

Vertex Announces Third Quarter 2022 Financial Results

November 9, 2022

KING OF PRUSSIA, Pa., Nov. 09, 2022 (GLOBE NEWSWIRE) -- 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 <u>www.vertexinc.com</u> 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)

t assets: a and cash equivalents Is held for customers unts receivable, net of allowance of \$9,620 and \$9,151, respectively aid expenses and other current assets stment securities available-for-sale, current (amortized cost of \$6,163 at September 30, 2022) current assets ty and equipment, net of accumulated depreciation lized software, net of accumulated amortization rill and other intangible assets ed commissions		As of ptember 30, 2022	De	As of ecember 31, 2021
	(1	unaudited)		
Assets				
Current assets:	•		•	
•	\$	72,370	\$	73,333
		23,840		24,873
		94,529		76,929
		22,494		20,536
Investment securities available-for-sale, current (amortized cost of \$6,163 at September 30, 2022)		6,127		
Total current assets		219,360		195,671
Property and equipment, net of accumulated depreciation		109,123		98,390
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		18,089		20,249
Other assets		2,422		1,900
Total assets	\$	677,312	\$	670,207
Liabilities and Stockholders' Equity				
Current liabilities:				
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		26,462
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	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
Retained earnings	17,816	24,811
Accumulated other comprehensive loss	(42,019)	(17,497)
Total stockholders' equity	214,040	230,084
Total liabilities and stockholders' equity	\$ 677,312	\$ 670,207

Vertex, Inc. and Subsidiaries Condensed Consolidated Statements of Comprehensive Loss (Unaudited)

		Three mo	ended		Nine months ended				
		Septen	nber	30,		Septer	nber	30,	
(In thousands, except per share data)	:	2022		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		108,017	 104,772		113,646
	 	_		 	_	

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

In thousands) 2022 2021 Cash Hows from operating activities: \$ (6,995) \$ (852) Adjustments to reconcile net loss to net cash provided by operating activities: \$ (6,995) \$ (852) 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 lease costs 2,448 2,4651 Other (12,02) (840) Accounds and deferred compensation (12,02) (840) Accounts receivable (12,02) (840) 106 1,529 Accrued expenses 6,113 <th></th> <th>Nine month Septembe</th> <th></th>		Nine month Septembe	
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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: (17,578) 12,120 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 Accoud and deferred compensation (12,445) (679) Deferred revenue 5,250 (1,971) Operating lease liabilities: (2,437) (3,688) Other (33,026 52,688 Cash flows from investing activities: (42,973) (2,3899) Cash flows from investing activities: (42,973) (2,3899) Cash flows from investing activities, available-for-sale (6,127)	Provision for subscription cancellations and non-renewals, net of deferred allowance	29	423
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: 709 280 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 Accourde and deferred compensation (12,445) (677) Deferred revenue 5,250 (1,971) Operating lease liabilities (3,026) 52,668 Other (349) 354 Net cash provided by operating activities 30,226 52,668 Cash flows from investing activities (42,973) (23,899) Capitalized software additions (10,288) (7,902) Purchase of investiment securities, available-for-sale (6,127)	Amortization of deferred financing costs	181	159
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: 709 280 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 (33,026 52,668 Cash flows from investing activities 33,026 52,668 Cash flows from investing activities: (42,473) (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) (28,213)	Change in fair value of contingent consideration liability	2,000	_
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: (17,578) 12,120 Accounts receivable (17,578) 12,120 Prepaid expenses and other current assets (2,465) (3,669) Deferred commissions (1,202) (840) Accounds 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 (3,3026 52,668 Cash flows from investing activities 33,026 52,668 Cash flows from investing activities: (42,973) (23,899) Capitalized software additions (10,288) (7,902) Purchase of investiment securities, available-for-sale (6,127) — Net cash used in investing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,	Write-off of deferred financing costs	370	_
Non-cash operating lease costs 2,448 2,867 Other 709 280 Changes in operating assets and liabilities: 709 280 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 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: (42,973) (23,899) 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	Stock-based compensation expense	14,383	20,250
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 (12,245) (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: (42,973) (23,899) Acquisition of business, net of cash acquired (42,973) (23,899) Capitalized software additions (10,288) (7,902) Purchase of investing activities (59,862) (283,213) Cash flows from financing activities (2,603) 18,744 Proceeds from term loan 50,000 - Payments for d	Deferred income tax benefit	(20)	(3,075)
Changes in operating assets and liabilities:Accounts receivable(17,578)12,120Prepaid expenses and other current assets(2,465)(3,669)Deferred commissions(1,202)(840)Accounts payable1061,529Accrued expenses6,113(2,445)Accrued and deferred compensation(12,445)(679)Deferred revenue5,250(1,971)Operating lease liabilities(2,837)(3,685)Other(349)354Net cash provided by operating activities33,02652,668Cash flows from investing activities:(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 storm funds obligations(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Non-cash operating lease costs	2,448	2,867
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: (474) (251,412) Property and equipment additions (42,973) (23,899) Capitalized software additions (10,288) (7,902) Purchase of investing activities (59,862) (283,213) Cash flows from financing activities (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from financing activities: (59,862)	Other	709	280
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 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 33,026 52,668 Cash flows from investing activities (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 (59,862) (283,213) Cash flows from financing activities (2,603) 18,744 Proceeds from term loan 50,000 - Payments for deferred financing costs (983) -	Changes in operating assets and liabilities:		
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) (3,865) Other (349) 354 Net cash provided by operating activities 33,026 52,668 Cash flows from investing activities: (474) (251,412) Property and equipment additions (42,973) (23,899) Capitalized software additions (6,127) — Net cash used in investing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from financing activities: (50,000) — Net increase (decrease) in customer funds obligations (2,603) 18,744 Proceeds from term loan 50,000 — Payments for deferred financing costs (983) <	Accounts receivable	(17,578)	12,120
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: (474) (251,412) Property and equipment additions (42,973) (23,899) Capitalized software additions (6,127) - Net cash used in investing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from financing activities: (59,862) (283,213) Cash flows from tinancing activities: (2,603) 18,744 Proceeds from term loan 50,000 - Payments for deferred financing costs (983) -	Prepaid expenses and other current assets	(2,465)	(3,669)
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: 33,026 52,668 Cash flows from investing activities: (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 (2,603) 18,744 Proceeds from term loan 50,000 — Payments for deferred financing costs (983) —	Deferred commissions	(1,202)	(840)
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: 33,026 52,668 Cash flows from investing activities: (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: (59,862) (283,213) Cash flows from financing activities: (50,000) — Net increase (decrease) in customer funds obligations (2,603) 18,744 Proceeds from term loan 50,000 — Payments for deferred financing costs (983) —	Accounts payable	106	1,529
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: (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: (2,603) 18,744 Proceeds from term loan 50,000 — Payments for deferred financing costs (983) —	Accrued expenses	6,113	(2,445)
Operating lease liabilities(2,837)(3,685)Other(349)354Net cash provided by operating activities33,02652,668Cash flows from investing activities:(474)(251,412)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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Accrued and deferred compensation	(12,445)	(679)
Other(349)354Net cash provided by operating activities33,02652,668Cash flows from investing activities:(474)(251,412)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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Deferred revenue	5,250	(1,971)
Net cash provided by operating activities33,02652,668Cash flows from investing activities:(474)(251,412)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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Operating lease liabilities	(2,837)	(3,685)
Cash flows from investing activities:(474)(251,412)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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Other	 (349)	354
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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Net cash provided by operating activities	33,026	52,668
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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Cash flows from investing activities:	 	
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:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Acquisition of business, net of cash acquired	(474)	(251,412)
Purchase of investment securities, available-for-sale(6,127)—Net cash used in investing activities(59,862)(283,213)Cash flows from financing activities:(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Property and equipment additions	(42,973)	(23,899)
Net cash used in investing activities(59,862)(283,213)Cash flows from financing activities:Net increase (decrease) in customer funds obligations(2,603)18,744Proceeds from term loan50,000Payments for deferred financing costs(983)	Capitalized software additions	(10,288)	(7,902)
Cash flows from financing activities:Net increase (decrease) in customer funds obligations(2,603)18,744Proceeds from term loan50,000Payments for deferred financing costs(983)	Purchase of investment securities, available-for-sale	(6,127)	_
Net increase (decrease) in customer funds obligations(2,603)18,744Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Net cash used in investing activities	 (59,862)	(283,213)
Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Cash flows from financing activities:	 	i
Proceeds from term loan50,000—Payments for deferred financing costs(983)—	Net increase (decrease) in customer funds obligations	(2,603)	18,744
			_
	Payments for deferred financing costs	(983)	_
	Payments for taxes related to net share settlement of stock-based awards		(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 months ended September 30,					Nine months ended September 30,				
(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. <u>3</u> %		70.1	%	70.7 <mark></mark> %		
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 Septen		Nine months ended September 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		11,102		10,749		33,185		22,571
intangible assets – cost of subscription revenues	\$		\$		\$		¢	
Non-GAAP gross profit	ф	87,633	φ	78,945	φ	252,587	φ	221,977
Non-GAAP Gross Margin:								
Total Revenues	\$	126,238	\$	110,718	\$	360,498	\$	313,892
Non-GAAP gross margin		69.4	%	71.3	%	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
New OAAD Orwend and Administrative Free and								
Non-GAAP General and Administrative Expense:	\$	24 670	\$	24 027	\$	00 520	\$	80.054
General and administrative expense Stock-based compensation expense	φ	31,679 (2,103)	φ	31,237 (2,973)	φ	90,520 (6,039)	φ	80,954 (9,601)
Stock-based compensation expense Severance expense		(2,103)		(2,973)		(6,039)		(4,808)
	\$	29,335	\$	24,944	\$	83,859	\$	66,545
Non-GAAP general and administrative expense	Ψ	20,000	Ψ	24,944	Ψ	05,059	Ψ	00,040

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

		Three mor Septen		Nine Months Ended September 30,				
(In thousands, except per share data)		2022		2021		2022		2021
Non-GAAP Operating Income:								
Loss from operations	\$	(871)	\$	(3,614)	\$	(4,699)	\$	(2,928)
Stock-based compensation expense		5,256		7,422		14,383		20,250
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
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	\$	49,939
Non-GAAP Net Income:								
Net loss	\$	(1,141)	\$	(3,948)	\$	(6,995)	\$	(852)
Income tax (benefit) expense		(91)		(187)		1,217		(2,747)
Stock-based compensation expense		5,256		7,422		14,383		20,250
Depreciation and amortization of capitalized software and acquired intangible assets - cost of subscription revenues Amortization of acquired intangible assets – selling and marketing		11,102		10,749		33,185		22,571
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	 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	\$ 36,705
Non-GAAP Diluted EPS:				
Non-GAAP net income	\$ 12,980	\$ 13,225	\$ 35,345	\$ 36,705
Weighted average Class A and B common stock, diluted	 159,043	 157,402	 158,654	 157,679
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 Months Ended September 30,				
(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	ł			40 740		00.405		00 574	
intangible assets - cost of subscription revenues Amortization of acquired intangible assets - selling and marketing		11,102		10,749		33,185		22,571	
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 %	

(Dollars in thousands)	 Three months ended September 30,				Nine Months Ended September 30,				
	2022	2021		2022		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 9	6	(5.6)	%	6.6 %		

Investor Relations Contact: Joe Crivelli Vertex, Inc.

ir@vertexinc.com

Media Contact:

Rachel Litcofsky Vertex, Inc. mediainquiries@vertexinc.com