## **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### FORM 8-K

#### **CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): November 9, 2022

#### VERTEX, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)

001-39413 (Commission File Number)

23-2081753 (I.R.S. Employer **Identification No.)** 

2301 Renaissance Blvd. King of Prussia, Pennsylvania 19406 (Address of principal executive offices) (Zip Code)

(800) 355-3500

(Registrant's telephone number, include area code)

N/A

(Former Name or Former Address, if Changed Since Last Report)

Class A common stock, \$0.001 par value per share Indicate by check mark whether the registrant is an en	VERX	The Nasdaq Stock Market LLC								
Title of each class	Trading Symbol(s)	Name of each exchange on which registered								
Securities registered p	oursuant to Section 12(b)	of the Act:								
☐ Pre-commencement communications pursuan	nt to Rule 13e-4(c) under the	he Exchange Act (17 CFR 240.13e-4(c))								
☐ Pre-commencement communications pursuan	nt to Rule 14d-2(b) under t	he Exchange Act (17 CFR 240.14d-2(b))								
☐ Soliciting material pursuant to Rule 14a-12 un	□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)									
☐ Written communications pursuant to Rule 42:	5 under the Securities Act	(17 CFR 230.425)								
Check the appropriate box below if the Form 8-K fil registrant under any of the following provisions:	ling is intended to simulta	neously satisfy the filing obligation of th								

Inc ct of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☑

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.

#### Item 2.02. Results of Operations and Financial Condition.

On November 9, 2022, Vertex, Inc. (the "Company") issued a press release announcing its financial results for the third quarter ended September 30, 2022. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information contained in this Item 2.02, including Exhibit 99.1 hereto, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing made by the Company under the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in such filings, unless expressly incorporated by specific reference in such filing.

#### Item 9.01. Financial Statements and Exhibits.

#### (d) Exhibits.

The following exhibit relating to Item 2.02 shall be deemed to be furnished, and not filed:

Exhibit No.	Description
99.1 104	Press Release dated November 9, 2022. Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101)

#### 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 hereunto duly authorized.

VERTEX, INC.

Date: November 9, 2022 By: /s/ Bryan Rowland

Name: Bryan Rowland

Title: General Counsel and Secretary



#### **Vertex Announces Third Quarter 2022 Financial Results**

KING OF PRUSSIA, PA – November 9, 2022: Vertex, Inc. (NASDAQ: VERX) ("Vertex" or the "Company"), a leading global provider of indirect tax solutions, today announced financial results for its third quarter ended September 30, 2022.

"In the third quarter, Vertex once again delivered healthy double-digit revenue growth and solid operating results." said David DeStefano, Chief Executive Officer. "These results reflect the strength of our business, the talent of our team, and the diversity of our world-class customer base.

#### **Third Quarter 2022 Financial Results**

- Total revenues of \$126.2 million, up 14.0% year-over-year.
- Software subscription revenues of \$106.4 million, up 15.3% year-over-year.
- Cloud revenues of \$43.8 million, up 31.3% year-over-year.
- Annual Recurring Revenue ("ARR") of \$411.5 million in the third quarter, up 16.6% year-over-year.
- Average Annual Revenue per direct customer ("AARPC") was \$97,300 at September 30, 2022, compared to \$82,900 at September 30, 2021 and \$93,850 at June 30, 2022.
- Net Revenue Retention ("NRR") was 109% in the third quarter of 2022, an increase from 106% for the quarter ended September 30, 2021 and down slightly from 110% for the second quarter of 2022.
- Gross Revenue Retention ("GRR") was 96% in the third quarter of 2022, an increase from 95% for the quarter ended September 30, 2021 and consistent with the second quarter of 2022.
- Loss from operations of \$(0.9) million, compared to a net loss of \$(3.6) million for the same period prior year. Non-GAAP operating income of \$17.8 million, compared to \$18.3 million for the same period prior year.
- Net loss of \$(1.1) million, compared to net loss of \$(3.9) million for the same period prior year.
- Net loss per basic and diluted Class A and Class B shares of \$(0.01) for 2022 compared to net loss of \$(0.03) for the same period prior year.
- Non-GAAP net income of \$13.0 million and Non-GAAP diluted EPS of \$0.08.

  Adjusted EBITDA of \$20.7 million, compared to \$21.4 million for the same period prior year. Adjusted EBITDA margin of 16.4%, compared to 19.3% for the same period prior year.

John Schwab, Chief Financial Officer, stated, "The strong third quarter financial results exceeded our third quarter guidance for both revenue and Adjusted EBITDA. We are seeing continued positive momentum throughout the business which is translating to durable topline growth while we continue to invest in future growth opportunities."

Definitions of certain key business metrics and the non-GAAP financial measures used in this press release and reconciliations of such measures to the most directly comparable GAAP financial measures are included below under the headings "Definitions of Certain Key Business Metrics" and "Use and Reconciliation of Non-GAAP Financial Measures."

#### Financial Outlook

For the fourth quarter of 2022, the Company currently expects:

- Revenues of \$124 million to \$127 million, representing growth of 11% to 14% from the fourth quarter of 2021;
   and
- Adjusted EBITDA of \$15.4 million to \$19.4 million, representing a decrease of \$3.9 million from the fourth quarter of 2021 at the low end of the range.

For the full-year 2022, the Company currently expects:

- Revenues of \$484.5 million to \$487.5 million, representing growth of 14% to 15% from the full-year 2021;
- Cloud revenue growth of 33% from the full-year 2021; and
- Adjusted EBITDA of \$73 million to \$77 million. At the low end of the range, this represents a decrease of \$5 million from the full-year 2021, reflecting ongoing investments in research and development and selling and marketing expenses to drive growth, as well as investments in internal infrastructure to drive future operating leverage.

The Company is unable to reconcile forward-looking Adjusted EBITDA to net income (loss), the most directly comparable GAAP financial measure, without unreasonable efforts because the Company is currently unable to predict with a reasonable degree of certainty the type and extent of certain items that would be expected to impact net income (loss) for these periods but would not impact Adjusted EBITDA. Such items may include stock-based compensation expense, depreciation and amortization of capitalized software costs and acquired intangible assets, severance, acquisition contingent consideration, transaction costs, and other items. The unavailable information could have a significant impact on the Company's net income (loss). The foregoing forward-looking statements reflect the Company's expectations as of today's date. Given the number of risk factors, uncertainties and assumptions discussed below, actual results may differ materially. The Company does not intend to update its financial outlook until its next quarterly results announcement.

Important disclosures in this earnings release about and reconciliations of non-GAAP financial measures to the most directly comparable GAAP financial measures are provided below under "Use and Reconciliation of Non-GAAP Financial Measures."

#### **Conference Call and Webcast Information**

Vertex will host a conference call at 8:30 a.m. Eastern Time today, November 9, 2022, to discuss its third quarter 2022 financial results.

Those wishing to participate via webcast should access the call through the Company's Investor Relations website at https://ir.vertexinc.com. Those wishing to participate via telephone may dial in at 1-844-825-9789 (USA) or 1-412-317-5180 (International). The conference call replay will be available via webcast through the Company's Investor Relations website.

The telephone replay will be available from 11:30 a.m. Eastern Time on November 9, 2022, through November 23, 2022, by dialing 1-844-512-2921 (USA) or 1-412-317-6671 (International). The replay passcode will be 1017683.

#### **About Vertex**

Vertex, Inc. is a leading global provider of indirect tax solutions. The Company's mission is to deliver the most trusted tax technology enabling global businesses to transact, comply and grow with confidence. Vertex provides solutions that can be tailored to specific industries for major lines of indirect tax, including sales and consumer use, value added and payroll. Headquartered in North America, and with offices in South America and Europe, Vertex employs over 1,300 professionals and serves companies across the globe.

For more information, visit www.vertexinc.com or follow on Twitter and LinkedIn.

#### **Forward Looking Statements**

Any statements made in this press release that are not statements of historical fact, including statements about our beliefs and expectations, are forward-looking statements and should be evaluated as such. Forward-looking statements include information concerning possible or assumed future results of operations, including descriptions of our business plan and strategies. Forward-looking statements are based on Vertex management's beliefs, as well as assumptions made by, and information currently available to, them. Because such statements are based on expectations as to future financial and operating results and are not statements of fact, actual results may differ materially from those projected. Factors which may cause actual results to differ materially from current expectations include, but are not limited to: potential effects on our business of the COVID-19 pandemic; our ability to attract new customers on a cost-effective basis and the extent to which existing customers renew and upgrade their subscriptions; our ability to sustain and expand revenues, maintain profitability, and to effectively manage our anticipated growth; our ability to identify acquisition targets and to successfully integrate and operate acquired businesses; our ability to maintain and expand our strategic relationships with third parties; and the other factors described under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2021 as filed with the Securities Exchange Commission ("SEC"), as may be subsequently updated by our other SEC filings. Copies of such filings may be obtained from the Company or the SEC.

All forward-looking statements reflect our beliefs and assumptions only as of the date of this press release. We undertake no obligation to update forward-looking statements to reflect future events or circumstances.

#### **Definitions of Certain Key Business Metrics**

#### Annual Recurring Revenue ("ARR")

We derive the vast majority of our revenues from recurring software subscriptions. We believe ARR provides us with visibility to our projected software subscription revenues in order to evaluate the health of our business. Because we recognize subscription revenues ratably, we believe investors can use ARR to measure our expansion of existing customer revenues, new customer activity, and as an indicator of future software subscription revenues. ARR is based on monthly recurring revenues ("MRR") from software subscriptions for the most recent month at period end, multiplied by twelve. MRR is calculated by dividing the software subscription price, inclusive of discounts, by the number of subscription covered months. MRR only includes direct customers with MRR at the end of the last month of the measurement period. AARPC represents average annual revenue per direct customer and is calculated by dividing ARR by the number of software subscription direct customers at the end of the respective period.

#### Net Revenue Retention Rate ("NRR")

We believe that our NRR provides insight into our ability to retain and grow revenues from our direct customers, as well as their potential long-term value to us. We also believe it demonstrates to investors our ability to expand existing customer revenues, which is one of our key growth strategies. Our NRR refers to the ARR expansion during the 12 months of a reporting period for all direct customers who were part of our customer base at the beginning of the reporting period. Our NRR calculation takes into account any revenues lost from departing direct customers or those who have downgraded or reduced usage, as well as any revenue expansion from migrations, new licenses for additional products or contractual and usage-based price changes.

#### Gross Revenue Retention Rate ("GRR")

We believe our GRR provides insight into and demonstrates to investors our ability to retain revenues from our existing direct customers. Our GRR refers to how much of our MRR we retain each month after reduction for the effects of revenues lost from departing direct customers or those who have downgraded or reduced usage. GRR does not take into account revenue expansion from migrations, new licenses for additional products or contractual and usage-based price changes. GRR does not include revenue reductions resulting from cancellations of customer subscriptions that are replaced by new subscriptions associated with customer migrations to a newer version of the related software solution.

#### **Customer Count**

The following table shows Vertex direct customers, as well as indirect small business customers sold and serviced through the company's one-to-many channel strategy:

Customers	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022
Direct	4,258	4,272	4,242	4,242	4,230
Indirect	167	206	239	266	268
Total	4,425	4,478	4,481	4,508	4,498

#### Use and Reconciliation of Non-GAAP Financial Measures

In addition to our results determined in accordance with accounting principles generally accepted in the U.S. ("GAAP") and key business metrics described above, we have calculated non-GAAP cost of revenues, non-GAAP gross profit, non-GAAP gross margin, non-GAAP research and development expense, non-GAAP selling and marketing expense, non-GAAP general and administrative expense, non-GAAP operating income, non-GAAP net income, non-GAAP diluted EPS, Adjusted EBITDA, Adjusted EBITDA margin, free cash flow and free cash flow margin, which are each non-GAAP financial measures. We have provided tabular reconciliations of each of these non-GAAP financial measures to its most directly comparable GAAP financial measure.

Management uses these non-GAAP financial measures to understand and compare operating results across accounting periods, for internal budgeting and forecasting purposes, and to evaluate financial performance and liquidity. Our non-GAAP financial measures are presented as supplemental disclosure as we believe they provide useful information to investors and others in understanding and evaluating our results, prospects, and liquidity period-over-period without the impact of certain items that do not directly correlate to our operating performance and that may vary significantly from period to period for reasons unrelated to our operating performance, as well as comparing our financial results to those of other companies. Our definitions of these non-GAAP financial measures may differ from similarly titled measures presented by other companies and therefore comparability may be limited. In addition, other companies may not publish these or similar metrics. Thus, our non-GAAP financial measures should be considered in addition to, not as a substitute for, or in isolation from, the financial information prepared in accordance with GAAP, and should be read in conjunction with the consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2021 and in our Quarterly Report on Form 10-Q for the quarter ended September 30, 2022 to be filed with the SEC.

We calculate these non-GAAP financial measures as follows:

- Non-GAAP cost of revenues, software subscriptions is determined by adding back to GAAP cost of revenues, software subscriptions, the stock-based compensation expense, and depreciation and amortization of capitalized software and acquired intangible assets included in cost of subscription revenues for the respective periods.
- Non-GAAP cost of revenues, services is determined by adding back to GAAP cost of revenues, services, the stock-based compensation expense included in cost of revenues, services for the respective periods.
- Non-GAAP gross profit is determined by adding back to GAAP gross profit the stock-based compensation
  expense, and depreciation and amortization of capitalized software and acquired intangible assets included in cost
  of subscription revenues for the respective periods.
- Non-GAAP gross margin is determined by dividing non-GAAP gross profit by total revenues for the respective periods.
- Non-GAAP research and development expense is determined by adding back to GAAP research and development
  expense the stock-based compensation expense included in research and development expense for the respective
  periods.

- Non-GAAP selling and marketing expense is determined by adding back to GAAP selling and marketing expense
  the stock-based compensation expense and the amortization of acquired intangible assets included in selling and
  marketing expense for the respective periods.
- Non-GAAP general and administrative expense is determined by adding back to GAAP general and
  administrative expense the stock-based compensation expense and severance expense included in general and
  administrative expense for the respective periods.
- Non-GAAP operating income is determined by adding back to GAAP income or loss from operations the stock-based compensation expense, depreciation and amortization of capitalized software and acquired intangible assets included in cost of subscription revenues, amortization of acquired intangible assets included in selling and marketing expense, severance expense, acquisition contingent consideration, and transaction costs included in GAAP income or loss from operations for the respective periods.
- Non-GAAP net income is determined by adding back to GAAP net income or loss the income tax benefit or expense, stock-based compensation expense, depreciation and amortization of capitalized software and acquired intangible assets included in cost of subscription revenues, amortization of acquired intangible assets included in selling and marketing expense, severance expense, acquisition contingent consideration and transaction costs included in GAAP net income or loss for the respective periods to determine non-GAAP income or loss before income taxes. Non-GAAP income or loss before income taxes is then adjusted for income taxes calculated using the respective statutory tax rates for applicable jurisdictions, which for purposes of this determination were assumed to be 25.5%.
- Non-GAAP net income per diluted share of Class A and Class B common stock ("Non-GAAP diluted EPS") is determined by dividing non-GAAP net income by the weighted average shares outstanding of all classes of common stock, inclusive of the impact of dilutive common stock equivalents to purchase such common stock, including stock options, restricted stock awards, restricted stock units and employee stock purchase plan shares.
- Adjusted EBITDA is determined by adding back to GAAP net income or loss the net interest income or expense, income taxes, depreciation and amortization of property and equipment, depreciation and amortization of capitalized software and acquired intangible assets included in cost of subscription revenues, amortization of acquired intangible assets included in selling and marketing expense, asset impairments, stock-based compensation expense, severance expense, acquisition contingent consideration and transaction costs included in GAAP net income or loss for the respective periods.
- Adjusted EBITDA margin is determined by dividing Adjusted EBITDA by total revenues for the respective periods.
- Free cash flow is determined by adjusting net cash provided by (used in) operating activities by purchases of property and equipment and capitalized software additions for the respective periods.
- Free cash flow margin is determined by dividing free cash flow by total revenues for the respective periods.

We encourage investors and others to review our financial information in its entirety, not to rely on any single financial measure and to view these non-GAAP financial measures in conjunction with the related GAAP financial measures.

#### Vertex, Inc. and Subsidiaries Condensed Consolidated Balance Sheets (Unaudited)

Intermediation (processing to the content of the content	(Unaudited)						
Name		As of	September 30,	As of December 31,			
Current assets	(In thousands, except per share data)		2022	2021			
Current portion of long-term debt         \$ 1,23,30         \$ 7,33,31           Current portion of long-term debt         22,846         24,873           Accounts page-term distributions payable         22,404         20,356           Investment securities available-for-sale, current (amortized cost of \$6,163 at September 190, 202)         20,203         195,671           Total current assets         219,360         195,671           Toperty and equipment, net of accumulated depreciation         10,102         98,390           Capitalized software, net of accumulated amortization         38,561         33,442           Codovill and other intangible assets         13,757         12,555           Operating lease right-of-use assets         13,071         32,588           Operating lease right-of-use assets         8,673,312         36,702,202           Optating lease right-of-use assets         8,873         2,242           Optating lease right-of-use assets         8,187         2,242           Optating lease right-of-use assets         8,187         2,200           Current portion of long-term debt         8,187         2,200           Current portion of long-term debt         9,187         2,202           Current portion of long-term debt         9,185         2,202           Current portion of lo		(	unaudited)				
Cash and cash equivalents         \$ 72,370         \$ 73,340           Funds held for customers         23,840         24,873           Accounts receivable, net of allowance of \$9,620 and \$9,151, respectively         94,529         76,929           Prepaid expenses and other current assets         22,049         20,536           Investment securities available-for-sale, current (amortized cost of \$6,163 at September 30, 2022)         6,127         ————————————————————————————————————							
Punds held for eustomers							
Accounts receivable, net of allowance of \$9,620 and \$9,151, respectively   \$9,259   \$7,69,205   \$1,000   \$1,0		\$		\$			
Prepaid expenses and other current assets   22,494   20,536   10   10   10   10   10   10   10   1							
Investment securities available-for-sale, current (amortized cost of \$6,163 at September 20, 2022)   19,360   195,671   190,000   195,671   190,000   190,							
100, 100, 100, 100, 100, 100, 100, 100			22,494		20,536		
Total current assets							
Property and equipment, net of accumulated depreciation	30, 2022)						
Capitalized software, net of accumulated amortization         38,561         33,442           Goodwill and other intangible assets         245,284         272,702           Deferred commissions         13,757         12,555           Deferred income tax asset         30,716         35,298           Operating lease right-of-use assets         2,422         1,900           Total assets         2,422         1,900           Total assets         8,732         5           Current labilities:	Total current assets		219,360		195,671		
Goodwill and other intangible assets         245,284         272,702           Deferred cincome tax asset         30,716         35,298           Operating lease right-of-use assets         30,716         35,298           Other assets         2,422         1,900           Total assets         5677,312         5670,207           Current portion of long-term debt         81,875         9           Current portion of long-term debt         13,052         13,000           Accoud spayable         28,908         22,906           Accuacl expenses         28,908         22,906           Tax sharing agreement distributions payable          50           Customer funds obligations         20,858         23,601           Accuacl squariable compensation         19,585         26,602           Accuacl variable compensation, current         20,657         4,202           Deferred openesation, current         2,067         4,202           Deferred purchase consideration, current         19,724         19,805           Turnent portion of finance lease liabilities         4278         39,33           Current portion of finance lease liabilities, current         19,724         19,805           Deferred querchase consideration, current <td< td=""><td>Property and equipment, net of accumulated depreciation</td><td></td><td>109,123</td><td></td><td>98,390</td></td<>	Property and equipment, net of accumulated depreciation		109,123		98,390		
Deferred commissions         13,757         12,555           Deferred income tax asset         30,716         35,289           Operating lease right-of-use assets         20,249         1,900           Total assets         5,673,312         670,200           Total assets         8,673,312         670,200           Liabilities and Stockholders' Equity           Current portion of long-term debt         \$ 1,875         \$ 1,875           Accounts payable         13,052         13,000           Accured expenses         28,908         22,968           Tax sharing agreement distributions payable         - 536           Customer finds obligations         20,858         23,461           Accrued salaries and benefits         114,937         16,671           Accrued salaries and benefits         114,937         16,671           Accrued salaries and benefits         14,948         30,344           Accrued salaries and benefits         9,679         284           Accrued salaries and benefits         14,937         16,671           Accrued salaries and benefits         9,679         284           Accrued salaries and benefits         9,679         284           Accrued salaries and benefits         9,679	Capitalized software, net of accumulated amortization		38,561		33,442		
Deferred commissions         13,757         12,555           Operating lease right-of-use assets         30,716         35,288           Operating lease right-of-use assets         20,249         1,900           Total assets         5 677,312         6 70,207           Total assets         5 677,312         6 70,207           Liabilities and Stockholders' Equity           Current portion of long-term debt         \$ 1,875         \$ 1,800           Accounts payable         28,908         22,966           Tax sharing agreement distributions payable         28,908         22,966           Tax sharing agreement distributions payable         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,858         26,462           Deferred compensation, current         2,067         4,202           Deferred compensation, current         24,637         233,441           Current portion of finance lease liabilities         967         284           Deferred crevenue, current         19,724         19,805           Puchase commitment and contingent consideration liabilities, current <t< td=""><td>Goodwill and other intangible assets</td><td></td><td>245,284</td><td></td><td>272,702</td></t<>	Goodwill and other intangible assets		245,284		272,702		
Operating lease right-of-use assets         18,089         20,249           Other assets         2,422         1,900           Total assets         6,77,312         6,70,207           Lishilities and Stockholders' Equity           Current portion of long-term debt         \$ 1,875         \$ 1,800           Accounts payable         28,908         22,906           Accounts payable         28,908         22,906           Tax sharing agreement distributions payable         - 536           Customer finds obligations         20,858         23,401           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,555         26,622           Deferred revenue, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         427         393           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Total current portion of finance lease liabilities, current         19,724         19,805           Deferred dompensation, et of current portion         -         1,963 <tr< td=""><td>Deferred commissions</td><td></td><td>13,757</td><td></td><td>12,555</td></tr<>	Deferred commissions		13,757		12,555		
Other assets         2,422         1,900           Total assets         5,677,312         2,670,207           Liabilities and Stockholders' Equity         Verification of long-term debt         \$ 1,875         \$ ————————————————————————————————————	Deferred income tax asset		30,716		35,298		
Other assets         2,422         1,900           Total assets         5,677,312         670,202           Liabilities and Stockholders' Equity         Verification of long-term debt         \$ 1,875         \$ ————————————————————————————————————	Operating lease right-of-use assets		18,089		20,249		
			2,422				
Liabilities and Stockholders' Equity           Current portion of long-term debt         \$ 1,875         \$ —           Accounts payable         13,052         13,000           Accrued expenses         28,908         22,966           Tax sharing agreement distributions payable         —         536           Customer funds obligations         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,585         26,662           Deferred compensation, current         242,637         237,344           Current portion of operating lease liabilities         4,278         3,933           Current portion of perating lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current portion         —         1,963           Deferred compensation, net of current portion         —         1,963           Deferred compensation, net of current portion         —         1,963           Deferred current portion         21,431         24,202           Deferred current portion         21,43	Total assets	\$		S			
Current portion of long-term debt         \$ 1.875         \$ 1.800           Accounts payable         13,052         13,000           Accounts payable         28,908         22,966           Tax sharing agreement distributions payable         - 536           Customer funds obligations         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,585         26,462           Deferred compensation, current         20,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         967         284           Current portion of perating lease liabilities         967         284           Deferred operating lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Furchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,668           Deferred revenue, net of current portion         21,431         24,320           Deferred purchase considera	10141 433013		0,7,512	Ψ	0,0,20,		
Current portion of long-term debt         \$ 1.875         \$ 1.800           Accounts payable         13,052         13,000           Accounts payable         28,908         22,966           Tax sharing agreement distributions payable         - 536           Customer funds obligations         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,585         26,462           Deferred compensation, current         20,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         967         284           Current portion of perating lease liabilities         967         284           Deferred operating lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Furchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,668           Deferred revenue, net of current portion         21,431         24,320           Deferred purchase considera	Lighilities and Stockholders' Fauity						
Current portion of long-term debt         \$ 1,875         \$ —           Accounts payable         13,052         13,002           Accrude expenses         28,908         22,966           Tax sharing agreement distributions payable         —         536           Customer funds obligations         20,858         23,461           Accruded variable compensation         19,585         26,462           Deferred compensation, current         242,637         237,344           Current portion of operating lease liabilities         4,278         3,933           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,666           Deferred compensation, net of current portion         21,431         24,202           Deferred compensation, net of current portion         21,431         24,202           Deferred compensation, net of current portion         21,431         24,202           Operating lease liabilities, net of current portion         24	• •						
Accounts payable         13,052         13,000           Accrued expenses         28,908         22,966           Tax sharing agreement distributions payable         —         536           Customer funds obligations         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,585         26,462           Deferred compensation, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,666           Deferred compensation, net of current portion         47,324         —           Operating lease liabilities, net of current portion         214,31         24,320           Deferred revenue, et of current portion         214         68           Deferred purchase consideration, net of current portion         24         68 <t< td=""><td></td><td>•</td><td>1 975</td><td>•</td><td></td></t<>		•	1 975	•			
Accrued expenses         28,908         22,966           Tax sharing agreement distributions payable         -         536           Customer funds obligations         20,858         23,461           Accrued salaries and benefits         14,937         16,671           Accrued variable compensation         19,585         26,462           Deferred compensation, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         967         284           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,666           Deb, net of current portion         11,098         11,666           Deb, net of current portion         214,312         24,320           Finance lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         8,009         10,829		Ф		Ф	12 000		
Tax sharing agreement distributions payable         —         536           Customer funds obligations         20,858         23,461           Accrued variable benefits         14,937         16,671           Accrued variable compensation         19,585         26,462           Deferred compensation, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         4,278         3,933           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred ompensation, net of current portion         —         1,963           Deferred revenue, net of current portion         —         1,963           Deferred compensation, net of current portion         47,324         —           Operating lease liabilities, net of current portion         47,324         —           Operating lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         — <td></td> <td></td> <td></td> <td></td> <td></td>							
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Accrued variable compensation         19,585         26,462           Deferred compensation, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         4,278         3,933           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         —         1,963           Deferred revenue, net of current portion         11,098         11,666           Debt, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         —         19,419           Purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,82	e						
Deferred compensation, current         2,067         4,202           Deferred revenue, current         242,637         237,344           Current portion of operating lease liabilities         967         284           Current portion of finance lease liabilities         967         284           Deferred purchase consideration, current         19,724         19,805           Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         —         1,963           Deferred compensation, net of current portion         —         1,963           Deferred purchase consideration, net of current portion         47,324         —           Operating lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,829           Deferred other liabilities         463,272         440,123           Stockholders' equity:         —         —           Preferred shares, \$0,001 par value, 30,000 shares authorized; no shares issued and outstanding, respectively							
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Purchase commitment and contingent consideration liabilities, current         5,082         468           Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         11,098         11,666           Debt, net of current portion         47,324         —           Operating lease liabilities, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,829           Deferred other liabilities         1,416         2,726           Total liabilities         463,272         440,123           Stockholders' equity:           Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding         —         —           Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively         49         42           Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively         101         107           Additional paid in capital         238,093         <							
Total current liabilities         373,970         369,132           Deferred compensation, net of current portion         —         1,963           Deferred revenue, net of current portion         11,098         11,666           Debt, net of current portion         47,324         —           Operating lease liabilities, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,829           Deferred other liabilities         1,416         2,726           Total liabilities         463,272         440,123           Stockholders' equity:           Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding         —         —           Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively         49         42           Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively         101         107           Additional paid in capital         238,093         222,621      <							
Deferred compensation, net of current portion         —         1,963           Deferred revenue, net of current portion         11,098         11,666           Debt, net of current portion         47,324         —           Operating lease liabilities, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         —         19,419           Purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,829           Deferred other liabilities         1,416         2,726           Total liabilities         463,272         440,123           Stockholders' equity:           Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding         —         —           Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively         49         42           Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively         101         107           Additional paid in capital         238,093         222,621           Retained earnings         17,816         24,811           Accumulated	-						
Deferred revenue, net of current portion   11,098   11,666			373,970				
Debt, net of current portion 47,324 — Operating lease liabilities, net of current portion 21,431 24,320 Finance lease liabilities, net of current portion 24 68 Deferred purchase consideration, net of current portion — 19,419 Purchase commitment and contingent consideration liabilities, net of current portion 8,009 10,829 Deferred other liabilities 1,416 2,726 Total liabilities 463,272 440,123  Stockholders' equity:  Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding — ——————————————————————————————————			_				
Operating lease liabilities, net of current portion         21,431         24,320           Finance lease liabilities, net of current portion         24         68           Deferred purchase consideration, net of current portion         —         19,419           Purchase commitment and contingent consideration liabilities, net of current portion         8,009         10,829           Deferred other liabilities         1,416         2,726           Total liabilities         463,272         440,123           Stockholders' equity:           Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding         —         —           Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively         49         42           Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively         101         107           Additional paid in capital         238,093         222,621           Retained earnings         17,816         24,811           Accumulated other comprehensive loss         (42,019)         (17,497)           Total stockholders' equity         230,084					11,666		
Finance lease liabilities, net of current portion  Deferred purchase consideration, net of current portion  Purchase commitment and contingent consideration liabilities, net of current portion  Purchase commitment and contingent consideration liabilities, net of current portion  8,009  10,829  Deferred other liabilities  1,416  2,726  Total liabilities  Stockholders' equity:  Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding  ———————————————————————————————————					_		
Deferred purchase consideration, net of current portion  Purchase commitment and contingent consideration liabilities, net of current portion  8,009  10,829  Deferred other liabilities  1,416  2,726  Total liabilities  463,272  440,123   Stockholders' equity:  Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding  ———————————————————————————————————			21,431		24,320		
Purchase commitment and contingent consideration liabilities, net of current portion 8,009 10,829 Deferred other liabilities 1,416 2,726 Total liabilities 463,272 440,123  Stockholders' equity:  Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding — — —  Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively 49 42  Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively 101  Additional paid in capital 238,093 222,621  Retained earnings 17,816 24,811  Accumulated other comprehensive loss (42,019) (17,497)  Total stockholders' equity 214,040 230,084			24				
Deferred other liabilities 1,416 2,726 Total liabilities 463,272 440,123  Stockholders' equity: Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and 42,286 shares issued and outstanding, respectively Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively Additional paid in capital 238,093 222,621 Retained earnings 17,816 24,811 Accumulated other comprehensive loss (42,019) (17,497) Total stockholders' equity 214,040 230,084	1 , 1		_		- , -		
Total liabilities 463,272 440,123  Stockholders' equity:  Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding  Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and  42,286 shares issued and outstanding, respectively  Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and  106,807 shares issued and outstanding, respectively  Additional paid in capital  Retained earnings  17,816  24,811  Accumulated other comprehensive loss  (42,019)  Total stockholders' equity  230,084	Purchase commitment and contingent consideration liabilities, net of current portion		8,009				
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Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding — — ————————————————————————————————	Total liabilities		463,272		440,123		
Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and outstanding — — — — — — — — — — — — — — — — — — —					<u> </u>		
outstanding       —       —         Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and       49       42         42,286 shares issued and outstanding, respectively       49       42         Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084	Stockholders' equity:						
outstanding       —       —         Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and       49       42         42,286 shares issued and outstanding, respectively       49       42         Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084	Preferred shares, \$0.001 par value, 30,000 shares authorized; no shares issued and						
42,286 shares issued and outstanding, respectively       49       42         Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084	outstanding		_		_		
42,286 shares issued and outstanding, respectively       49       42         Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084	Class A voting common stock, \$0.001 par value, 300,000 shares authorized; 48,673 and						
Class B voting common stock, \$0.001 par value, 150,000 shares authorized; 101,307 and 106,807 shares issued and outstanding, respectively       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084			49		42		
106,807 shares issued and outstanding, respectively       101       107         Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084							
Additional paid in capital       238,093       222,621         Retained earnings       17,816       24,811         Accumulated other comprehensive loss       (42,019)       (17,497)         Total stockholders' equity       214,040       230,084			101		107		
Retained earnings         17,816         24,811           Accumulated other comprehensive loss         (42,019)         (17,497)           Total stockholders' equity         214,040         230,084							
Accumulated other comprehensive loss         (42,019)         (17,497)           Total stockholders' equity         214,040         230,084	1 1						
Total stockholders' equity 214,040 230,084							
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Total natifices and stockholders equity		\$		\$			
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#### Vertex, Inc. and Subsidiaries Condensed Consolidated Statements of Comprehensive Loss (Unaudited)

	Three months ended				Nine months ende				
	September 30,				Septem				
(In thousands, except per share data)				2021	2022	2021			
Revenues:	_		_		-				
Software subscriptions	\$	106,368	\$	92,276	\$ 304,587	\$ 265,160			
Services		19,870		18,442	55,911	48,732			
Total revenues		126,238		110,718	360,498	313,892			
Cost of revenues:									
Software subscriptions		36,638		32,000	105,760	84,419			
Services		14,020		11,938	37,893	33,831			
Total cost of revenues		50,658		43,938	143,653	118,250			
Gross profit		75,580		66,780	216,845	195,642			
Operating expenses:									
Research and development		10,351		9,879	30,294	33,264			
Selling and marketing		30,252		25,658	89,683	70,673			
General and administrative		31,679		31,237	90,520	80,954			
Depreciation and amortization		2,936		3,082	9,120	8,787			
Other operating expense, net		1,233		538	1,927	4,892			
Total operating expenses		76,451		70,394	221,544	198,570			
Loss from operations		(871)		(3,614)	(4,699)	(2,928)			
Interest expense, net		361		521	1,079	671			
Loss before income taxes		(1,232)		(4,135)	(5,778)	(3,599)			
Income tax expense (benefit)		(91)		(187)	1,217	(2,747)			
Net loss		(1,141)		(3,948)	(6,995)	(852)			
Other comprehensive loss:									
Foreign currency translation adjustments and revaluations, net of									
tax		10,670		5,704	24,496	10,040			
Unrealized loss on investments, net of tax		28		_	26	_			
Other comprehensive loss, net of tax		10,698		5,704	24,522	10,040			
Total comprehensive loss	\$	(11,839)	\$	(9,652)	\$ (31,517)	\$ (10,892)			
•	_		_						
Net loss attributable to Class A stockholders, basic	\$	(369)	\$	(1,070)	\$ (2,092)	\$ (195)			
Net loss per Class A share, basic	\$	(0.01)	\$	(0.03)	\$ (0.05)	\$ (0.01)			
Weighted average Class A common stock, basic	_	48,488	_	40,141	44,708	33,775			
Net loss attributable to Class A stockholders, diluted	\$	(369)	\$	(1,070)	\$ (2,092)	\$ (195)			
Net loss per Class A share, diluted	\$	(0.01)	\$	(0.03)	\$ (0.05)	\$ (0.01)			
Weighted average Class A common stock, diluted	_	48,488		40,141	44,708	33,775			
						=======================================			
Net loss attributable to Class B stockholders, basic	\$	(772)		(2,878)	\$ (4,903)	\$ (657)			
Net loss per Class B share, basic	\$	(0.01)	\$	(0.03)	\$ (0.05)	\$ (0.01)			
Weighted average Class B common stock, basic		101,307		108,017	104,772	113,646			
Net loss attributable to Class B stockholders, diluted	\$	(772)	\$	(2,878)	\$ (4,903)	\$ (657)			
Net loss per Class B share, diluted	\$	(0.01)	_	(0.03)	\$ (0.05)	\$ (0.01)			
Weighted average Class B common stock, diluted	*	101,307	<u> </u>	108,017	104,772	113,646			
morghood average Class D common stock, unuted	_	101,507	_	100,017	101,772	113,010			

#### Vertex, Inc. and Subsidiaries Condensed Consolidated Statements of Cash Flows (Unaudited)

	Nine months ended				
	September 30,				
(In thousands)	_	2022		2021	
Cash flows from operating activities:	_		_		
Net loss	\$	(6,995)	\$	(852)	
Adjustments to reconcile net loss to net cash provided by operating activities:		( ) )		( )	
Depreciation and amortization		45,328		31,902	
Provision for subscription cancellations and non-renewals, net of deferred allowance		29		423	
Amortization of deferred financing costs		181		159	
Change in fair value of contingent consideration liability		2,000		_	
Write-off of deferred financing costs		370		_	
Stock-based compensation expense		14,383		20,250	
Deferred income tax benefit		(20)		(3,075)	
Non-cash operating lease costs		2,448		2,867	
Other		709		280	
Changes in operating assets and liabilities:					
Accounts receivable		(17,578)		12,120	
Prepaid expenses and other current assets		(2,465)		(3,669)	
Deferred commissions		(1,202)		(840)	
Accounts payable		106		1,529	
Accrued expenses		6,113		(2,445)	
Accrued and deferred compensation		(12,445)		(679)	
Deferred revenue		5,250		(1,971)	
Operating lease liabilities		(2,837)		(3,685)	
Other		(349)		354	
Net cash provided by operating activities		33,026		52,668	
Cash flows from investing activities:					
Acquisition of business, net of cash acquired		(474)		(251,412)	
Property and equipment additions		(42,973)		(23,899)	
Capitalized software additions		(10,288)		(7,902)	
Purchase of investment securities, available-for-sale		(6,127)		_	
Net cash used in investing activities		(59,862)		(283,213)	
Cash flows from financing activities:				,	
Net increase (decrease) in customer funds obligations		(2,603)		18,744	
Proceeds from term loan		50,000		_	
Payments for deferred financing costs		(983)		_	
Payments for taxes related to net share settlement of stock-based awards		(1,012)		(12,712)	
Proceeds from exercise of stock options		1,288		1,212	
Distributions under Tax Sharing Agreement		(536)		(2,700)	
Payments of finance lease liabilities		(96)		(685)	
Payments for deferred purchase commitments		(20,000)			
Net cash provided by (used in) financing activities		25,977		(5,953)	
Effect of exchange rate changes on cash, cash equivalents and restricted cash		(1,137)		(434)	
Net decrease in cash, cash equivalents and restricted cash		(1,996)		(236,932)	
Cash, cash equivalents and restricted cash, beginning of period		98,206		312,273	
Cash, cash equivalents and restricted cash, end of period	\$	96,210	\$	75,341	
Reconciliation of cash, cash equivalents and restricted cash to the Condensed					
Consolidated Balance Sheets, end of period:					
Cash and cash equivalents	\$	72,370	\$	47,481	
Restricted cash—funds held for customers		23,840		27,860	
Total cash, cash equivalents and restricted cash, end of period	\$	96,210	\$	75,341	
,	_		_		

# Summary of Non-GAAP Financial Measures (Unaudited)

	Three mont		Nine montl Septemb	
(Dollars in thousands, except per share data)	2022	2021	2022	2021
Non-GAAP cost of revenues, software subscriptions	\$ 24,959	\$ 20,595	\$ 71,073	\$ 60,060
Non-GAAP cost of revenues, services	\$ 13,646	\$ 11,178	\$ 36,838	\$ 31,855
Non-GAAP gross profit	\$ 87,633	\$ 78,945	\$ 252,587	\$ 221,977
Non-GAAP gross margin	69.4 %	71.3 %	70.1 %	70.7 %
Non-GAAP research and development expense	\$ 9,770	\$ 9,003	\$ 29,101	\$ 31,256
Non-GAAP selling and marketing expense	\$ 27,876	\$ 23,126	\$ 82,066	\$ 65,251
Non-GAAP general and administrative expense	\$ 29,335	\$ 24,944	\$ 83,859	\$ 66,545
Non-GAAP operating income	\$ 17,784	\$ 18,273	\$ 48,522	\$ 49,939
Non-GAAP net income	\$ 12,980	\$ 13,225	\$ 35,345	\$ 36,705
Non-GAAP diluted EPS	\$ 0.08	\$ 0.08	\$ 0.22	\$ 0.23
Adjusted EBITDA	\$ 20,720	\$ 21,355	\$ 57,642	\$ 58,726
Adjusted EBITDA margin	16.4 %	19.3 %	16.0 %	18.7 %
Free cash flow	\$ (1,058)	\$ 15,415	\$ (20,235)	\$ 20,867
Free cash flow margin	(0.8)%	13.9 %	(5.6)%	6.6 %

#### Vertex, Inc. and Subsidiaries Reconciliation of GAAP to Non-GAAP Financial Measures (Unaudited)

	Three mor	nths ended aber 30,	Nine mon Septem	ths ended ber 30,
(Dollars in thousands)	2022	2021	2022	2021
Non-GAAP Cost of Revenues, Software Subscriptions:				
Cost of revenues, software subscriptions	\$ 36,638	\$ 32,000	\$ 105,760	\$ 84,419
Stock-based compensation expense	(577)	(656)	(1,502)	(1,788)
Depreciation and amortization of capitalized software and				
acquired intangible assets – cost of subscription revenues	(11,102)	(10,749)	(33,185)	(22,571)
Non-GAAP cost of revenues, software subscriptions	\$ 24,959	\$ 20,595	\$ 71,073	\$ 60,060
Non-GAAP Cost of Revenues, Services:				
Cost of revenues, services	\$ 14,020	\$ 11,938	\$ 37,893	\$ 33,831
Stock-based compensation expense	(374)	(760)	(1,055)	(1,976)
Non-GAAP cost of revenues, services	\$ 13,646	\$ 11,178	\$ 36,838	\$ 31,855
Non-GAAP Gross Profit:				
Gross profit	\$ 75,580	\$ 66,780	\$ 216,845	\$ 195,642
Stock-based compensation expense	951	1,416	2,557	3,764
Depreciation and amortization of capitalized software and				
acquired intangible assets – cost of subscription revenues	11,102	10,749	33,185	22,571
Non-GAAP gross profit	\$ 87,633	\$ 78,945	\$ 252,587	\$ 221,977
Non-GAAP Gross Margin:				
Total Revenues	\$ 126,238	\$ 110,718	\$ 360,498	\$ 313,892
Non-GAAP gross margin	69.4 %	71.3 %	6 70.1 %	70.7 %
Non-GAAP Research and Development Expense:				
Research and development expense	\$ 10,351	\$ 9,879	\$ 30,294	\$ 33,264
Stock-based compensation expense	(581)	(876)	(1,193)	(2,008)
Non-GAAP research and development expense	\$ 9,770	\$ 9,003	\$ 29,101	\$ 31,256
Non-GAAP Selling and Marketing Expense:				
Selling and marketing expense	\$ 30,252	\$ 25,658	\$ 89,683	\$ 70,673
Stock-based compensation expense	(1,621)	(2,157)	(4,594)	(4,877)
Amortization of acquired intangible assets – selling and				
marketing expense	(755)	(375)	(3,023)	(545)
Non-GAAP selling and marketing expense	\$ 27,876	\$ 23,126	\$ 82,066	\$ 65,251
Non-GAAP General and Administrative Expense:				
General and administrative expense	\$ 31,679	\$ 31,237	\$ 90,520	\$ 80,954
Stock-based compensation expense	(2,103)	(2,973)	(6,039)	(9,601)
Severance expense	(241)	(3,320)	(622)	(4,808)
Non-GAAP general and administrative expense	\$ 29,335	\$ 24,944	\$ 83,859	\$ 66,545

# Vertex, Inc. and Subsidiaries Reconciliation of GAAP to Non-GAAP Financial Measures (continued) (Unaudited)

	Three months ended September 30,					Nine Montl Septemb			
(In thousands, except per share data)		2022		2021		2022	2	2021	
Non-GAAP Operating Income:	_		_						
Loss from operations	\$	(871)	\$	(3,614)	\$	(4,699) \$	3	(2,928)	
Stock-based compensation expense		5,256		7,422		14,383	2	20,250	
Depreciation and amortization of capitalized software and acquired									
intangible assets - cost of subscription revenues		11,102		10,749		33,185	2	22,571	
Amortization of acquired intangible assets – selling and marketing									
expense		755		375		3,023		545	
Severance expense		241		3,320		622		4,808	
Acquisition contingent consideration		1,300		_		2,000			
Transaction costs		1		21		8		4,693	
Non-GAAP operating income	\$	17,784	\$	18,273	\$	48,522 \$	3 4	49,939	
	_		_		_			<u></u>	
Non-GAAP Net Income:									
Net loss	\$	(1,141)	\$	(3,948)	\$	(6,995) \$	3	(852)	
Income tax (benefit) expense		(91)		(187)		1,217		(2,747)	
Stock-based compensation expense		5,256		7,422		14,383	2	20,250	
Depreciation and amortization of capitalized software and acquired									
intangible assets - cost of subscription revenues		11,102		10,749		33,185	2	22,571	
Amortization of acquired intangible assets – selling and marketing									
expense		755		375		3,023		545	
Severance expense		241		3,320		622		4,808	
Acquisition contingent consideration		1,300		_		2,000		_	
Transaction costs		1		21		8		4,693	
Non-GAAP income before income taxes		17,423		17,752		47,443	4	49,268	
Income tax adjustment at statutory rate		(4,443)		(4,527)		(12,098)	(	12,563)	
Non-GAAP net income	\$	12,980	\$	13,225	\$	35,345 \$	3	36,705	
Non-GAAP Diluted EPS:									
Non-GAAP net income	\$	12,980	\$	13,225	\$	35,345 \$	3 1	36,705	
	<u> </u>	159,043	Ψ	157,402	_	158,654		57,679	
Weighted average Class A and B common stock, diluted	Ф		Ф		_				
Non-GAAP diluted EPS	\$	0.08	\$	0.08	\$	0.22	)	0.23	

### Vertex, Inc. and Subsidiaries Reconciliation of GAAP to Non-GAAP Financial Measures (continued) (Unaudited)

	Three months ended September 30,				Nine Mon Septem				
(Dollars in thousands)	2022		2021	2022			2021		
Adjusted EBITDA:	 								
Net loss	\$ (1,141)	\$	(3,948)	\$	(6,995)	\$	(852)		
Interest expense (income), net	361		521		1,079		671		
Income tax expense (benefit)	(91)		(187)		1,217		(2,747)		
Depreciation and amortization - property and equipment	2,936		3,082		9,120		8,787		
Depreciation and amortization of capitalized software and acquired intangible assets - cost of subscription									
revenues	11,102		10,749		33,185		22,571		
Amortization of acquired intangible assets - selling and marketing expense	755		375		3,023		545		
Stock-based compensation expense	5,256		7,422		14,383		20,250		
Severance expense	241		3,320		622		4,808		
Acquisition contingent consideration	1,300		_		2,000		_		
Transaction costs	1		21		8		4,693		
Adjusted EBITDA	\$ 20,720	\$	21,355	\$	57,642	\$	58,726		
Adjusted EBITDA Margin:									
Total revenues	\$ 126,238	\$	110,718	\$	360,498	\$	313,892		
Adjusted EBITDA margin	16.4 %	)	19.3 %		16.0 %	_	18.7 %		

	Three months ended September 30,			- ,	e Montl eptemb	hs Ended er 30,
(Dollars in thousands)	2022		2021	202	:2	2021
Free Cash Flow:						
Cash provided by operating activities	\$ 18,450	\$	26,203	\$ 33,	026	\$ 52,668
Property and equipment additions	(15,146)		(8,011)	(42,	973)	(23,899)
Capitalized software additions	(4,362)		(2,777)	(10,	288)	(7,902)
Free cash flow	\$ (1,058)	\$	15,415	\$ (20,	235)	\$ 20,867
Free Cash Flow Margin:						
Total revenues	\$ 126,238	\$	110,718	\$ 360,	498	\$ 313,892
Free cash flow margin	(0.8)%	·	13.9 %	-	(5.6)%	6.6 %

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