of Class A Common Stock for total proceeds of \$ 322. Additionally, on June 23, 2023, the institutional investor exercised 221,000 pre-funded warrants at a price of \$ 0.001 per prefunded warrant, resulting in an issuance by the Company of 221,000 shares of Class A Common Stock for total proceeds of \$221.

The common stock purchase warrants to purchase 1,279,700 shares of the Company's Class A Common Stock remain outstanding as of September 30, 2023.

4. Balance Sheet Components

Prepaid expenses and other current assets

Prepaid expenses and other current assets as of September 30, 2023 and December 31, 2022 consisted of the following:

	September 30, 2023	December 31, 2022
Prepaid operating expenses	\$ 315,187	\$ 225,756
Rent deposit	31,388	55,981
Value added tax receivable	102,699	71,742
Tax credit receivable (short-term)	66,135	218,239
Miscellaneous receivable	29,792	8,368
Prepaid expenses and other current assets	<u><u>\$ 545,201</u></u>	<u><u>\$ 580,086</u></u>

Capitalized internal-use software, net

Capitalized internal-use software, net as of September 30, 2023 and December 31, 2022 consisted of the following:

	Useful Lives	September 30, 2023	December 31, 2022
Internally developed software	5 Years	\$ 3,754,896	\$ 3,314,450
Less: Accumulated depreciation		(2,293,295)	(1,895,778)
Capitalized internal-use software, net		<u><u>\$ 1,461,601</u></u>	<u><u>\$ 1,418,672</u></u>

Amortization expense is recognized on a straight-line basis and for the three months ended September 30, 2023 and 2022 totaled \$140 thousand and \$132 thousand, respectively. Amortization expense is recognized on a straight-line basis and for the nine months ended September 30, 2023 and 2022 totaled \$419 thousand and \$379 thousand, respectively.

The Company determined that as of September 30, 2023, \$17 thousand of Capitalized internal-use software was impaired. The impaired Capitalized internal-use software was expensed to Research and development during the nine months ended September 30, 2023.

Property and equipment, net

Property and equipment, net as of September 30, 2023 and December 31, 2022 consisted of the following:

	Useful Lives	September 30, 2023	December 31, 2022
Computer equipment	3-4 Years	\$ 143,796	\$ 148,832
Furniture and fixtures	10 Years	26,864	27,220
Mobile hardware	2.5 years	—	297,150
Property and equipment, gross		170,660	473,202
Less: Accumulated depreciation		(110,111)	(172,538)
Property and equipment, net		\$ 60,549	\$ 300,664

Depreciation expense is recognized on a straight-line basis and for the three months ended September 30, 2023 and 2022 totaled \$10 thousand and \$42 thousand, respectively. Depreciation expense is recognized on a straight-line basis and for the nine months ended September 30, 2023 and 2022 totaled \$62 thousand and \$94 thousand, respectively.

On April 26, 2023, the Company sold a portion of the mobile hardware for a gross sales price of \$ 180 thousand and a gain of \$108 thousand. On May 26, 2023, the Company sold another portion of the mobile hardware for a gross sales price of \$197 thousand and a gain of \$108 thousand.

Accrued expenses

Accrued expenses as of September 30, 2023 and December 31, 2022 consisted of the following:

		September 30, 2023	December 31, 2022
Compensation payable		\$ 353,662	\$ 171,851
Commission liability		24,379	58,771
Accrued employee taxes		433,096	591,992
Accrued mobile expenses		—	177,099
Other accrued liabilities		50,256	100,111
Accrued expenses		\$ 861,393	\$ 1,099,824

5. Goodwill and Intangible Assets, Net

There were no changes in the carrying amount of Goodwill for the periods ended September 30, 2023 and December 31, 2022.

Intangible assets, net as of September 30, 2023 and December 31, 2022 consisted of the following:

	Useful Lives	September 30, 2023	December 31, 2022
Patent application costs	3 Years	\$ 460,453	\$ 382,285
Trade name and trademarks	3 Years	67,463	68,356
Intangible assets, gross		527,916	450,641
Less: Accumulated amortization		(313,218)	(198,955)
Intangible assets, net		\$ 214,698	\$ 251,686

The Company added 4 patents and 1 trademark during the nine months ended September 30, 2023. The patents issued during the nine months ended September 30, 2023 increased our total number of patents to 17 and include:

- On August 29, 2023, the Company received Notice of Issuance together with a Notice of Allowance on August 17, 2023 both entitled "Systems and Processes for Lossy Biometric Representation." These patents further expand our intellectual property portfolio related to the tokenization of biometric data and broaden our patent coverage by removing the necessity to use a neural network in our irreversible transformation process.
- On August 15, 2023, the Company received Notice of Issuance for a patent entitled "Systems and Methods for Identity Authentication via Third Party Accounts." This technology, while leveraging our core privacy-first technologies, provides an optional interlock between different types of user accounts benefiting from the strengths that each can offer in terms of user authentication to produce a more resilient user-centric ecosystem.
- On July 25, 2023, the Company received Notice of Issuance for a patent entitled "Systems and Methods for Privacy-Secured Biometric Identification and Verification." For the last six years we have invested heavily in research and development which has created a solid foundation for our current and future generations of cutting edge, privacy-first identity products and this patent reflects our systems and methods for matching an encrypted biometric input record with stored encrypted biometric record without data decryption of the input and at least one stored record.

Intangible asset amortization expense is recognized on a straight-line basis and intangible asset amortization expense for the three months ended September 30, 2023 and 2022 totaled \$40 thousand and \$29 thousand, respectively. Intangible asset amortization expense is recognized on a straight-line basis and intangible asset amortization expense for the nine months ended September 30, 2023 and 2022 totaled \$115 thousand and \$75 thousand, respectively.

Estimated future amortization expense of Intangible assets, net is as follows:

Years Ending December 31,	Amount
2023	\$ 40,709
2024	106,971
2025	56,368
2026	10,650
	<u><u>\$ 214,698</u></u>

6. Net Loss per Share Attributable to Common Stockholders

The following table presents the calculation of basic and diluted net loss per share:

	Three months ended		Nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Numerator:				
Net loss attributable to common stockholders	\$ (35,162)	\$ (3,439,892)	\$ (4,752,980)	\$ (8,054,240)
Denominator:				
Weighted average shares used in computing net loss per share attributable to common stockholders	8,155,617	4,693,465	6,658,205	4,632,683
Net loss per share attributable to common stockholders	<u><u>\$ (0.00)</u></u>	<u><u>\$ (0.75)</u></u>	<u><u>\$ (0.71)</u></u>	<u><u>\$ (1.75)</u></u>

The following potentially dilutive securities were excluded from the computation of diluted net loss per share calculations for the periods presented because the impact of including them would have been anti-dilutive:

	September 30, 2023	September 30, 2022
Options, RSUs, and grants	791,410	732,744
Warrants	4,528,193	1,676,057
Total	5,319,603	2,408,801

7. Stock Awards and Stock-Based Compensation

From time to time, the Company may issue stock awards in the form of Class A Common Stock grants, Restricted Stock Units (RSUs), or Class A Common Stock options with vesting/service terms. Stock awards are valued on the grant date using the Company's common stock share price quoted on an active market. Stock options are valued using the Black-Scholes-Merton pricing model to determine the fair value of the options. We generally issue our awards in terms of a fixed monthly value, resulting in a variable number of shares being issued, or in terms of a fixed monthly share number.

During the three and nine months ended September 30, 2023 and 2022, the Company entered into agreements with advisory board members and other external advisors to issue cash payments and stock awards in exchange for services rendered to the Company monthly. The total granted stock-based awards to advisory board members and other external advisors during the three months ended September 30, 2023 and 2022 included grants totaling, \$0 and \$45 thousand, respectively, options totaling \$0, and RSUs totaling \$10 thousand and \$55 thousand, respectively.

The total granted stock-based awards to advisory board members and other external advisors during the nine months ended September 30, 2023 and 2022 included grants totaling, \$0 and \$49 thousand, respectively, options totaling \$0, and RSUs totaling \$19 thousand and \$109 thousand, respectively.

In addition to issuing stock awards to advisory board members and other external advisors, during the three and nine months ended September 30, 2023 and 2022, the Company granted stock-based awards to multiple employees. The total granted stock-based awards to employees during the three months ended September 30, 2023 and 2022 included grants totaling, \$18 thousand and \$50 thousand, respectively, options totaling \$3 thousand and \$9 thousand, respectively, and RSUs totaling \$116 thousand and \$691 thousand, respectively.

The total granted stock-based awards to employees during the nine months ended September 30, 2023 and 2022 included grants totaling, \$65 thousand and \$272 thousand, respectively, options totaling \$10 thousand and \$52 thousand, respectively, and RSUs totaling \$211 thousand and \$1.12 million, respectively.

The following table summarizes stock option activity for the three and nine months ended September 30, 2023:

	Options Outstanding	Weighted Average Exercise Price Per Share	Weighted Average Remaining Contractual Life (years)	Aggregate Intrinsic Value
Balance as of January 1, 2022	395,002	\$ 6.40	2.42	\$ 5,365,737
Options granted	7,443	3.20		
Options exercised	(15,121)	6.30		
Options canceled and forfeited	(215)	4.40		
Balance as of December 31, 2022	387,109	\$ 6.40	1.45	\$ —
Options granted	2,647	3.01		
Options exercised	(1,230)	3.25		
Options canceled and forfeited	(756)	7.94		
Balance as of March 31, 2023	387,770	\$ 6.37	1.21	\$ —
Options granted	2,675	2.24		
Options exercised	—	—		
Options canceled and forfeited	(937)	6.40		
Balance as of June 30, 2023	389,508	\$ 6.34	0.98	\$ —
Options granted	3,241	1.85		
Options exercised	—	—		
Options canceled and forfeited	(1,083)	5.54		
Balance as of September 30, 2023	391,666	\$ 6.31	0.75	\$ —
Options vested and exercisable as of September 30, 2023	391,666	\$ 6.31	0.75	\$ —

	Options Outstanding	Weighted Average Exercise Price Per Share	Weighted Average Remaining Contractual Life (years)	Aggregate Intrinsic Value
Balance as of January 1, 2023	387,109	\$ 6.40	1.45	\$ —
Options granted	8,563	2.28		
Options exercised	(1,230)	3.25		
Options canceled and forfeited	(2,776)	6.48		
Balance as of September 30, 2023	391,666	\$ 6.31	0.75	\$ —
Options vested and exercisable as of September 30, 2023	391,666	\$ 6.31	0.98	\$ —

The aggregate intrinsic value of options outstanding, exercisable, and vested is calculated as the difference between the exercise price of the underlying options and the fair value of the Company's common stock. The aggregate intrinsic value of options exercised during the nine months ended September 30, 2023 and 2022 is \$0 and \$3 thousand, respectively.

The weighted average grant-date fair value of options granted during the nine months ended September 30, 2023 and 2022 was \$ 1.25 and \$9.48 per share, respectively. The total grant-date fair value of options that vested during the nine months ended September 30, 2023 and 2022 was \$10 thousand and \$52 thousand, respectively.

The following assumptions were used to calculate the fair value of options granted during the nine months ended September 30, 2023:

Fair value of Class A Common Stock	\$0.95 — 3.57
Exercise price	\$1.82 — 3.09
Risk free interest rate	3.76 — 4.74%
Expected dividend yield	0.00 %
Expected volatility	80.79 — 96.45%
Expected term	3 Years

As of September 30, 2023, the Company had 391,666 stock options outstanding of which all are fully vested options. As of September 30, 2023, the Company had 77,386 common stock grants outstanding of which 67,530 were vested but not issued and 9,856 were not yet vested. All granted and outstanding common stock grants will fully vest by September 30, 2024. The Company had unrecognized stock-based compensation related to common stock grants of \$10 thousand as of September 30, 2023.

As of September 30, 2023, the Company had 322,358 RSUs outstanding of which 148,241 were vested but not issued and 174,117 were not yet vested. All granted and outstanding RSUs will fully vest by August 1, 2024. The Company had unrecognized stock-based compensation related to RSUs of \$146 thousand as of September 30, 2023.

A summary of outstanding RSU activity is as follows:

	RSU Outstanding Number of Shares
Balance as of January 1, 2022	126,900
Granted	211,700
Vested (issued)	(46,036)
Forfeited	—
Balance as of December 31, 2022	292,564
Granted	4,627
Vested (issued)	—
Forfeited	(20,601)
Balance as of March 31, 2023	276,590
Granted	4,626
Vested (issued)	(98,193)
Forfeited	3,766
Balance as of June 30, 2023	186,789
Granted	136,906
Vested (issued)	(1,337)
Forfeited	—
Balance as of September 30, 2023	<u><u>322,358</u></u>

	RSU Outstanding Number of Shares
Balance as of January 1, 2022	126,900
Granted	211,700
Vested (issued)	(46,036)
Forfeited	—
Balance as of December 31, 2022	292,564
Granted	146,159
Vested (issued)	(99,530)
Forfeited	(16,835)
Balance as of September 30, 2023	<u><u>322,358</u></u>

Stock-based compensation expense

Our consolidated statements of operations include stock-based compensation expense as follows:

	Three months ended September 30,		Nine months ended September 30,	
	2023	2022	2023	2022
Cost of services	\$ 11,169	\$ 10,122	\$ 11,825	\$ 13,516
Research and development	48,336	96,113	79,956	206,413
Selling, general, and administrative	88,535	744,566	213,569	1,378,304
Total stock-based compensation expense	<u><u>\$ 148,040</u></u>	<u><u>\$ 850,801</u></u>	<u><u>\$ 305,350</u></u>	<u><u>\$ 1,598,233</u></u>

8. Related Party Transactions

Related party payables of \$128 thousand and \$273 thousand as of September 30, 2023 and December 31, 2022, respectively, primarily relate to amounts owed to 10Clouds, the Company's contractor for software development and investor in the Company, and smaller amounts payable to members of management as expense reimbursements. Total costs incurred in relation to 10Clouds for the three months ended September 30, 2023 and 2022, totaled approximately \$164 thousand and \$254 thousand, respectively. Total costs incurred in relation to 10Clouds for the nine months ended September 30, 2023 and 2022, totaled approximately \$699 thousand and \$688 thousand, respectively.

Legal Services

A member of management provides legal services to the Company from a law firm privately owned and separate from the Company. Certain services are provided to the Company through this law firm. Total expenses incurred by the Company in relation to these services totaled \$0 and \$32 thousand during the three months ended September 30, 2023 and 2022, respectively. Total expenses incurred by the Company in relation to these services totaled \$0 and \$95 thousand during the nine months ended September 30, 2023 and 2022, respectively. Amounts payable as of September 30, 2023 and December 31, 2022 were \$0.

Options Agreement

The Company has agreed, with effect from November 13, 2020, to grant a three-year loan in the amount of \$335 thousand with an abated interest rate of 0.25% per annum to an advisory contractor to purchase 281,648 options. The options provide for the right to acquire shares of Class A Common Stock at a strike price of \$6.00 per share. The options have no vesting period and will expire in November 2023. The loan was repaid with in-kind services from the contractor at a rate of \$9 thousand per month for 36 months with the first payment receipt in April 2020 and the final payment received in February 2023. As of September 30, 2023 and December 31, 2022, the shareholder loan balances were \$0 and \$19 thousand, respectively.

Mutual Channel Agreement

On November 15, 2020, the Company entered into a Mutual Channel Agreement with Vital4Data, Inc., a company at which Kristin Stafford serves as Chief Executive Officer, who is a current Director of the Company. Pursuant to the agreement, the Company engaged Vital4Data, Inc. as a non-exclusive sales representative for the Company's products and services. Vital4Data, Inc. is entitled to compensation in the form of commissions, receiving a 20% of commission-eligible on net revenue from sales generated by Vital4Data, Inc. in the first year of the contract term, which is reduced to 10% in the second year, and 5% in the third year. The Company has not earned or expensed any commissions pursuant to the Vital4Data, Inc. agreement to date. As of September 30, 2023 and December 31, 2022, the Vital4Data, Inc. commission due was \$0.

9. Malta Grant

During July 2020 the Company entered into an agreement with the Republic of Malta that would provide for a grant of up to € 200 thousand or \$251 thousand as reimbursement for operating expenses over the first twelve months following Trust Stamp Malta's incorporation in the Republic of Malta. The Company must provide an initial capital amount of €50 thousand or \$62 thousand, which is matched with a €50 thousand or \$62 thousand grant. The remaining €150 thousand or \$190 thousand are provided as reimbursement of operating expenses twelve months following incorporation.

U.S. GAAP does not provide authoritative guidance regarding the receipt of economic benefits from government entities in return for compliance with certain conditions. Therefore, based on ASC 105-10-05-2, non-authoritative accounting guidance from other sources was considered by analogy in determining the appropriate accounting treatment, the Company elected to apply International Accounting Standards 20 – Accounting for Government Grants and Disclosure of Government Assistance and recognizes the expected reimbursements from the Republic of Malta as deferred income. As reimbursable operating expenses are incurred, a receivable is recognized (reflected within "Prepaid expenses and other current assets" in the unaudited condensed consolidated balance sheets) and income is recognized in a similar systematic basis over the same periods in the unaudited condensed consolidated statements of operations. During the nine months ended September 30, 2023 and 2022, the Company incurred \$0 in expenses that are reimbursable under the grant. As of September 30, 2023, all amounts provided for under this grant were received.

On January 25, 2022, the Company entered into an additional agreement with the government of Malta for a grant of up to € 100 thousand or \$107 thousand, in terms of the 'Investment Aid to produce the COVID-19 Relevant Product' program, to support the proposed investment. The estimated value of the grant is €136,568 or \$146,493, at an aid intensity of 75% to cover eligible wage costs incurred after February 1, 2022 in relation to new employees engaged specifically for the implementation of the project. On September 22, 2022, the Company entered into an amendment agreement that enables the Company to submit eligible employee expenses for reimbursement by October 31, 2022. The grant was approved in January 2022, however, the request for payment was not approved and management abandoned the agreement. Hence, during the nine months ended September 30, 2023 and 2022, the Company incurred \$0, respectively, in expenses that are reimbursable under the grant. As of September 30, 2023, no amounts provided under this grant were received.

10. Leases and Commitments

Operating Leases — The Company leases office space in Atlanta, Georgia, which serves as its corporate headquarters, office space in Malta, which serves as its research and development facility, and vehicles in Malta that are considered operating lease arrangements under ASC 842 guidance. In addition, the Company contracts for month-to-month coworking arrangements in other office spaces in North Carolina, Denmark, Poland, and Rwanda to support its dispersed workforce. As of September 30, 2023, there were no minimum lease commitments related to month-to-month lease arrangements.

Initial lease terms are determined at commencement date, the date the Company takes possession of the property, and the commencement date is used to calculate straight-line expense for operating leases. Certain leases contain renewal options for varying periods, which are at the Company's sole discretion. For leases where the Company is reasonably certain to exercise a renewal option, such option periods have been included in the determination of the Company's Operating lease right-of-use assets and Operating lease liabilities. The Company's leases have remaining terms of 1 to 3 years. As the

Company's leases do not provide an implicit rate, the present value of future lease payments is determined using the Company's incremental borrowing rate based on information available at the commencement date.

Lease term and discount rate	September 30, 2023
Weighted average remaining lease term	1.29 years
Weighted average discount rate	5.0 %

During the nine months ended September 30, 2023, the Company terminated four leases including two offices in Malta and two vehicles in Malta. The terminated leases were operating leases. As a result of the terminations, the Company incurred \$11 thousand in lease termination fees and recorded a loss of \$178 related to this lease termination for the nine months ended September 30, 2023.

	September 30, 2023
Leases terminated	4
Lease termination fees	\$ 10,932
Operating lease right-of-use assets derecognized upon lease termination	\$ 82,095
Lease liabilities derecognized upon lease termination	\$ 77,648
Loss recognized upon lease termination	\$ 178

On April 28, 2023, the Company extended the Malta office lease agreement, which would have ended on July 28, 2023, for a term of one additional year. The lease extension increased the Operating lease right-of-use asset by \$82 thousand and the operating lease liability by \$ 83 thousand. The Company classified the amended lease as an operating lease under ASC 842.

Balance sheet information related to leases as of September 30, 2023 and December 31, 2022 was as follows:

	September 30, 2023	December 31, 2022
Operating lease right-of-use assets		
Operating lease right-of-use assets	\$ 164,854	\$ 315,765
Operating lease liabilities		
Short-term operating lease liabilities	\$ 108,583	\$ 177,795
Long-term operating lease liabilities	31,785	102,407
Total operating lease liabilities	\$ 140,368	\$ 280,202

Future maturities of ASC 842 lease liabilities as of September 30, 2023 are as follows:

	Imputed		
	Principal Payments	Interest Payments	Total Payments
2023	\$ 38,207	\$ 1,497	\$ 39,704
2024	79,362	2,350	81,712
2025	22,220	380	22,600
2026	579	—	579
Total future maturities	\$ 140,368	\$ 4,227	\$ 144,595

Total lease expense, under ASC 842, was included in Selling, general, and administrative expenses in our consolidated statement of operations for the three and nine months ended September 30, 2023 as follows:

	Three months ended		Nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Operating lease expense – fixed payments	\$ 40,060	\$ —	\$ 169,496	\$ —
Short term lease expense	10,846	—	48,399	—
Total lease expense	\$ 50,906	\$ —	\$ 217,895	\$ —

Supplemental cash flows information related to leases was as follow:

	Nine Months Ended September 30, 2023
Cash paid for amounts included in the measurement of lease liabilities:	
Operating cash flows from operating leases	\$ (145,483)

During the nine months ended September 30, 2023, the Company did not incur variable lease expense.

Financial Liability Obligation — As of September 30, 2023, the Company's financial liability totaled \$ 162 thousand for an executed agreement with a telecommunications company for acquiring mobile hardware. On March 3, 2023, the Company provided a 30-day termination notice to the telecommunications company which terminates the mobile hardware data service. Under the contract terms with the telecommunications company, upon termination of the data service the Company must pay the remaining financial liability during the final data service billing period. The remaining financial liability is expected to be paid within the year ending December 31, 2023.

Litigation — The Company is not currently involved with and does not know of any pending or threatening litigation against the Company or any of its officers or directors in connection with its business.

11. Subsequent Events

Subsequent events have been evaluated through November 7, 2023, the date these unaudited condensed consolidated financial statements were available to be issued.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with our unaudited condensed consolidated financial statements and the accompanying notes thereto included elsewhere in this Quarterly Report. All share and per share amounts in these unaudited condensed consolidated financial statements have been retroactively restated to reflect the one share for every five shares Reverse Split that became effective March 23, 2023 as described in Note 1 to the financial statements provided under Item 1 of this report. This discussion contains forward-looking statements based upon current plans, expectations, and beliefs, involving risks and uncertainties. Our actual results may differ materially from those anticipated in these forward-looking statements. Our historical results are not necessarily indicative of the results that may be expected for any period in the future.

Overview

Trust Stamp was incorporated under the laws of the State of Delaware on April 11, 2016 as "T Stamp Inc." T Stamp Inc. and its subsidiaries ("Trust Stamp", "we", or the "Company") develop and market identity authentication software for enterprise and government partners and peer-to-peer markets.

Trust Stamp develops proprietary artificial intelligence-powered identity and trust solutions at the intersection of biometrics, privacy, and cybersecurity, that enable organizations to protect themselves and their users, while empowering individuals to retain ownership of their identity data and prevent fraudulent activity using their identity.

Trust Stamp tackles industry challenges including data protection, regulatory compliance, and financial accessibility, with cutting edge technology including biometric science, cryptography, artificial intelligence, and machine learning. Our core technology irreversibly transforms identity information to create tokenized identifiers that enable probabilistic authentication without the need to store or share biometric images or traditional templates. By retaining the usefulness of biometric-derived data while minimizing the risk, we allow businesses, NGOs, and government agencies to adopt biometrics and other anti-fraud initiatives while protecting end-user personal information from hacks and leaks.

Trust Stamp's key sub-markets are identity authentication for the purpose of account opening, access and fraud detection, the creation of tokenized digital identities to facilitate financial and societal inclusion, and in-community case management software for alternatives to detention and other governmental uses.

As biometric solutions proliferate, so does the need to protect biometric data. Stored biometric images and templates represent a growing and unquantified financial, security and PR liability and are the subject of governmental, media and public scrutiny, since biometric data cannot be "changed" once they are hacked, as they are directly linked to the user's physical features and/or behaviors. Privacy concerns around biometric technology have led to close attention from regulators, with multiple jurisdictions placing biometrics in a special or sensitive category of personal data and demanding much stronger safeguards around collection and safekeeping.

To address this unprecedented danger and the increased cross-industry need to establish trust quickly and securely in virtual environments, Trust Stamp has developed its Irreversibly Transformed Identity Token, or IT²™, solutions, which replace biometric templates with a cryptographic hash that can never be rebuilt into the original data and cannot be used to identify the subject outside the environment for which it is designed.

Trust Stamp's data transformation and comparison technology is vendor and modality agnostic, allowing organizations including other biometric services providers to benefit from the increased protection, efficiency, and utility of our proprietary tokenization process. With online and offline functionality, Trust Stamp technology is effective in even the most remote locations in the world.

Trust Stamp also offers end-to-end solutions for multi-factor biometric authentication for account access and recovery, KYC/AML compliance, customer onboarding, and more, which allow organizations to approve more genuine users, keep bad actors from accessing systems and services, and retain existing users with a superior user experience.

Markets

Trust Stamp has evaluated the market potential for its services in part by reviewing the following reports, articles, and data sources, none of which were commissioned by the Company, and none of which are to be incorporated by reference:

Data security and fraud

- In 2022, 4,145 publicly disclosed breaches exposed over 22 billion records according to the "2021 Year End Report: Data Breach QuickView" published by Flashpoint.
- The cumulative merchant losses to online payment fraud between 2023 and 2027 will exceed \$343 billion globally according to a 2022 report titled "Fighting Online Payment Fraud in 2022 & Beyond" published by Juniper Research.

Trust Stamp addresses this market with biometric identity verification and biometric authentication solutions — which offer Trust Stamp's proprietary irreversible identity token to perform biometric-based matching in a secure and tokenized domain, matching tokenized personally identifiable information while implementing liveness detection.

Biometric authentication

- By 2027, the value of biometrically authenticated remote mobile payments will reach \$1.2 trillion globally, according to a 2022 report titled "Mobile Payment Biometrics" published by Juniper Research.
- The global biometric system market size is valued at \$41.1 billion per annum in 2023, with a forecast compound growth of 20.4% from 2023 to 2030 with a 2030 revenue forecast of \$150.6 billion according to the 2023 report titled "Biometric Technology Market Size, Share & Trends Analysis Report By Component, By Offering, By Authentication Type, By Application, By End-use, By Region, And Segment Forecasts, 2023 — 2030" published by Grand View Research.

Trust Stamp addresses this market through its biometric authentication and liveness detection products — which offer Trust Stamp's proprietary irreversible identity token to perform biometric matching in a secure and tokenized domain. This permits biometric authentication without the risk of storing pictures and biometric templates.

Financial and societal inclusion

- As of 2021, 1.4 billion people were unbanked according to the "Global Findex Database 2021" published by The World Bank.
- 131 million small and medium-sized enterprises in emerging markets lack access to finance, limiting their ability to grow and thrive (UNSGSA Financial Inclusion Webpage, Accessed March 2023)
- The global market for Microfinance is estimated at \$157 Billion in the year 2020, and is projected to reach \$342 billion by 2026 according to the 2022 report titled "Microfinance - Global Market Trajectory & Analytics" published by Global Industry Analysts, Inc.

Trust Stamp's biometric authentication, liveness detection, and information tokenization enable individuals to verify and establish their identities using biometrics. While individuals in this market lack traditional means of identity verification, Trust Stamp provides a means to authenticate identity that preserves an individual's privacy and control over that identity.

Alternatives to Detention ("ATD")

- The ATD market includes Federal, State, and Municipal agencies for both criminal justice and immigration purposes. Trust Stamp addresses the ATD market with applications built on Trust Stamp's privacy-preserving solutions allowing individuals to comply with ATD requirements using ethical and humane technology methodologies. Trust Stamp has developed innovative patented technologies for use in the ATD market encompassing biometrics, geolocation, and tokenization as well as a proprietary, tamper-resistant, battery-free "Tap-In-Band" that can complement or replace biometric check-in requirements and provide a lower-cost and more humane alternative to traditional "ankle bracelet" technology.

In addition to its key sub-markets, the Company is developing products and working with partners and industry organizations in other sectors that offer significant market opportunities, in particular, the travel, healthcare, Metaverse platform and cryptographic key and account credential safekeeping sectors. For example, the Company has developed a "crypto key vault" solution that leverages proven facial biometric authentication and irreversible data transformation technology to protect private keys for digital assets while ensuring long-term data protection and access credential availability.

Principal Products and Services

Trust Stamp's most important technology is the Irreversibly Transformed Identity Token TM (also known as the *IT²TM*, *Evergreen HashTM*, *EgHashTM* and *MyHashTM*) combined with a data architecture that can use one or multiple sources of biometric or other identifying data. Once a "hash translation" algorithm is created, like-modality hashes are comparable regardless of their origin. The *IT²* protects against system and data redundancy, providing a lifelong "digital-DNA" that can store (or pivot to) any type of KYC or relationship data with fields individually hashed or (salted and) encrypted, facilitating selective data sharing. Products utilizing the *IT²* are Trust Stamp's primary products, accounting for the majority of its revenues during the nine months ended September 30, 2023.

We adhere to the best practices outlined in the National Institute of Standards and Technology ("NIST") and International Organization for Standardization ("ISO") frameworks, and our policies and procedures in managing personally identifiable information ("PII") are in compliance with General Data Protection Regulation ("GDPR") requirements wherever such requirements are applicable.

Key Customers

The Company's initial business consisted of developing proprietary privacy-first identity solutions and then implementing them through custom applications built and maintained for a small number of key customers. In 2022, the Company added to its product offerings a modular and highly scalable Software-as-a-Service (SaaS) model with low-code or no implementation ("the Orchestration Layer"). Although the Company remains open to significant opportunities to deliver custom solutions, sales of Orchestration Layer products are the primary focus of the Company's sales and development initiatives. This strategic pivot in the Company's go-to-market approach is expected to negatively impact revenue in 2023 while substantially increasing potential revenue in 2024 and thereafter.

Historically, the Company generated most of its income through two long-term partnerships, comprising a relationship with an S&P 500 bank with services provided pursuant to a Master Software Agreement entered into in 2017, together with a relationship with Mastercard International ("Mastercard") with services provided under the terms of a ten-year technology services agreement entered into in March 2019 (the "TSA"). Both of those relationships remain strong, and the Company anticipates future revenue growth from the two relationships.

Under the TSA, *IT²TM* technology is being implemented by Mastercard for Humanitarian & Development purposes as a core element of its Community Pass and Inclusive Identity offerings. Use cases include not only financial services for individuals and businesses but also empowering people and communities to meet basic needs, such as nutritious food, clean water, housing, education, and healthcare. Under the TSA, the Company is paid to develop and host software solutions utilizing the *IT²* and to support Mastercard's implementations. In addition, the Company is paid on a "per user per year" basis for all transactions utilizing its technology. In December of 2022, the Company entered into a modification of the agreed pricing schedule with Mastercard to move from a per-use to a per-user-year model to broaden the range of potential use cases. The TSA may be terminated by either party in the event of a material breach by the other party that remains uncured within thirty days after notice is received of such a breach. Either party may terminate the TSA if the other party becomes, including, but not limited to, insolvent, subject to bankruptcy, dissolved or liquidated. Unless the TSA is terminated, the TSA will automatically renew for additional one year-periods unless either party provides ninety days written notice of intent not to renew. To date, the Company has received guaranteed minimum annual payments on account of usage. Mastercard's Community Pass program currently serves approximately 3.5 million users and is targeting 30 million users by 2027. Based upon information provided to us by Mastercard we anticipate user-based revenue starting in 2024 and growing year-on-year thereafter.

In 2022, the Company expanded its key customer base to include a relationship with Fidelity Information Services, LLC ("FIS"), a relationship focused upon the implementation of our Orchestration Layer and underlying technologies in FIS' Global KYC product offering.

The Orchestration Layer is a low-code platform that is designed to be a one-stop shop for Trust Stamp services and provides for easy integration to our products; chargeable on a per-use basis. The Orchestration Layer utilizes the Company's next-generation identity package, offering rapid deployment across devices and platforms, with custom workflows that seamlessly orchestrate trust across the identity lifecycle for a consistent user experience in processes for onboarding and KYC/AML, multi-factor authentication, account recovery, fraud prevention, compliance, and more. The Orchestration Layer facilitates no-code and low-code implementations of the Company's technology making adoption and updating faster and cost-effective for a broader range of potential customers.

In the third quarter of 2022, the Company acquired its first 2 new customers on the Orchestration Layer through its partnership with FIS, and in the fourth quarter of 2022, 4 additional FIS customers onboarded. As of the date of this Quarterly Report, a total of 35 financial institutions with over \$297 billion in assets have been onboarded via FIS, bringing the total number of (FIS and non-FIS) customers either fully implemented or are currently implementing the Orchestration Layer to 38. The first (non-FIS) client onboarded to the Orchestration Layer in the third quarter of 2022 has generated \$180 thousand of revenue for the Company to date including \$137 thousand during the nine months ended September 30, 2023. Although each of the institutions onboarded via FIS pays a small onboarding fee, given the typical time taken by a financial institution to test, implement and roll out any new technology, the Company does not anticipate significant revenue from the new FIS customers until 2024.

Reinforced by the product-market fit indicated by the FIS roll-out, the Company is building an internal direct sales force to offer the Orchestration Layer to non-FIS institutions. A key criteria for the account executives recruited is possessing significant experience and a successful track record in the identity solutions market. The Company anticipates contracted revenue from this initiative in 2023 and significant banked revenue in 2024.

In Management's opinion, we would be able to continue operations without our current customers, including our channel partnership with FIS. However, the unanticipated loss of the Company's current customers could have an adverse effect on the Company's financial position.

Key Business Measures

In addition to the measures presented in our unaudited condensed consolidated financial statements, we use the following key non-GAAP business measure to help us evaluate our business, identify trends affecting our business, formulate business plans and financial projections, and make strategic decisions.

Adjusted EBITDA

This discussion includes information about Adjusted EBITDA that is not prepared in accordance with U.S. GAAP. Adjusted EBITDA is not based on any standardized methodology prescribed by U.S. GAAP and is not necessarily comparable to similar measures presented by other companies. A reconciliation of this non-GAAP measure is included below.

Adjusted EBITDA is a non-GAAP financial measure that represents U.S. GAAP net income (loss) adjusted to exclude (1) other expense, (2) other income, (3) gain on sale of mobile hardware, (4) interest expense, (5) interest income, (6) stock-based compensation, (7) impairment of assets, (8) non-cash expenses for in-kind services, (9) depreciation, and (10) certain other items management believes affect the comparability of operating results.

Management believes that Adjusted EBITDA, when viewed with our results under U.S. GAAP and the accompanying reconciliations, provides useful information about our period-over-period results. Adjusted EBITDA is presented because management believes it provides additional information with respect to the performance of our fundamental business activities and is also frequently used by securities analysts, investors and other interested parties in the evaluation of comparable companies. We also rely on Adjusted EBITDA as a primary measure to review and assess the operating performance of our Company and our management, and it will be a focus as we invest in and grow the business.

Adjusted EBITDA has limitations as an analytical tool and should not be considered in isolation from, or as a substitute for, analysis of our results as reported under GAAP. Some of these limitations are:

- Adjusted EBITDA does not reflect our cash expenditures or future requirements for capital expenditures or contractual commitments.
- Adjusted EBITDA does not reflect changes in, or cash requirements for our working capital needs.

- Although Depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and Adjusted EBITDA does not reflect any cash requirements for such replacements.
- Adjusted EBITDA does not include the impact of certain charges or gains resulting from matters we consider not to be indicative of our ongoing operations.

Due to these limitations, Adjusted EBITDA should not be considered as a measure of discretionary cash available to us to invest in the growth of our business. We compensate for these limitations by relying primarily on our U.S. GAAP results and using Adjusted EBITDA only as a supplement to our U.S. GAAP results.

Reconciliation of Net Loss to Adjusted EBITDA

	For the three months ended		For the nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Net loss before taxes	\$ (35,162)	\$ (3,439,892)	\$ (4,752,980)	\$ (8,054,240)
Add: Other expense	1,377	7,484	4,174	102,269
Less: Other income	—	(3,546)	(48,335)	(16,160)
Less: Gain on sale of mobile hardware	—	—	(212,882)	—
Add: Interest expense, net	9,759	2,889	29,753	9,202
Add: Change in fair value of warrant liability	2,142	(11,307)	(3,473)	(88,367)
Add: Stock-based compensation	148,040	850,801	305,350	1,598,233
Add: Impairment loss of assets	—	1,260	16,819	25,144
Add: Non-cash expenses for in-kind services	—	27,930	18,547	83,790
Add: Depreciation and amortization	189,655	203,106	596,109	547,737
Adjusted EBITDA income (loss) (non-GAAP)	\$ 315,811	\$ (2,361,275)	\$ (4,046,918)	\$ (5,792,392)

Adjusted EBITDA (non-GAAP) income (loss) for the three months ended September 30, 2023 was \$316 thousand representing an improvement of 113.37% from the Adjusted EBITDA (non-GAAP) income (loss) of \$2.36 million for the three months ended September 30, 2022. The overall improvement in Adjusted EBITDA income (loss) during the three months ended September 30, 2023 was driven by the decrease of \$3.40 million or 98.98% in Net loss before taxes as a result of recognizing Interactive Global Solutions ("IGS") non-refundable license revenue advances for the provision of software of \$2.51 million. In addition, Net loss before taxes decreased due to various operating cost reductions initiated in 2022, particularly in Selling, general, and administrative expenses which the Company is now reaping the benefit of in 2023. See "Results of Operations" below for further discussion on the drivers behind the decrease in Net loss before taxes during the three months ended September 30, 2023.

Adjusted EBITDA (non-GAAP) income (loss) for the nine months ended September 30, 2023, decreased by 30.13%, to \$4.05 million from \$5.79 million for the nine months ended September 30, 2022. The overall decrease in Adjusted EBITDA income (loss) was driven primarily by reductions in Selling, general, and administrative expenses (as a result of various operating cost reductions initiated in 2022) including the \$1.29 million reduction of stock-based compensation during the nine months ended September 30, 2022 but not during the nine months ended September 30, 2023. In addition, the IGS Contract resulted in \$2.51 million in Net revenue for the provision of software during the nine months ended September 30, 2023, and the release from future contractual obligations for maintenance and upgrades as a result of the termination of the IGS Contract discussed in *Liquidity and Capital Resources* subsection below. See "Results of Operations" below for further discussion on the drivers behind the decrease in stock-based compensation during the nine months ended September 30, 2023.

Comparison of the Three and Nine Months Ended September 30, 2023 and 2022

The following table summarizes our condensed consolidated statements of operations for the three and nine months ended September 30, 2023 and 2022:

	For the three months ended		For the nine months ended	
	September 30,		September 30,	
	2023	2022	2023	2022
Net revenue	\$ 3,065,804	\$ 1,348,478	\$ 3,985,242	\$ 4,877,809
Operating Expenses:				
Cost of services (exclusive of depreciation and amortization shown separately below)	239,313	529,023	660,199	1,571,166
Research and development	605,196	777,800	1,811,962	1,766,164
Selling, general, and administrative	2,053,524	3,281,661	5,900,715	9,014,894
Depreciation and amortization	189,655	203,106	596,109	547,737
Total Operating Expenses	3,087,688	4,791,590	8,968,985	12,899,961
Operating Loss	(21,884)	(3,443,112)	(4,983,743)	(8,022,152)
Non-Operating Income (Expense):				
Interest expense, net	(9,759)	(2,889)	(29,753)	(9,202)
Change in fair value of warrant liability	(2,142)	11,307	3,473	88,367
Impairment of digital assets	—	(1,260)	—	(25,144)
Other income	—	3,546	261,217	16,160
Other expense	(1,377)	(7,484)	(4,174)	(102,269)
Total Other Income (Expense), Net	(13,278)	3,220	230,763	(32,088)
Net Loss before Taxes	(35,162)	(3,439,892)	(4,752,980)	(8,054,240)
Income tax expense	—	—	—	—
Net loss including non-controlling interest	(35,162)	(3,439,892)	(4,752,980)	(8,054,240)
Net loss attributable to non-controlling interest	—	—	—	—
Net loss attributable to T Stamp Inc.	\$ (35,162)	\$ (3,439,892)	\$ (4,752,980)	\$ (8,054,240)
Basic and diluted net loss per share attributable to T Stamp Inc.	\$ (0.00)	\$ (0.75)	\$ (0.71)	\$ (1.75)
Weighted-average shares used to compute basic and diluted net loss per share	8,155,617	4,693,465	6,658,205	4,632,683

Comparison of the three months ended September 30, 2023 and 2022

Net revenue

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Net revenue	\$ 3,065,804	\$ 1,348,478	\$ 1,717,326	127.35 %

During the three months ended September 30, 2023, Net revenue increased to \$3.07 million, or 127.35% from Net revenue of \$1.35 million for the three months ended September 30, 2022. During the three months ended September 30, 2023, the \$3.07 million in Net revenue consisted of \$2.51 million from IGS, \$243 thousand from Mastercard, \$186 thousand from an S&P 500 bank, and \$127 thousand from various other customers. The majority of the increase in the Net revenue for the comparative periods relates to the termination of the September 15, 2022 Master Services Agreement with IGS ("IGS Contract") which resulted in \$2.51 million in Net revenue during the three months ended September 30, 2023 and the release from future contractual obligations for maintenance and upgrades as a result of the termination of the IGS Contract discussed in *Liquidity and Capital Resources* subsection below. Despite this termination, the Company is optimistic about future growth in the government sector and is actively engaged with potential strategic partners and identified opportunities.

During the three months ended September 30, 2023, the Company generated \$139 thousand total revenue from customers using the Orchestration Layer including implementing the platform for 7 new enterprise customers onboarded through FIS. Since its launch in the third quarter of 2022, there have been 38 enterprise customers on the Orchestration Layer platform, including 35 financial institutions, as of September 30, 2023. Orchestration Layer's first enterprise customer is in full production with revenue growth of 235% and generation of monthly recurring revenue with gross margins in excess of 84%. Finally, the Company's S&P 500 bank customer began its transition to an augmented version of the SaaS platform during the three months ended September 30, 2023.

The Orchestration Layer is designed to be a one-stop-shop for Trust Stamp services and provides for easy integration to our products; chargeable on a per-use basis and is accelerating the Company's evolution from being exclusively a custom solutions provider to also offering a modular and highly scalable SaaS model with low-code implementation.

The increases in Net revenue during the three months ended September 30, 2023 were offset by the September 23, 2021 U.S. Immigration and Customs Enforcement contract ("ICE Contract") which produced \$844 thousand in Net revenue during the three months ended September 30, 2022 and was subsequently terminated during fiscal year 2022.

Cost of services

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Cost of services	\$ 239,313	\$ 529,023	\$ (289,710)	(54.76)%

Cost of services ("COS") decreased by \$290 thousand or 54.76% for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The decrease over the comparison periods was primarily driven by the costs related to servicing requirements from the ICE Contract. ICE Contract-related COS for the three months ended September 30, 2022, were \$269 thousand, including vendor and other miscellaneous costs as well as direct labor costs, versus \$0 during the three months ended September 30, 2023 (as a result of the ICE Contract being terminated in 2022).

After adjusting the COS for ICE Contract, COS was reduced by \$21 thousand despite onboarding 29 new enterprise customers during the nine months ended September 30, 2023, and is a result of the lower marginal costs that are inherent in SaaS platforms such as the Orchestration Layer.

Research and development

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Research and development	\$ 605,196	\$ 777,800	\$ (172,604)	(22.19)%

Research and development ("R&D") expenses decreased by \$173 thousand, or 22.19% for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The decrease in R&D expense during the three months ended September 30, 2023 was driven by a decrease in the Company's R&D team which reduced from 64 full-time equivalents ("FTE") for the three months ended September 30, 2022 to 50 FTE for the three months ended September 30, 2023.

In addition, R&D costs decreased for the three months ended September 30, 2023 due to a reduction in outsourced software development as the Company continued to transition this work internally.

Selling, general, and administrative

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Selling, general, and administrative	\$ 2,053,524	\$ 3,281,661	\$ (1,228,137)	(37.42)%

Selling, general, and administrative expense ("SG&A") decreased by \$1.23 million, or 37.42%, for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The decrease in SG&A expense was driven mostly by the reductions in global headcount and associated overhead as result of the Company's 2022 cost cutting

initiatives. Headcount reductions were 14.00%, from 100 FTE for the three months ended September 30, 2022 compared to 86 FTE for the three months ended September 30, 2023. In effect, salaries, bonus and stock-based compensation, related payroll costs, and sales commissions reduced by \$738 thousand for the three months ended September 30, 2023 compared to the three months ended September 30, 2022.

Other notable reductions in SG&A for the three months ended September 30, 2023 included a \$681 thousand combined reduction due to decreases in costs related to carrying mobile hardware assets, corporate travel, management consulting and training, rent expense, marketing expense, and subscription fees as direct result of the Company's recent non-personnel cost cutting initiative, offset by various increases including \$180 thousand for legal and professional services.

Depreciation and amortization

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Depreciation and amortization	\$ 189,655	\$ 203,106	\$ (13,451)	(6.62)%

Depreciation and amortization ("D&A") decreased by \$13 thousand, or 6.62% for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The \$13 thousand decrease in D&A expense between the comparative periods was primarily related to the \$30 thousand decrease in D&A expense related to the depreciation of mobile hardware assets that were sold during the three months ended September 30, 2023. There were no mobile hardware assets or related depreciation expenses during that period.

The decrease of depreciation expense from the sale of mobile hardware assets was offset by the increase in patent amortization during the three months ended September 30, 2023 as a result of new pending patent applications and issued patents with the United States Patent and Trademark Office. During the three months ended September 30, 2023, the Company had 3 new provisional and utility patents issued including the patent for the Tap-In Band™. The Tap-In Band™ is a wrist-worn, tamper resistant, hypoallergenic near-field communication band that facilitates discrete check-in by, and communication with, participants in community based supervision programs. This technology and associated biometric processes utilize Trust Stamp's patented IT² identity tokenization processes that allow users to biometrically authenticate without the need to store biometric images or templates.

In addition, there was an increase in amortization expense for Capitalized internal-use software driven by the increase in the total balance of Capitalized internal-use software. While the amounts of Capitalized internal-use software vary from period to period, we continue to see a trend of increasing software amortization which has been driven by the growth in software capitalization over the prior periods. Overall, this is a further result of newly issued patents continuing to produce new internal-use software, or microservices, that have reached technical feasibility and can be configured into new products for monetization.

Operating loss

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Operating loss	\$ (21,884)	\$ (3,443,112)	\$ 3,421,228	(99.36)%

The Company's Operating loss decreased by \$3.42 million or 99.36% for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The increase in Net revenue of \$1.72 million or 127.35% was chiefly due to the recognition of IGS nonrefundable license revenue. Additionally, there was a \$1.70 million or 35.56% reduction in operating expenses as a result of various cost cutting measures initiated during fiscal years 2022 and 2023 that have outpaced the reduction in Net revenue, thereby producing desirable margin growth and greater company efficiency.

Interest expense, net

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Interest expense, net	\$ (9,759)	\$ (2,889)	\$ (6,870)	237.80 %

Interest expense, net increased by \$7 thousand, or 237.80% for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. During the three months ended September 30, 2023, there was \$155 and \$10 thousand of interest income and interest expense, respectively. During the three months ended September 30, 2022, there was \$1 thousand and \$4 thousand of interest income and interest expense, respectively. All interest earned and expensed during the comparative periods were a result of normal operating activities within various immaterial interest-earning accounts.

Change in fair value of warrant liability

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Change in fair value of warrant liability	\$ (2,142)	\$ 11,307	\$ (13,449)	(118.94)%

The Company recognized a loss in Change in fair value of warrant liability during three months ended September 30, 2023 of \$2 thousand compared to a gain of \$11 thousand during the three months ended September 30, 2022. This change is based on the fair value assessment and adjustment for one warrant liability as described in Note 3 to the financial statements provided under Item 1 of this report.

Impairment of digital assets

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Impairment of digital assets	\$ —	\$ (1,260)	\$ 1,260	(100.00)%

The Company recognized an impairment on digital assets during the three months ended September 30, 2022, of \$1 thousand. Digital assets are considered indefinite-lived Intangible assets, net under applicable accounting rules. Accordingly, any decrease in their fair values below our carrying values for such assets at any time subsequent to their acquisition requires recognition of impairment.

Other income

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Other income	\$ —	\$ 3,546	\$ (3,546)	(100.00)%

Other income decreased by \$4 thousand for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. The three months ended September 30, 2022 balance consists primarily of miscellaneous income from Biometric Innovations Limited related to VAT and statutory maternity pay refunds. For the three months ended September 30, 2023 there was no Other income due to the lack of operations in Biometric Innovations Limited.

Other expense

	Three months ended September 30,			
	2023	2022	\$ Change	% Change
Other expense	\$ (1,377)	\$ (7,484)	\$ 6,107	(81.60)%

Other expense decreased by \$6 thousand for the three months ended September 30, 2023, compared to the three months ended September 30, 2022. During the three months ended September 30, 2022, the Company recorded \$8 thousand for subsidiary expense eliminations. The main variance is a result of a subsidiary company dissolution that was effective on May 10, 2023.

Comparison of the nine months ended September 30, 2023 and 2022

Net revenue

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Net revenue	\$ 3,985,242	\$ 4,877,809	\$ (892,567)	(18.30)%

During the nine months ended September 30, 2023, Net revenue decreased to \$3.99 million, being a decrease of 18.30% from Net revenue of \$4.88 million for the nine months ended September 30, 2022. During the nine months ended September 30, 2023, the \$3.99 million in Net revenue consisted of \$2.51 million from IGS, \$596 thousand from a S&P 500 bank, \$502 thousand from Mastercard, and various other customers for the remaining \$377 thousand. The majority of the decrease in the comparative periods relates to the September 23, 2021 U.S. Immigration and Customs Enforcement contract ("ICE Contract") which produced \$3.29 million in Net revenue during the nine months ended September 30, 2022 and was subsequently terminated during fiscal year 2022.

The decrease from the ICE contract termination is offset by the increase in the Net revenue from the IGS Contract which resulted in \$2.51 million in Net revenue for the provision of software during the nine months ended September 30, 2023, and the release from future contractual obligations for maintenance and upgrades as a result of the termination of the IGS Contract discussed in *Liquidity and Capital Resources* subsection below. Despite this termination, the Company is optimistic about future opportunities in the government sector and retains the capability to provide future services for maintenance, upgrades, and deployments of the product for additional fees.

During the nine months ended September 30, 2023, the Company generated \$346 thousand total revenue from customers using the Orchestration Layer including implementing the Orchestration Layer platform for 29 new enterprise customers through FIS on the Software-as-a-Service (SaaS) platform. Since its launch in the third quarter of 2022, there have been 38 enterprise customers on the Orchestration Layer platform, including 35 financial institutions, as of September 30, 2023. Additionally, revenue from the Orchestration Layer's flagship enterprise customer grew 235% between the comparative periods as a result of transitioning and launching the customer on the Orchestration Layer platform. Orchestration Layer's flagship enterprise customer is already in full production and generating monthly recurring revenue with gross margins in excess of 83.61%. Finally, the Company's S&P 500 bank customer began its transition to an augmented version of the SaaS platform during the nine months ended September 30, 2023.

The Orchestration Layer is designed to be a one-stop-shop for Trust Stamp services and provides for easy integration to our products; chargeable on a per-use basis and is accelerating the Company's evolution from being exclusively a custom solutions provider to also offering a modular and highly scalable SaaS model with low-code implementation.

Cost of services

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Cost of services	\$ 660,199	\$ 1,571,166	\$ (910,967)	(57.98)%

Cost of services ("COS") decreased by \$911 thousand or 57.98% for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The decrease during this period was primarily driven by the costs related to servicing requirements from the ICE Contract. ICE Contract-related COS for the nine months ended September 30, 2022, were \$802 thousand, including vendor and other miscellaneous costs as well as direct labor costs, versus \$0 during the nine months ended September 30, 2023 (as a result of the ICE Contract being terminated in 2022).

After adjusting the comparative periods' COS for ICE Contract related costs, COS reduced by \$109 thousand despite onboarding 29 new enterprise customers during the nine months ended September 30, 2023, and is a result of the the low marginal costs that are inherent in SaaS platforms such as the Orchestration Layer.

Research and development

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Research and development	\$ 1,811,962	\$ 1,766,164	\$ 45,798	2.59 %

Research and development ("R&D") expenses increased by \$46 thousand, or 2.59% for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The increase in R&D expense during the nine months ended September 30, 2023 was primarily driven by an increase in R&D FTE allocation due to reduced demand for their time for customer implementations. While the R&D costs increased slightly, there was a 21.88% reduction of R&D FTE in which the Company's R&D team reduced from 64 FTE for the nine months ended September 30, 2022 to 50 FTE for the nine months ended September 30, 2023.

Additionally, the Company recognized an impairment loss on Capitalized internal-use software of \$17 thousand during the nine months ended September 30, 2023 that offset the increase in R&D. Capitalized internal-use software are considered long-lived assets under applicable accounting guidance. Recoverability of assets held and used is measured by comparison of the carrying amount of an asset or an asset group to estimated undiscounted future net cash flows expected to be generated by the asset or asset group. If the carrying amount of an asset exceeds these estimated future cash flows, an impairment charge is recognized by the amount by which the carrying amount of the assets exceeds the fair value of the asset or asset group. Assets to be disposed of are reported at the lower of the carrying amount or fair value less costs to sell.

Selling, general, and administrative

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Selling, general, and administrative	\$ 5,900,715	\$ 9,014,894	\$ (3,114,179)	(34.54)%

Selling, general, and administrative expense ("SG&A") decreased by \$3.11 million, or 34.54%, for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The decrease in SG&A expense was driven mostly by the reductions in global headcount and associated overhead related to the 2022 cost cutting initiative. Headcount reductions were 14.00%, from 100 FTE for the nine months ended September 30, 2022, compared to 86 FTE for the nine months ended September 30, 2023. In effect, salaries, bonus and stock-based compensation, related payroll costs, and sales commissions reduced by \$2.09 million for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022.

Other notable reductions in SG&A for the nine months ended September 30, 2023 included a \$1.21 million net reduction between corporate travel, management consulting and training, and costs related to carrying mobile hardware assets as direct result of the Company's recent non-personnel cost cutting initiative.

Depreciation and amortization

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Depreciation and amortization	\$ 596,109	\$ 547,737	\$ 48,372	8.83 %

Depreciation and amortization ("D&A") increased by \$48 thousand, or 8.83% for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The primary increase in D&A expense related to the \$40 thousand increase in depreciation of Capitalized internal-use software between the comparative periods. While the amounts of Capitalized internal-use software vary from period to period, we continue to see a trend of increasing software amortization which is driven by the growth in software capitalization over the prior periods. Overall, this is a further result of newly issued patents continuing to produce new internal-use software, or microservices, that have reached technical feasibility at which point the Company begins to capitalize the related costs.

Patent amortization also increased during the nine months ended September 30, 2023 by \$36 thousand as a result of new pending patent applications and issued patents with the United States Patent and Trademark Office. During the nine months ended September 30, 2023, the Company added 4 issued patent, 3 new patent applications, and 1 trademark registration

including the patent for Tap-In Band™. The Tap-In Band™ is a wrist-worn, tamper resistant, hypoallergenic near-field communication band that facilitates discrete check-in by, and communication with, participants in community based supervision programs. This technology and associated biometric processes utilize Trust Stamp's patented IT² identity tokenization processes that allow users to biometrically authenticate without the need to store biometric images or templates.

These increases were partially offset by a \$30 thousand decrease in D&A expense related to the depreciation of mobile hardware assets that were sold during the nine months ended September 30, 2023.

Operating loss

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Operating loss	\$ (4,983,743)	\$ (8,022,152)	\$ 3,038,409	(37.88)%

The Company's Operating loss decreased by \$3.04 million or 37.88% for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The decrease in Operating loss was mostly related to the decrease of \$3.93 million or 30.47% reduction in operating expenses as a result of various cost cutting measures initiated in fiscal years 2022 and 2023 that outpaced the reduction in Net revenue, thereby producing desirable margin growth and greater company efficiency.

Interest expense, net

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Interest expense, net	\$ (29,753)	\$ (9,202)	\$ (20,551)	223.33 %

Interest expense, net increased by \$21 thousand, or 223.33% for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. During the nine months ended September 30, 2023, there was \$470 and \$30 thousand of interest income and interest expense, respectively. During the nine months ended September 30, 2022, there was \$3 thousand and \$12 thousand of interest income and interest expense, respectively. All interest earned and expensed during the comparative periods were a result of normal operating activities within various immaterial interest-bearing and interest-earning accounts.

Change in fair value of warrant liability

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Change in fair value of warrant liability	\$ 3,473	\$ 88,367	\$ (84,894)	(96.07)%

The Company recognized a gain in Change in fair value of warrant liability during nine months ended September 30, 2023 of \$3 thousand compared to a gain of \$88 thousand during the nine months ended September 30, 2022. This change is based on the fair value assessment and adjustment for one warrant liability as described in Note 3 to the financial statements provided under Item 1 of this report.

Impairment of digital assets

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Impairment of digital assets	\$ —	\$ (25,144)	\$ 25,144	(100.00)%

The Company recognized an impairment on digital assets during the nine months ended September 30, 2022, of \$25 thousand. Digital assets are considered indefinite-lived Intangible assets, net under applicable accounting rules. Accordingly, any decrease in their fair values below our carrying values for such assets at any time subsequent to their acquisition requires recognition of impairment.

Other income

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Other income	\$ 261,217	\$ 16,160	\$ 245,057	1,516.44 %

Other income increased by \$245 thousand for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The increase was primarily due to a \$213 thousand gain on the sale of the mobile hardware assets. Additionally, during the nine months ended September 30, 2023 there was \$22 thousand related to various other non-operating income including educational service fees received from participants in a startup accelerator program conducted by the Company in Malta with the objective of strengthening the innovation platform and startup ecosystem in Malta.

Other expense

	Nine months ended September 30,			
	2023	2022	\$ Change	% Change
Other expense	\$ (4,174)	\$ (102,269)	\$ 98,095	(95.92)%

Other expense decreased by \$98 thousand for the nine months ended September 30, 2023, compared to the nine months ended September 30, 2022. The Company incurred \$96 thousand in unrealized loss on foreign currency translation expense for the nine months ended September 30, 2022, for intercompany transactions between the parent company, T Stamp Inc., and its subsidiaries, Trust Stamp Malta Limited, Biometric Innovations Limited, and Trust Stamp Rwanda Limited with currencies denominated in United States Dollars, European Union Euros, Pound Sterling, and Rwandan Franc, respectively. As of June 30, 2022, the Company determined that there was currently no intention to settle intercompany accounts in the foreseeable future; therefore, beginning in June 30, 2022, future fluctuations in foreign currencies between the Company and its subsidiaries are recorded to Accumulated other comprehensive income on the balance sheet instead of Other expense.

Liquidity and Capital Resources

As of September 30, 2023, and December 31, 2022, the Company had approximately \$3.18 million and \$1.25 million cash in its banking accounts, respectively.

The increase of \$1.93 million in Cash and cash equivalents from December 31, 2022 to September 30, 2023 was a result of the net cash inflow which consisted of \$5.88 million and \$180 thousand outflows, and \$8.03 million inflow, in operating, investing, and financing activities, respectively. Additionally, there was a \$43 thousand cash outflow for a foreign currency transaction adjustment. See the "Cash Flows" subsection below for more details on cash activities during the quarter ended September 30, 2023.

Total Current Assets for the comparative periods increased by 49.60% or \$1.43 million from \$2.87 million as of December 31, 2022, to \$4.30 million as of September 30, 2023. The increase in current assets was primarily driven by the increase in cash of \$1.93 million (discussed above). Additionally, there was a \$467 thousand decrease in Accounts receivable that offset the increase, mostly due to decreased billing and a slight delay in the collection of invoice receipts by several enterprise customers billed as of December 31, 2022.

Total Current Liabilities decreased by 53.91% or \$2.40 million from \$4.45 million as of December 31, 2022 compared to \$2.05 million as of September 30, 2023. This decrease is primarily attributed to the \$1.72 million decrease in Deferred revenue. Deferred revenue decreased primarily due to the recognition of \$2.51 million in non-refundable revenue advances for software provisioned by the Company for IGS. Upon termination of the MSA, IGS waived their option to make additional payments in exchange for future maintenance and upgrades. As a result of the termination, Trust Stamp has no further performance obligations or contingencies related to the MSA. Additionally, there were decreases in Other current liabilities, including \$258 thousand in Accounts payable, \$238 thousand in Accrued expenses, and \$145 thousand Related party payables due to the timing of payables. The decreases in Total Current Liabilities were offset by the increase in Short-term financial liabilities of \$43 thousand due to the sale of mobile hardware assets which triggered the total financial liability balance becoming current.

In effect, the Company's current ratio (i.e., the ratio of the Company's total current assets as a multiple of total current liabilities or the Company's ability to service its near-term liabilities with its near-to-cash assets) increased from 0.65 as of December 31, 2022 to 2.10 representing a 223.08% increase during the nine months ended September 30, 2023. This is, in part, a result of the net cash inflow from financing activities, offset by the cash outflows from investing, and operating activities, discussed in further detail below.

Effective September 3, 2019, the Company entered into a software license agreement with a customer pursuant to which the Company received total fees of \$150 thousand in 2020, \$200 thousand in 2021, and \$250 thousand in 2022. On December 31, 2022, the software license agreement was amended. The Company will receive minimum total fees of \$300 thousand in 2023 which will continue to rise by 15% in each subsequent year after 2023 with the annual minimum fee capped at \$1.00 million. The cap in the annual minimum fee does not restrict the Company from earning additional fees for transactions that exceed the annual minimum transaction volume. The Company has recognized \$225 thousand in fees from this software license agreement during the nine months ended September 30, 2023.

On September 15, 2022, the Company entered into a Master Services Agreement ("the MSA") with Innovative Government Solutions ("IGS") under which the Company and IGS agreed to jointly offer services and IGS was granted a 12-year (renewable) license ("the license") to resell the Company's technology subject to payment by IGS of agreed revenue advances and end user license fees. On execution of the MSA, IGS agreed to pay \$1.50 million to the Company as a non-refundable revenue advance, an additional \$1.50 million non-refundable revenue advance on the first anniversary of the MSA, and \$1.00 million on each of the next two anniversaries of the MSA as additional non-refundable revenue advances. IGS has the right to terminate the MSA for convenience before the additional non-refundable revenue advances become due in which case the unpaid additional non-refundable revenue advances will not be payable and the license will terminate. On September 14, 2023, Trust Stamp received notification from IGS that it was terminating the MSA effective September 15, 2023. IGS paid Trust Stamp a total of \$2.51 million in non-refundable revenue advances for software provisioned prior to the termination. Upon terminating the MSA, IGS waived their option to make additional payments in exchange for future maintenance and upgrades. Trust Stamp has no remaining performance obligations or contingencies related to the MSA. During the nine months ended September 30, 2023, Trust Stamp recognized the \$2.51 million in IGS non-refundable revenue advances that were previously recorded to Deferred revenue.

During the nine months ended September 30, 2023, the Company received a provisional patent for the Tap-In Band™, which is a wrist-worn, tamper resistant, hypoallergenic near-field communication band that facilitates discrete check-in by, and communication with, participants in community based supervision programs. This technology and associated biometric processes utilize Trust Stamp's patented IT² identity tokenization processes that allow users to biometrically authenticate without the need to store biometric images or templates. The Company is optimistic about the tremendous market opportunity for the Tap-In Band™ technology, specifically in the government sector.

Going Concern

The accompanying unaudited condensed consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company is a business that has not yet generated profits, with a Net loss in the nine months ended September 30, 2023 of \$4.75 million, Net operating cash outflows of \$5.88 million for the same period, and an Accumulated deficit of \$44.05 million as of September 30, 2023.

The Company's ability to continue as a going concern in the next twelve months, following the date the unaudited condensed consolidated financial statements were available to be issued, is dependent upon its ability to produce revenues and/or obtain financing sufficient to meet current and future obligations and deploy such to produce profitable operating results. Management has evaluated these conditions and plans to generate revenue and raise capital as needed to satisfy its capital needs. While the negotiation of significant additional revenue is well advanced, it has not reached a stage that allows it to be factored into a going concern evaluation. In addition, although the Company has previously been successful in raising capital as needed and has already made plans to do so as well as restructuring expenses to meet the Company's cash needs, no assurance can be given that the Company will be successful in its capital raising efforts. These factors, among others, raise substantial doubt about the ability of the Company to continue as a going concern for a reasonable period.

Cash Flows

The following table summarizes our cash flows for the nine months ended September 30, 2023 and 2022:

	For the nine months ended September 30,	
	2023	2022
Net cash flows from operating activities	\$ (5,884,123)	\$ (4,841,167)
Net cash flows from investing activities	\$ (179,685)	\$ (735,084)
Net cash flows from financing activities	\$ 8,034,495	\$ 5,079,292

Operating Activities

Net cash flows from operating activities increased by 21.54% from \$4.84 million during the nine months ended September 30, 2022, compared to \$5.88 million during the nine months ended September 30, 2023. Of the \$4.75 million net loss for the nine months ended September 30, 2023, there were various cash and non-cash adjustments that were added back to the Net loss to arrive at \$5.88 million cash used for operating activities for the nine months ended September 30, 2023.

Those adjustments included \$1.72 million mainly for the recognition of \$2.51 million in non-refundable revenue advances for software provisioned by the Company for IGS, this was partially offset by cash received and recorded to Deferred revenue from various customers. Additionally cash and non-cash adjustments included \$642 thousand combined for payments made on invoices related to Accounts payable, Accrued expenses, and Related party payables, \$596 thousand for non-cash Depreciation and amortization, and \$467 thousand for cash received on Accounts receivable.

Investing Activities

Net cash used in investing activities during the nine months ended September 30, 2023 was \$180 thousand, compared to net cash of \$735 thousand used in the nine months ended September 30, 2022. The reduction in cash outflow from investing activities during the nine months ended September 30, 2023 related primarily to the \$377 thousand decrease of Property and equipment, net related to the sale of the mobile hardware assets. Otherwise, cash used in investing activities for the nine months ended September 30, 2023 related primarily to continued investments to patent and develop future technologies that we intend to capitalize and monetize over time. During the nine months ended September 30, 2023, cash outflow for capitalized internally developed software costs decreased by 18.83% compared the nine months ended September 30, 2022, as a result of the fewer software developer activities allocated to the capitalization of internally developed software for investments in products that can be used by multiple customers over time such as the Orchestration Layer SaaS platform.

Financing Activities

During the nine months ended September 30, 2023, Net cash flows from financing activities was \$8.03 million, compared to Net cash flows from financing activities of \$5.08 million for the nine months ended September 30, 2022. The Company raised \$4.78 million and \$2.69 million in net proceeds, during the nine months ended September 30, 2023, from two separate securities purchase agreements ("SPA") with an institutional investor for the issuance of Class A Common Stock, pre-funded warrants, and common stock warrants. The same institutional investor exercised 270,000 warrants to purchase shares of Class A Common Stock of the Company for total proceeds of \$621,000. See Note 3 to the financial statements provided under Item 1 of this report for more details. In addition, during the nine months ended September 30, 2023, there was a \$25 thousand tax withholding accrual for net issuances on employee equity compensation and \$30 thousand for payments on financial liabilities.

During the nine months ended September 30, 2022, the Company received \$3.39 million from a warrant exercise in December 2021 from SCV and REach® Ventures (a related party), \$78 thousand from the exercise of options, \$1.42 million from the sale of Class A Common Stock and warrants exercisable into Class A Common Stock in a private investment in public equity agreement with Armistice Capital Master Fund Ltd. ("Armistice PIPE"), and \$254 thousand in units sold and warrants exercised in connection to the Company's 2021 raises under Regulation CF, Regulation D, and Regulation S in preparation for our Nasdaq listing. The receipts were offset by \$60 thousand for principal payments made for the financial liability.

Critical Accounting Policies and Estimates

Our financial statements are prepared in accordance with GAAP. The preparation of these unaudited condensed consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, and expenses, as well as related disclosures. We evaluate our estimates and assumptions on an ongoing basis. Our estimates are based on historical experience and various other assumptions that we believe to be reasonable under the circumstances. Our actual results could differ from these estimates. The critical accounting policies and estimates, assumptions, and judgments that we believe have the most significant impact on our unaudited condensed consolidated financial statements are described below.

Capitalized Internal-Use Software, Net

Costs related to software acquired, developed, or modified solely to meet our internal requirements, with no substantive plans to market such software at the time of development are capitalized. The Company capitalizes eligible costs to develop internal-use software that are incurred subsequent to the preliminary project stage through the development stage. These costs consist of personnel costs (including related benefits and stock-based compensation) that are incurred during the application development stage. Costs incurred during the preliminary project stage and during the post-implementation operational stage are expensed as incurred. Maintenance costs are expensed as incurred. The estimated useful life of costs capitalized is evaluated for each specific project. Actual economic lives may differ from estimated useful lives. Periodic reviews could result in a change in estimated useful lives and therefore changes in amortization expense in future periods.

Revenue Recognition

The Company derives its revenue primarily from professional services. Revenue is recognized upon transfer of control of promised products and services to customers in an amount that reflects the consideration the Company expects to receive in exchange for those products or services. If the consideration promised in a contract includes a variable amount, the Company includes an estimate of the amount it expects to receive or the total transaction price if it is probable that a significant reversal of cumulative revenue recognized will not occur.

The Company determines the amount of revenue to be recognized through the application of the following steps:

- Identification of the contract, or contracts with a customer;
- Identification of the performance obligations in the contract;
- Determination of the transaction price;
- Allocation of the transaction price to the performance obligations in the contract; and
- Recognition of revenue when or as the Company satisfies the performance obligations.

At contract inception, the Company will assess the services agreed upon within each contract and assess whether each service is distinct and determine those that are performance obligations. The Company then recognizes as revenue the amount of the transaction price that is allocated to the respective performance obligation when (or as) the performance obligation is satisfied. In general, each contract with a customer consists of a single performance obligation to perform services in which revenue is recognized when the service has been delivered.

Contract Balances

The timing of customer billing and payment relative to the start of the service period varies from contract to contract; however, the Company bills many of its customers in advance of the provision of services under its contracts, resulting in liabilities consisting of either deferred revenue (a "contract liability") or customer deposit liabilities. Deferred revenue represents billings under non-cancelable contracts before the related product or service is transferred to the customer. Such amounts are recognized by the Company over the life of the contract upon meeting the revenue recognition criteria, but generally within one year. Customer deposit liabilities consist of billings or payments received in advance of the start of the contractual term or for anticipated revenue generating activities for the portion of a contract term that is subject to cancellation for convenience. Certain of the Company's arrangements generally include terms that allow the customer to terminate the contract for convenience and receive a refund of the amount of the customer deposit for the percentage of the

work not performed prior to the notice of termination. In these arrangements, the Company concluded there are no enforceable rights and obligations after such notice period and therefore the consideration received or due from the customer that is subject to termination for convenience is recorded as customer deposit liabilities.

The payment terms and conditions vary by contract; however, the Company's terms generally require payment within 30 to 60 days from the invoice date. In instances where the timing of revenue recognition differs from the timing of payment, the Company elected to apply the practical expedient in accordance with ASC 606 to not adjust contract consideration for the effects of a significant financing component, as the Company expects, at contract inception, that the period between when promised goods and services are transferred to the customer and when the customer pays for those goods and services will be one year or less. As such, the Company determined its contracts do not generally contain a significant financing component.

Costs to Obtain and Fulfill Contracts

Incremental costs of obtaining a contract include only those costs that are directly related to the acquisition of contracts, including sales commissions, and that would not have been incurred if the contract had not been obtained. The Company recognizes an asset for the incremental costs of obtaining a contract with a customer if it is expected that the economic benefit and amortization period will be longer than one year. Costs to obtain contracts were not material in the periods presented. The Company recognizes an asset for the costs to fulfill a contract with a customer if the costs are specifically identifiable, generate or enhance resources used to satisfy future performance obligations, and are expected to be recovered. Costs to fulfill contracts were not material in the periods presented. The Company elected to apply the practical expedient in accordance with ASC 340, which allows the Company to expense commissions as incurred when the contract term is twelve months or less in total.

Remaining Performance Obligation

The Company's arrangements with its customers often have terms that span over multiple years. However, the Company generally allows its customers to terminate contracts for convenience prior to the end of the stated term with less than twelve months' notice. Revenue allocated to remaining performance obligations represents noncancelable contracted revenue that has not yet been recognized, which includes deferred revenue and, in certain instances, amounts that will be invoiced. The Company has elected the practical expedient allowing the Company to not disclose remaining performance obligations for contracts with original terms of twelve months or less. Cancellable contracted revenue, which includes customer deposit liabilities, is not considered a remaining performance obligation. As of September 30, 2023 and December 31, 2022 the Company did not have any related performance obligations for contracts with terms exceeding twelve months.

Warrants

The Company accounts for stock warrants as either equity instruments, derivative liabilities, or liabilities in accordance with ASC 480, Distinguishing Liabilities from Equity ("ASC 480") and ASC 815, Derivatives and Hedging ("ASC 815"), depending on the specific terms of the warrant agreement.

Recent Accounting Pronouncements

For information on recently issued accounting pronouncements, refer to Note 1. *Description of Business and Summary of Significant Accounting Policies* in our unaudited condensed consolidated financial statements included elsewhere under Item 1 in this report.

Emerging Growth Company

As a Nasdaq listed public reporting company, we are required to publicly report on an ongoing basis as an "emerging growth company" (as defined in the Jumpstart Our Business Startups Act of 2012, which we refer to as the JOBS Act) under the reporting rules set forth under the Exchange Act. For so long as we remain an "emerging growth company", we may take advantage of certain exemptions from various reporting requirements that are applicable to other Exchange Act reporting companies that are not "emerging growth companies", including but not limited to:

- not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act;

- taking advantage of extensions of time to comply with certain new or revised financial accounting standards;
- being permitted to comply with reduced disclosure obligations regarding executive compensation in our periodic reports and proxy statements; and
- being exempt from the requirement to hold a non-binding advisory vote on executive compensation and shareholder approval of any golden parachute payments not previously approved.

We expect to take advantage of these reporting exemptions until we are no longer an emerging growth company. We may remain an "emerging growth company" for up to five years, beginning January 26, 2022, although if the market value of our Common Stock that is held by non-affiliates exceeds \$700 million as of June 30th, before that time, we would cease to be an "emerging growth company" as of the following December 31st.

In summary, we are subject to ongoing public reporting requirements that are less rigorous than Exchange Act rules for companies that are not "emerging growth companies" and therefore, our shareholders could receive less information than they might expect to receive from more mature public companies.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are a smaller reporting company, as defined by Rule 12b-2 of the Securities Exchange Act of 1934, as amended, and are not required to provide the information required under this item.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

We are required to maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. Management necessarily applied judgment in assessing the costs and benefits of such controls and procedures, which, by their nature, can provide only reasonable assurance regarding our control objectives.

As of September 30, 2023, we carried out an evaluation, under the supervision and with the participation of management, including the Chief Executive Officer along with the Chief Financial Officer, of the effectiveness, design and operation of our disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)). This determination is based on the previously reported material weakness management previously identified in our internal control over financial reporting, as described below. We are in the process of remediating the material weakness in our internal control, as described below. We believe the completion of these processes should remedy our disclosure controls and procedures. Based on management's evaluation, they have concluded that our disclosure controls and procedures were not effective as of September 30, 2023. We will continue to monitor this issue.

Notwithstanding the identified material weaknesses, management has concluded that the consolidated financial statements present fairly, in all material respects, the Company's financial position, results of operations, and cash flows as of the dates, and for the periods presented, in accordance with generally accepted accounting principles in the United States of America ("GAAP").

Previously Reported Material Weakness in Internal Control Over Financial Reporting

In our Annual Report for the year ended December 31, 2022, filed with the SEC on March 30, 2023, management concluded that our internal controls over financial reporting were not effective. Management identified certain material weaknesses relating to insufficient management review and approval of each journal entry prior to its posting for preparation of the financial statements and disclosures as well as inadequate controls over the management information systems related to program changes, segregation of duties, and access controls.

Remediation Plan for Previous Existing Material Weaknesses

Management is committed to the remediation of the material weakness described above. As such, controls have been added to ensure precision of management's review and approval of each journal entry prior to its posting for preparation of the financial statements and disclosures and controls will be added to ensure adequate controls over management information systems related to program changes, segregation of duties, and access controls.

It is our belief that these added controls will effectively remediate the previous existing material weakness.

Change in Internal Control over Financial Reporting

There was no change in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that occurred during the three months ended September 30, 2023 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings.

From time to time, the Company may be involved in a variety of legal matters that arise in the normal course of business. The Company is not currently involved in any litigation, and its management is not aware of any pending or threatened legal actions relating to its intellectual property, conduct of its business activities, or otherwise. See Part I, "Item 1A. Risk Factors," of our Annual Report on Form 10-K for the year ended December 31, 2022 for a summary of risks our Company may face in relation to litigation against our Company.

Item 1A. Risk Factors.

Not applicable.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

During the nine months ended September 30, 2023, the Company undertook the following unregistered sales of equity securities:

On April 14, 2023, the Company entered into a securities purchase agreement which included the sale of warrants in a private placement to acquire up to 1,573,330 shares of the Company's Class A Common Stock at an exercise price of \$3.30 per share of Class A Common Stock. As of the date of this Form 10-Q, none of the issued warrants have been exercised.

On June 1, 2023, the Company entered into a securities purchase agreement which included the sale of warrants in a private placement to acquire up to 1,279,700 shares of the Company's Class A Common Stock at an exercise price of \$2.30 per share of Class A Common Stock. As of the date of this Form 10-Q, none of the issued warrants have been exercised.

On August 18, 2023, the institutional investor exercised 270,000 warrants to purchase shares of Class A Common Stock of the Company at a price of \$2.30 per warrant, resulting in an issuance by the Company of 270,000 shares of Class A Common Stock for total proceeds of \$621,000. The warrants to purchase the remaining 120,000 shares of the Company's Class A Common Stock remained outstanding as of September 30, 2023.

Item 3. Defaults Upon Senior Securities.

None.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

None.

Item 6. Exhibits.

Exhibit No.	Exhibit Description
3.1	Third Amended and Restated Certificate of Incorporation (incorporated by reference to the Company's Form 8-K filed with the SEC on July 7, 2023).
3.2	Bylaws (incorporated by reference to Exhibit 2.2 to the Company's Form DOS filed with the SEC on December 30, 2019).
4.1	Warrant issued to the Armistice Capital Master Fund Ltd. dated September 14, 2022 (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K filed with the SEC on September 15, 2022).
4.2	Form of Warrant dated November 9, 2016 (\$5,000 per share) (incorporated by reference to Exhibit 3.9 to the Company's Form DOS filed with the SEC on December 30, 2019).
4.3	Form of Warrant dated November 9, 2016 (\$1,000,000) (incorporated by reference to Exhibit 3.10 to the Company's Form DOS filed with the SEC on December 30, 2019).
4.4	Form of Warrant dated September 30, 2016 (incorporated by reference to Exhibit 3.11 to the Company's Form DOS filed with the SEC on December 30, 2019).
4.5	Form of Warrant dated December 16, 2016 (incorporated by reference to Exhibit 3.12 to the Company's Form DOS filed with the SEC on December 30, 2019).
4.6	Warrant issued by the Company to Reach® Ventures 2017 LP (incorporated by reference to Exhibit 3.14 to the Company's Form 1-A filed with the SEC on March 12, 2020).
4.7	Warrant issued by the Company to Second Century Ventures, LLC (incorporated by reference to Exhibit 3.15 to the Company's Form 1-A filed with the SEC on March 12, 2020).
4.8	Form of Regulation Crowdfunding Offering Warrant (or Reg CF Warrant) (incorporated by reference to Exhibit 3.8 the Company's Form 1-A POS filed with the SEC on April 28, 2022)
4.9	Form of Regulation D Offering Warrant (or Reg D Warrant) (incorporated by reference to Exhibit 3.9 the Company's Form 1-A POS filed with the SEC on April 28, 2022)
4.10	Form of Regulation S Offering Warrant (or Reg S Warrant) (incorporated by reference to Exhibit 3.10 the Company's Form 1-A POS filed with the SEC on April 28, 2022).
4.11	Form of Pre-Funded Warrant (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K filed with the SEC on April 18, 2023).
4.12	Form of Private Placement Warrant (incorporated by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K filed with the SEC on April 18, 2023).
10.1	Emergent Agreement dated June 11, 2020 (incorporated by reference to Exhibit 6.11 to the Company's Form 1-SA for the six months ended June 30, 2020 filed with the SEC on September 28, 2020).
10.2	Executive Employment Agreements of Gareth Genner and Andrew Gowasack, effective as of December 8, 2020 (incorporated by reference to Exhibit 6.13 to the Company's Form 1-K for the year ended December 31, 2020 filed with the SEC on April 30, 2021).
10.3	Malta Enterprise Letter dated July 8, 2020 sent to the Company (Repayable Advance of €800,000) (incorporated by reference to Exhibit 6.14 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).
10.4	Purchase Order executed September 23, 2021 issued by U.S. Immigration and Customs Enforcement to the Company (as Contractor) (incorporated by reference to Exhibit 6.15 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).
10.5	Letter of Appointment effective December 1, 2021 sent by the Company to Berta Pappenheim (as non-executive director appointee) (incorporated by reference to Exhibit 6.16 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).
10.6	Letter of Appointment effective December 1, 2021 sent by the Company to Kristin Stafford (as non-executive director appointee) (incorporated by reference to Exhibit 6.17 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).
10.7	Warrant Agency Agreement between the Company and Colonial Stock Transfer Company, Inc. dated August 20, 2021. (incorporated by reference to Exhibit 6.18 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).

10.8	Mutual Channel Agreement dated November 15, 2020 between the Company and Vital4Data, Inc. (incorporated by reference to Exhibit 6.19 to the Company's Form 1-A/A filed with the SEC on January 12, 2022).
10.9	Warrant to Purchase Common Stock between the Company and Second Century Ventures, LLC dated April 22, 2020 (incorporated by reference to Exhibit 6.9 to the Company's Form 1-A/A filed with the SEC on April 30, 2020).
10.10	Settlement Agreement dated July 1, 2019 between Emergent Technology Holdings, LP and the Company . (Incorporated by reference to Exhibit 6.1 to the Company's Form 1-A filed with the SEC on March 12, 2020).
10.11	Amendment dated April 15, 2022 to Purchase Order executed September 23, 2021 issued by U.S. Immigration and Customs Enforcement to the Company (as Contractor) (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed with the SEC on April 21, 2022).
10.12	Amendment dated July 15, 2022 to Purchase Order executed September 23, 2021 issued by U.S. Immigration and Customs Enforcement to the Company (as Contractor) (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed with the SEC on July 21, 2022).
10.13	Securities Purchase Agreement, dated September 11, 2022 (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed with the SEC on September 15, 2022).
10.14	Registration Rights Agreement, dated September 11, 2022 (incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K filed with the SEC on September 15, 2022).
10.15	Form of Lock-Up Agreement (incorporated by reference to Exhibit 10.3 to the Company's Current Report on Form 8-K filed with the SEC on September 15, 2022).
10.16	Placement Agent Agreement dated September 11, 2022 (incorporated by reference to Exhibit 10.4 to the Company's Current Report on Form 8-K filed with the SEC on September 15, 2022).
10.17	Executive Employment Agreement of Alex Valdes, effective as of December 8, 2020 (incorporated by reference to Exhibit 6.12 to the Company's Form 1-K for the year ended December 31, 2020 filed with the SEC on April 30, 2021).
10.18	Executive Employment Agreement of Andrew Scott Francis, effective as of December 8, 2020 (incorporated by reference to Exhibit 6.13 to the Company's offering statement on Form 1-A filed with the SEC on November 19, 2021).
10.19	Form of Securities Purchase Agreement by and between the Company and a certain institutional investor dated April 14, 2023 (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K filed with the SEC on April 18, 2023).
31.1*	Certification of the principal executive officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2*	Certification of the principal financial officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1*	Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS*	XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
101.SCH*	Inline XBRL Taxonomy Extension Schema
101.PRE*	Inline XBRL Taxonomy Extension Presentation Linkbase
101.CAL*	Inline XBRL Taxonomy Extension Calculation Linkbase
101.LAB*	Inline XBRL Taxonomy Extension Label Linkbase
101.DEF*	Inline XBRL Taxonomy Extension Definition Linkbase
104	Cover Page Interactive Data File—the cover page interactive data file does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.

* Filed herewith.

SIGNATURES

Pursuant 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.

T STAMP INC.

/s/ Gareth Genner

Gareth Genner, Chief Executive Officer
Trust Stamp

The following persons in the capacities and on the dates indicated have signed this report.

/s/ Gareth Genner

Gareth Genner, Principal Executive Officer, Chief Executive Officer, Director
Date: November 7, 2023

/s/ Alex Valdes

Alex Valdes, Principal Financial Officer, Principal Accounting Officer
Date: November 7, 2023

/s/ Andrew Gowasack

Andrew Gowasack, President, Director
Date: November 7, 2023

/s/ William McClintock

William McClintock, Director
Date: November 7, 2023

/s/ Charles Potts

Charles Potts, Director
Date: November 7, 2023

/s/ Joshua Allen

Joshua Allen, Director
Date: November 7, 2023

/s/ Kristin Stafford

Kristin Stafford, Director
Date: November 7, 2023

/s/ Berta Pappenheim

Berta Pappenheim, Director
Date: November 7, 2023

CERTIFICATIONS

I, Gareth Genner, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarter ended September 30, 2023 of T Stamp Inc.;
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;
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;
4. The registrant'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:
 - (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;
 - (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;
 - (c) Evaluated the effectiveness of the registrant'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; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (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 registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2023

/s/ Gareth Genner

Gareth Genner

Chief Executive Officer

(Principal Executive Officer)

CERTIFICATIONS

I, Alex Valdes, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarter ended September 30, 2023 of T Stamp Inc.;
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;
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;
4. The registrant'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:
 - (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;
 - (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;
 - (c) Evaluated the effectiveness of the registrant'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; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (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 registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2023

/s/ Alex Valdes

Alex Valdes

Chief Financial Officer

(Principal Financial Officer)

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of T Stamp Inc. (the "Company") on Form 10-Q for the quarter ended September 30, 2023 as filed with the Securities and Exchange Commission (the "Report"), I, Gareth Genner, Chief Executive Officer of the Company, and I, Alex Valdes, Chief Financial Officer of the Company, certify that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

Date: November 7, 2023

/s/ Gareth Genner

Chief Executive Officer

(Principal Executive Officer)

/s/ Alex Valdes

Chief Financial Officer

(Principal Financial Officer)