BlackLine Investor Presentation

As of May 5, 2022



Safe Harbor

This presentation contains forward-looking statements. These statements may relate to, but are not limited to, expectations of future operating results or financial performance of BlackLine, Inc. ("BlackLine" or the "Company"), the calculation of certain key financial and operating metrics, capital expenditures, introduction of new solutions or products, expansion into new markets, regulatory compliance, plans for growth and future operations, technological capabilities, and ability to execute our technology and platform initiatives and strategic relationships, including our relationship with SAP, as well as assumptions relating to the foregoing. Forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "could," "expect," "plan," anticipate," "believe," "estimate," "predict," "intend," "potential," "would," "continue," "ongoing" or the negative of these terms or other comparable terminology. You should not put undue reliance on any forward-looking statements. Forward-looking statements should not be read as a guarantee of future performance or results, and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved, if at all.

Forward-looking statements are based on information available at the time those statements are made and/or management's good faith beliefs and assumptions as of that time with respect to future events, and are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward looking statements. In light of these risks and uncertainties, the forward-looking events and circumstances discussed in this presentation may not occur and actual results could differ materially from those anticipated or implied in the forward-looking statements. These risks and uncertainties are described in greater detail under the heading "Risk Factors" in the filings we make with the Securities and Exchange Commission ("SEC") from time to time, which are available on our website at http://investors.blackline.com and on the SEC's website at www.sec.gov. Except as required by law, BlackLine does not undertake any obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future developments or otherwise.

In addition, statements that "we believe" and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this presentation, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and investors are cautioned not to unduly rely upon these statements.

In addition to U.S. GAAP financials, this presentation includes certain non-GAAP financial measures, including non-GAAP revenue, gross profit, gross margin, free cash flow, sales and marketing expense, research and development expense, general and administrative expense, loss from operations and operating margin (loss). These non-GAAP measures are in addition to, not a substitute for or superior to, measures of financial performance prepared in accordance with U.S. GAAP. The non-GAAP financial measures we use may differ from the non-GAAP financial measures used by other companies. A reconciliation of these measures to the most directly comparable GAAP measure is included in the Appendix to this presentation.



Champions of strategic accounting and finance transformation

OUR VISION

To be the indispensable platform for the office of the controller

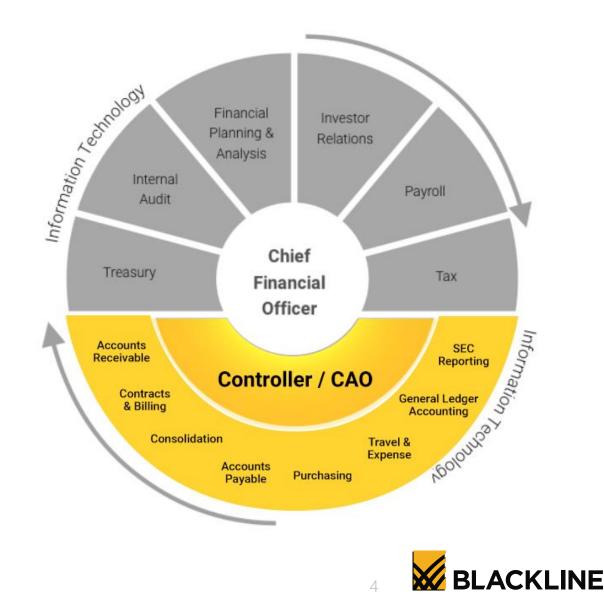


¹ Combined TAM for Financial Close and Accounts Receivable Markets. Financial Close TAM of \$18.5B based on Frost and Sullivan 2018 TAM for Core Products. Accounts Receivable TAM of \$10B based on independent third-party analysis and assumes ~40,000 target customers in the US, UK, and EMEA with maximum ARR spend of \$250K.

Our Market Is the Office of the Controller

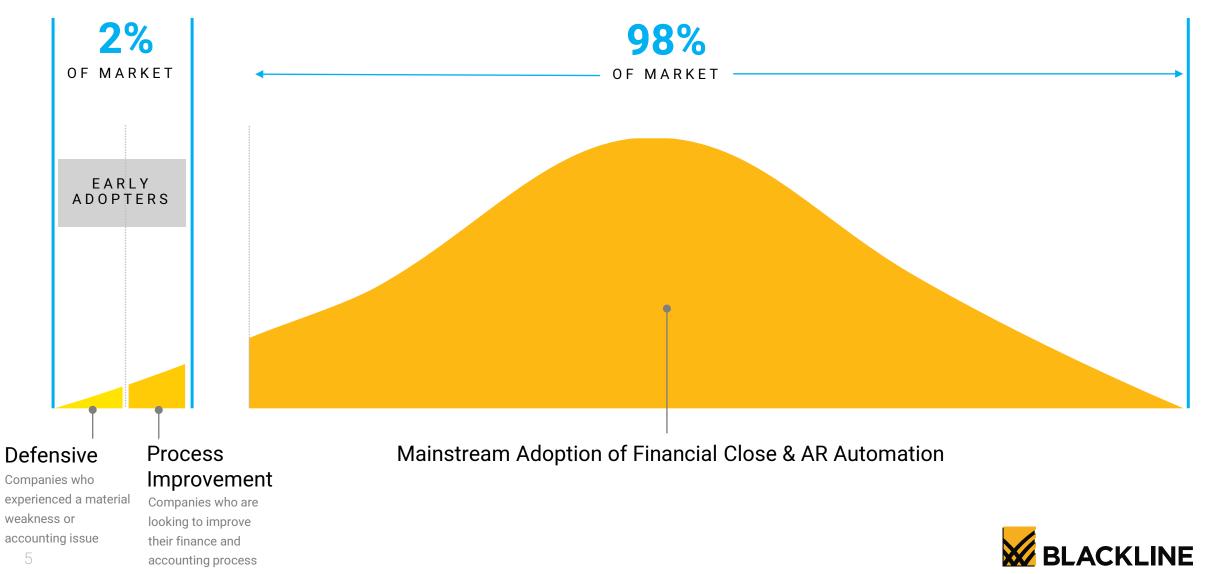
Who is the Corporate Controller?

- The Controller plays a critical role in an organization's financial health
- The Controller oversees a large team across many interconnected departments
- The status quo for today's Controllers and their teams is manual processes with information being shared in binders, shared drives, and emails

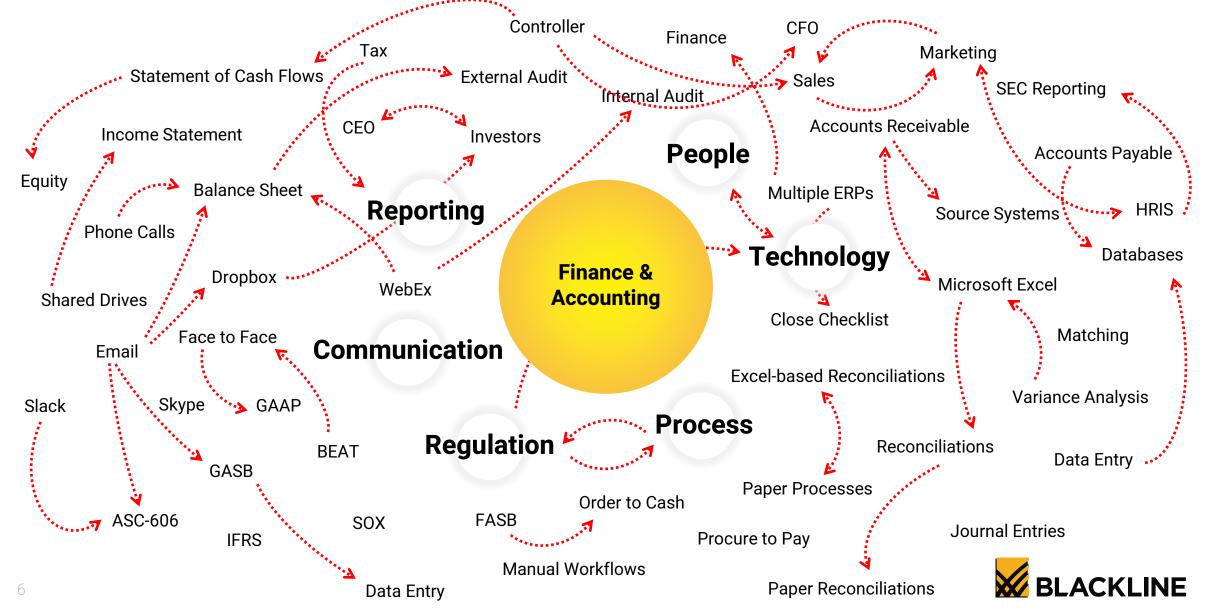


The Office of the Controller has Long Been an Area of Underinvestment

The pandemic has accelerated the global economy's shift to modern software and put a spotlight on the back office



With Manual Accounting Processes That Are Not Sustainable

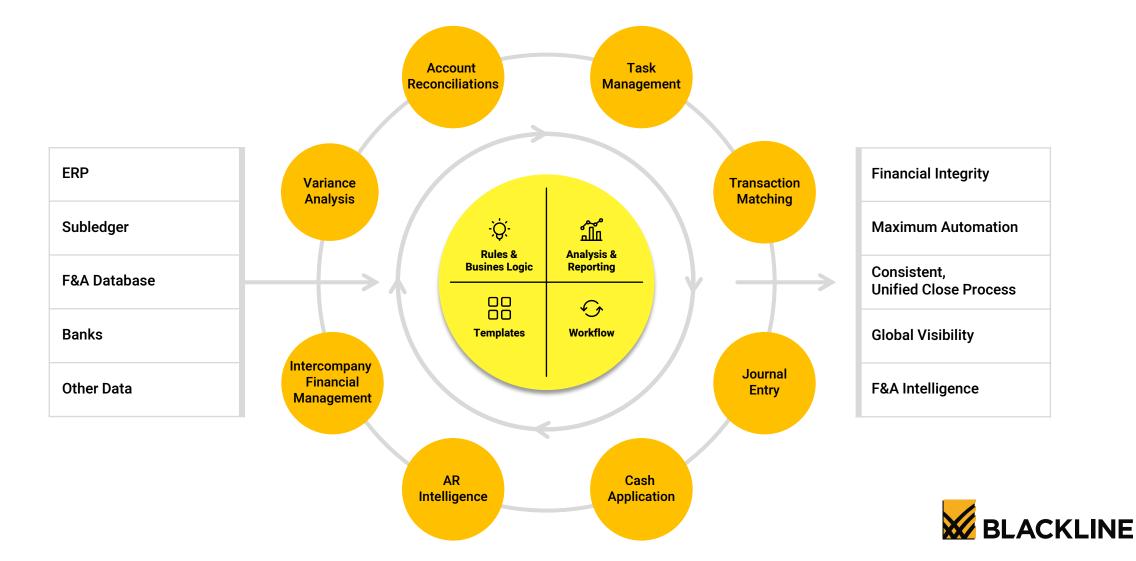


And Significant Challenges That Impact the C-Suite



/

BlackLine's Financial Operations Management Platform Drives Modern Accounting & Optimizes Financial Operations



And Enables Strategic Accounting & Finance Transformation

Financial Close Accounts Receivable Intercompany Management Automation Financial Management

Drive accountability through visibility. Reporting & Dashboards

Build accuracy, control, and consistency into every process. Financial Controls from Order to Cash to the Financial Close & Compliance

Automate the repetitive to enable higher-value work. Intelligent Automation

Unify systems and data for a complete financial story. Secure integrations, ERP connectors & APIs





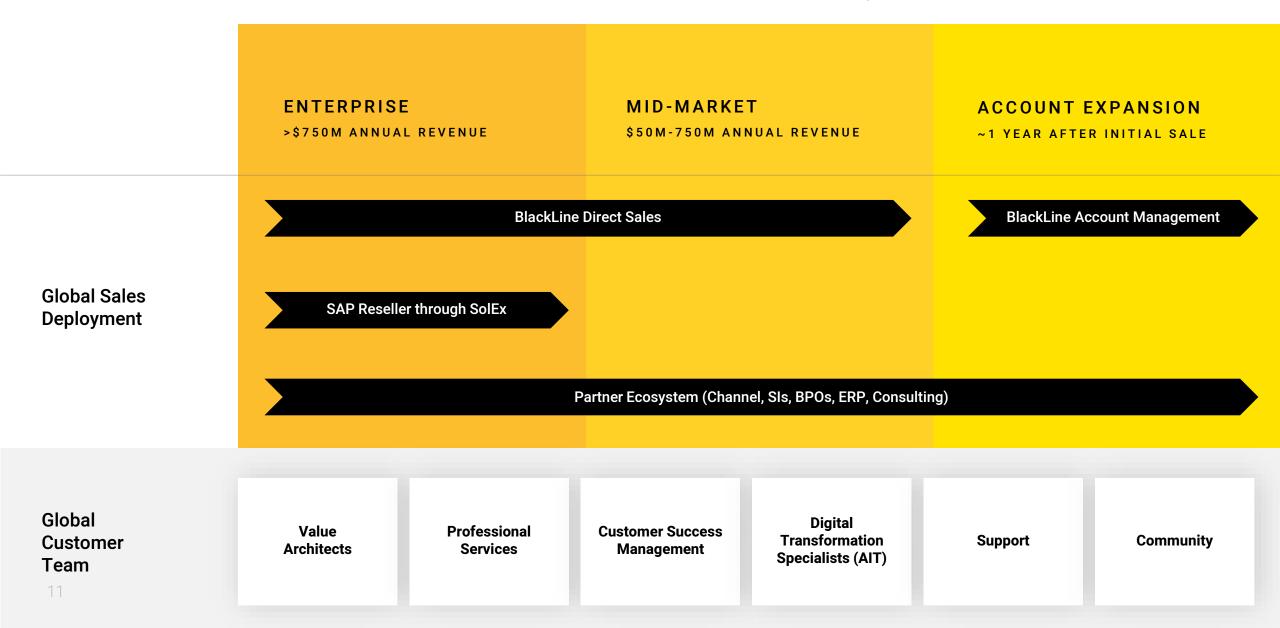


The Collaborative Accounting Experience Sets BlackLine Apart

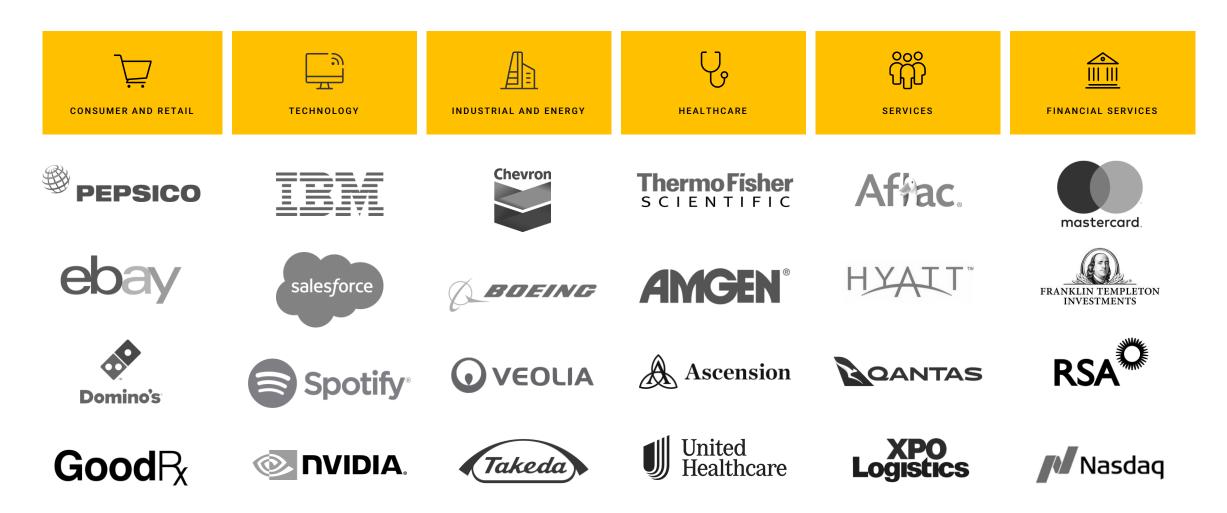
Proven land and expand approach that drives expansion and value for our customers



Proven Go To Market & Customer Strategy



Strength Across Geographies, Sectors & Sizes





Extending the Competitive Moat Drives Further Growth

Indispensable Platform for the Controller

- SaaS-based platform
- End-to-end accounting automation technology
- Highly scalable and configurable
- ERP agnostic
- Expanded functionality for the controller

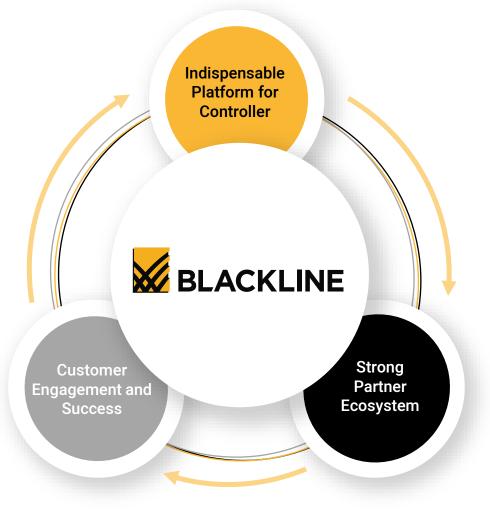
Strong Partner Ecosystem

- Strategic reseller partnership with SAP Solution Extensions
- Global & regional consulting alliances
- Partner validation, C-Suite access & influence, and partner deployments
- Comprehensive partner enablement program

Customer Engagement and Success

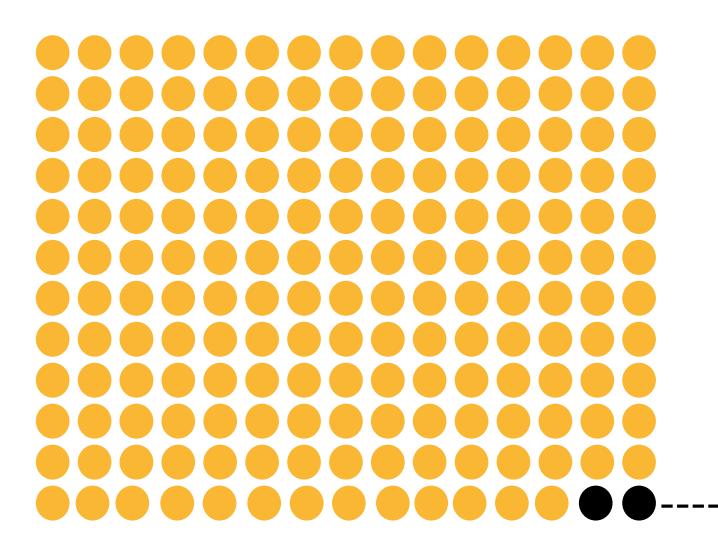
Guide all 3,800+ customers along their path to digital transformation, accelerate platform adoption and expand net revenue retention via:

- Leveraging Blackline expertise and best practices
- Providing one-on-one and one-to-many optimization workshops
- BeyondTheBlack user conference attended by 5,700+ organizations





Market Leader with Large & Underpenetrated TAM





\$18.5B financial close market ¹ \$10B accounts receivable market ²

comprised of 165,000 target customers

\$447M BlackLine LTM revenue comprised of 3,800+ customers ³

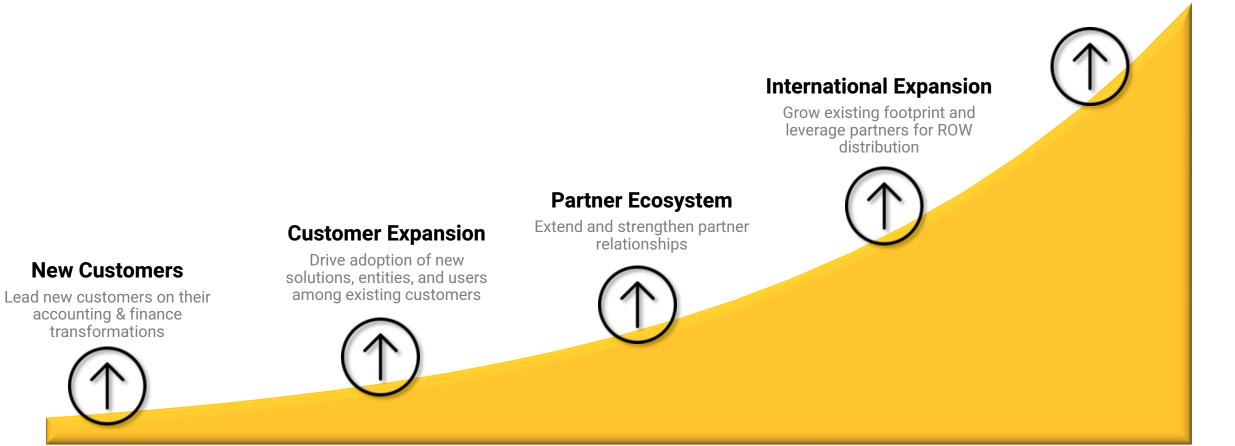


¹ Source: Frost and Sullivan/2018 TAM for Core Products. Assumes 165,000 target customers.
² Source: Independent third-party analysis. Assumes ~40,000 target customers in the US, UK & EMEA with a maximum ARR spend of \$250K.
³ As of March 31, 2022

Multiple Growth Levers

Product Adjacencies

Expand to relevant adjacencies with product development & strategic M&A





Financial Highlights



Q1'22 Revenue Growth¹



Q1'22 Dollar-Based Net Revenue Retention Rate



Q1'22 Non-GAAP Gross Margin

1%

Q1'22 Non-GAAP Operating Margin

High Growth Subscription Model

Strong secular tailwinds, early stages in a large market, new customers and expansion within existing customer base

Compelling Expansion Model

High predictability from successful land and expand strategy

High Gross Margins

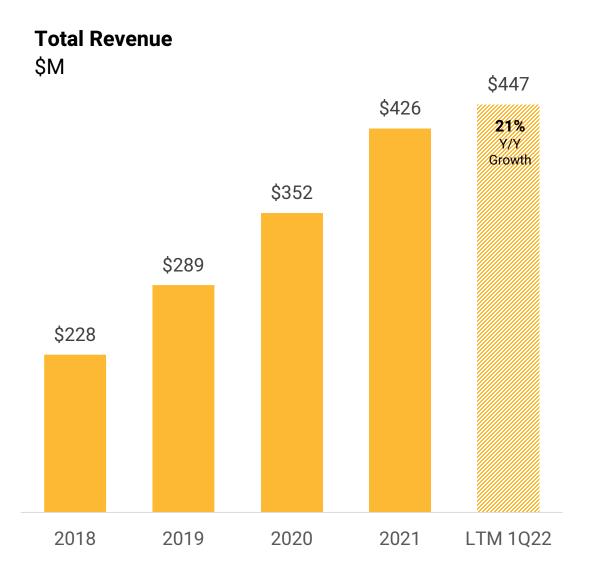
94% SaaS recurring revenue

Investing for Long-Term Growth

Investments in customer success, platform innovation and global expansion



Highly Visible Subscription Growth Model



Subscription & Support Revenue

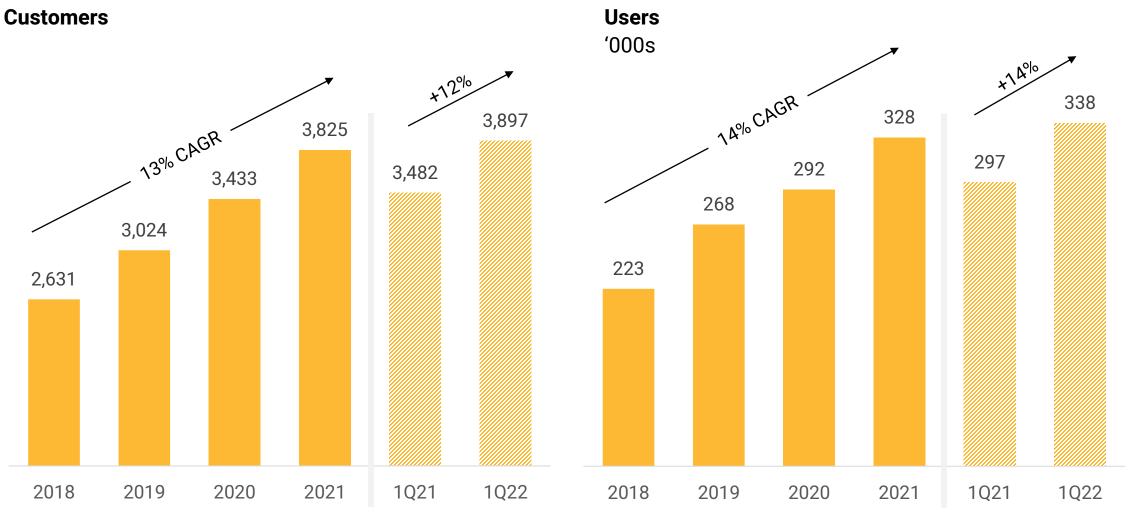








Consistent Customer and User Growth





Strong Renewal Rate Driving Overall Retention Rate

110% 110% 109% 108% 106% 98% 97% 98% 97% 97% 2018 2019 2020 2021 1Q22 2018 2019 2020 2021 1022

Dollar-Based Net Revenue Retention Rate

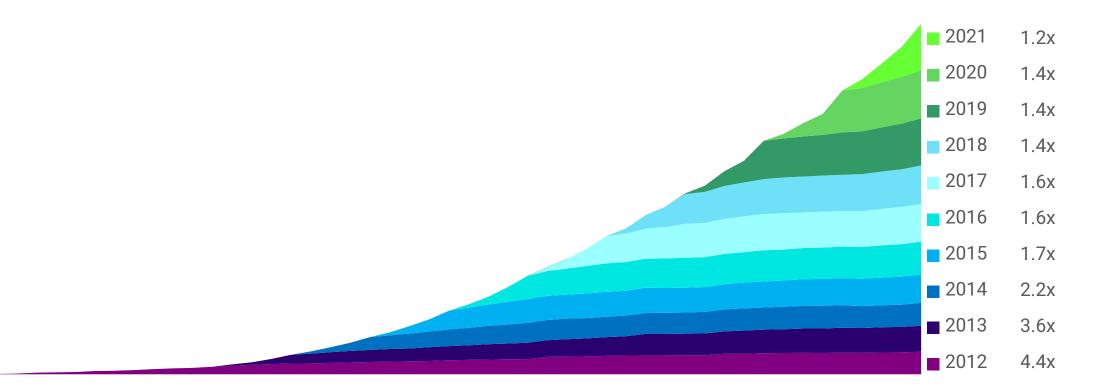
Dollar-based revenue renewal rate for each period is calculated by dividing (a) the total actual annualized subscription and support revenue of customer contracts renewed for a given period by (b) the total annualized subscription and support revenue up for renewal of customer contracts expiring in the same period. Dollar-based net revenue retention rate is calculated as the implied monthly subscription and support revenue at the end of a period for the base set of customers from which the company generated subscription revenue in the year prior to the calculation, divided by the implied monthly subscription and support revenue one year prior to the date of calculation for that same customer base. This calculation does not reflect implied monthly subscription and support revenue for new customers added during the one-year period but does include the effect of customers who terminated during the period.

Dollar-Based Revenue Renewal Rate

Compelling Land and Expand Model

Annualized Revenue by Customer Cohort¹

Growth Multiple

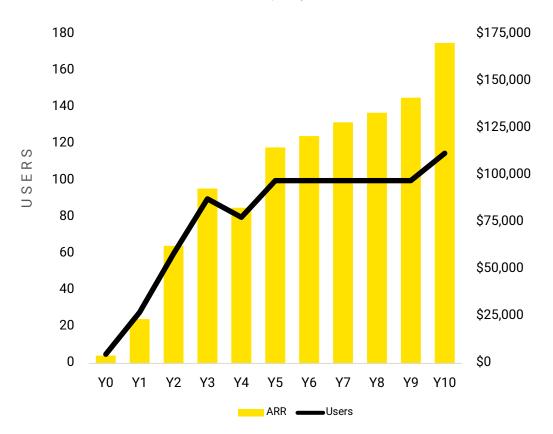


¹Reflects annualized subscription and support revenue for the group of customers that became our customers in each respective cohort year. A "cohort" is a grouping of customers by the year specified. For instance, the 2012 cohort includes all customers whose contract start date is between January 1, 2012 and December 31, 2012. We calculate annualized subscription and support revenue at a particular date as the total amount of minimum subscription and support revenue contractually committed under each of our customer agreements for that month through the remaining term of the agreement, divided by the remaining number of months in the term of the agreement, multiplied by twelve. We calculate initial annualized subscription and support revenue for any given cohort year as the sum of annualized subscription and support revenue as of the first month of each customer agreement that was entered into within that given cohort year. Accordingly, in contrast to annualized subscription and support revenue, initial annualized subscription and support revenue does not reflect any changes in the payments due under or the duration of customer agreements following the first month of the customer agreement. Our annualized subscription and support revenue as of December 31, 2021 for each of our 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 and 2021 customer cohorts represented an increase over the initial annualized subscription and support revenue for such customer cohorts, shown as the "Growth Multiple" above.

Customer Expansion in Action

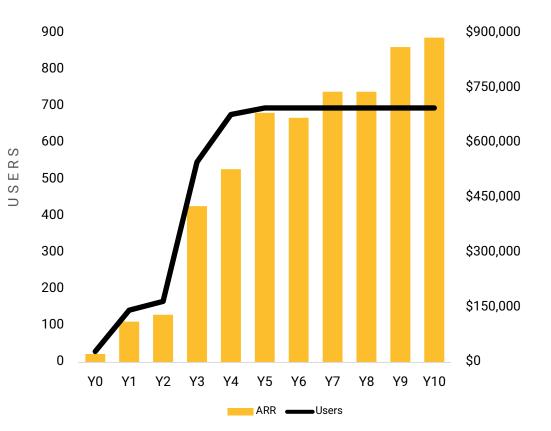
Mid-Market Customer

Financial Services Company *Current ARR of ~\$170K*



Enterprise Customer

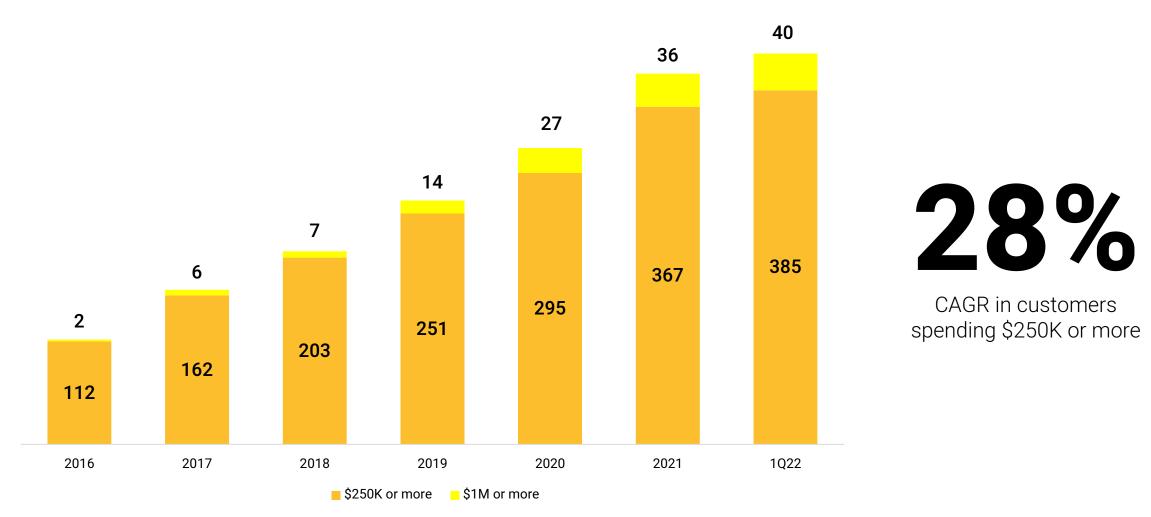
Global Industrials Company *Current ARR of ~\$900K*





Growing Customer Wallet Share

More than 400 customers with an ARR¹ of \$250K+



Strategic Product Installed Base Opportunity

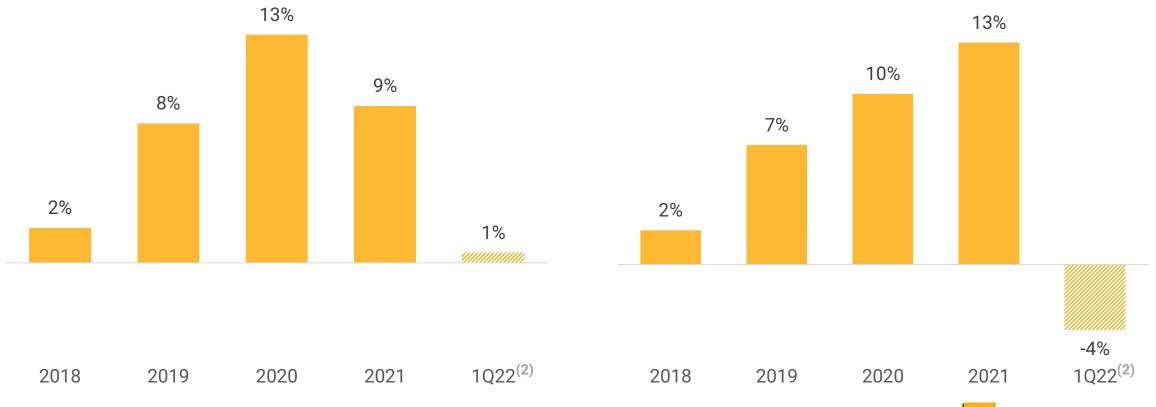
	T R A N S A C T I O N M A T C H I N G	C A S H A P P L I C A T I O N	S M A R T C L O S E	INTERCOMPANY HUB
Customers who are target candidates	3,400+	3,400+	~900	1,800+
Portion of this opportunity currently captured	24%	6%	7%	2%
23 Based on number of customers who have purchased these products as of December 31, 2021.	\$150M+	\$250M+	\$100M+	\$300M+

Demonstrated and Sustained Profitability & Cash Flow

Non-GAAP Net Income Margin⁽¹⁾

Free Cash Flow Margin

CKLINE



Free cash flow defined as cash flows from operating activities less capex.

¹ See appendix for GAAP financial measures and reconciliations. 2017-19 values have been adjusted for the non-cash, income tax revision.

² Reflects investments into long-term growth initiatives (customer success, platform innovation and global expansion).

Target Operating Model

% of Revenue	FY17	FY18	FY19	FY20	FY21	Long-Term Target Model
Gross Margin ¹	81%	82%	83%	83%	80%	~83%
S&M ¹	51%	51%	48%	42%	41%	38% - 42%
R&D ¹	13%	12%	13%	14%	16%	14% - 16%
G&A ¹	16%	17%	16%	15%	15%	7% - 9%
Operating Margin ¹	1%	2%	6%	12%	9%	20%+



Appendix



NON-GAAP RECONCILIATIONS AND DEFINITIONS NON-GAAP REVENUE, NON-GAAP GROSS PROFIT, AND FREE CASH FLOW (\$000'S)

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	2017	2018	2019	2020	2021
Non-GAAP Revenues																		
GAAP Revenues	\$64,129	\$69,664	\$74,925	\$80,258	\$82,598	\$83,272	\$90,157	\$95,710	\$98,856	\$102,122	\$109,402	\$115,326	\$120,236	\$175,603	\$227,788	\$288,976	\$351,737	\$425,706
Purchase accounting adjustment to revenue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-GAAP Revenues	\$64,129	\$69,664	\$74,925	\$80,258	\$82,598	\$83,272	\$90,157	\$95,710	\$98,856	\$102,122	\$109,402	\$115,326	\$120,236	\$175,603	\$227,788	\$288,976	\$351,737	\$425,706
Non-GAAP Gross Profit																		
GAAP Gross Profit	\$50,511	\$54,720	\$59,633	\$65,137	\$66,533	\$66,529	\$73,175	\$76,528	\$76,966	\$78,550	\$84,965	\$87,354	\$89,563	\$134,218	\$176,914	\$230,001	\$282,765	\$327,835
Purchase accounting adjustment to revenue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amortization of acquired developed technology	1,711	1,712	1,199	175	175	176	176	665	665	670	675	675	2,337	6,847	6,863	4,797	1,192	2,685
Stock-based compensation expense	888	1,159	1,431	1,336	1,323	1,706	1,871	1,996	1,750	2,227	2,213	2,220	1,714	1,149	3,265	4,814	6,896	8,410
Transaction-related costs	-	-	-	-	-	-	-	-	-	-	-	-	272	-	-	-	-	-
Total Non-GAAP Gross Profit	\$53,110	\$57,591	\$62,263	\$66,648	\$68,031	\$68,411	\$75,222	\$79,189	\$79,381	\$81,447	\$87,853	\$90,249	\$93,886	\$142,214	\$187,042	\$239,612	\$290,853	\$338,930
Free Cash Flow																		
Cash flows from operating activities	\$3,026	\$8,620	\$9,854	\$8,224	\$8,517	\$9,617	\$21,789	\$14,812	\$28,505	\$12,388	\$17,074	\$22,126	\$1,498	\$6,424	\$16,140	\$29,724	\$54,735	\$80,093
Capitalized software development costs	(1,232)	(1,367)	(1,152)	(1,309)	(2,289)	(2,705)	(2,844)	(2,740)	(4,021)	(3,542)	(3,677)	(3,296)	(4,657)	(4,624)	(5,675)	(5,060)	(10,578)	(14,536)
Purchase of property and equipment	(1,103)	(886)	(1,472)	(1,171)	(1,152)	(1,072)	(291)	(3,998)	(1,096)	(626)	(3,475)	(3,532)	(1,528)	(4,002)	(6,284)	(4,632)	(6,513)	(8,729)
Financed purchases of property and equipment	-	(145)	(169)	(113)	(169)	(56)	(169)	(168)	(169)	(252)	(128)	-	-	-	-	(427)	(562)	(549)
Purchases of intangible assets	-	-	-	-	-	(2,333)	-	-	-	-	-	-	-	-	-	-	(2,333)	-
Free Cash Flow	\$691	\$ 6,222	\$ 7,061	\$ 5,631	\$ 4,907	\$ 3,451	\$ 18,485	\$7,906	\$23,219	\$7,968	\$9,794	\$15,298	(\$4,687)	(\$2,202)	\$4,181	\$19,605	\$34,749	\$56,279

"ACQUISITION" DEFINITION

We operated as BlackLine Systems, Inc., which we refer to as the "Predecessor," from 2001 until September 2013. On September 3, 2013, BlackLine, Inc., which we refer to as the "Successor," acquired BlackLine Systems, Inc. in connection with an investment by Silver Lake Sumeru and Iconiq, which we refer to as the "Acquisition." The Successor was created for the sole purpose of acquiring the Predecessor and had no prior operations. We refer to Silver Lake Sumeru and Iconiq collectively as our "Investors" and, in connection with the Acquisition, our Investors obtained a controlling interest in us. The Acquisition resulted in a new basis of accounting and was accounted for as a business combination.

2016 GAAP revenues were adjusted for the impact of purchase accounting resulting from the Runbook Acquisition on August 31, 2016. The purchase accounting adjustments for the quarters ended March 31, 2017, June 30, 2017, September 30, 2017, December 31, 2017, and March 31, 2018 related to the Runbook Acquisition were not meaningful and were thus not presented.

NON-GAAP RECONCILIATIONS NON-GAAP OPERATING INCOME (LOSS) AND NON-GAAP NET INCOME (LOSS) (\$000'S)

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	2017	2018	2019	2020	2021
Non-GAAP Income (Loss) from Operations																		
GAAP Income (Loss) from Operations	(\$9,323)	(\$5,978)	(\$7,861)	(\$4,737)	(\$7,337)	(\$3,326)	(\$2,036)	(\$7,192)	(\$18,705)	(\$9,672)	\$5,951	(\$16,188)	(\$25,364)	(\$30,409)	(\$29,836)	(\$27,899)	(\$19,891)	(\$38,614)
Amortization of intangible assets	3,077	3,079	2,566	1,543	1,543	1,622	1,622	2,892	2,893	2,907	2,630	2,049	4,162	13,310	13,023	10,265	7,679	10,479
Stock-based compensation expense	6,452	8,012	10,141	9,447	9,456	12,616	13,326	14,292	14,794	17,065	16,930	17,081	15,902	16,044	20,895	34,052	49,690	65,870
Change in fair value of contingent consideration	(9)	193	129	(267)	145	(221)	(72)	176	7,702	(782)	(10,346)	668	(1,816)	628	450	46	28	(2,758)
Legal settlement costs (gains)	-	-	(380)	-	-	-	-	-	-	-	-	-	690	-	-	(380)	-	-
Transaction-related costs	-	-	-	-	-	-	1,790	2,946	-	-	-	1,586	7,033	-	-	-	4,736	1,586
Secondary offering costs	-	-	-	-	-	-	-	-	-	-	-	-	-	809	-	-	-	-
Shelf offering costs	212	-	-	-	-	-	-	-	-	-	-	-	-	818	401	212	-	-
Total Non-GAAP Income (Loss) From Operations	\$409	\$5,306	\$4,595	\$5,986	\$3,807	\$10,691	\$14,630	\$13,114	\$6,684	\$9,518	\$15,165	\$5,196	\$607	\$1,200	\$4,933	\$16,296	\$42,242	\$36,563
Non-GAAP Net Income (Loss) attributable to BlackLine																		
Net income (loss) attributable to BlackLine ¹	(\$8,781)	(\$5,362)	(\$9,206)	(\$9,186)	(\$12,843)	(\$8,332)	(\$8,751)	(\$16,985)	(\$38,964)	(\$25,446)	(\$13,741)	(\$37,010)	(\$10,011)	(\$33,408)	(\$28,714)	(\$32,535)	(\$46,911)	(\$115,161)
Provision for (benefit from) income taxes related to acquisitions		(18)	53	55	(16)	(72)	35	(616)	81	146	(636)	(552)	(13,136)	(511)	(540)	90	(669)	(961)
Secondary offering costs				-	-	-	-	-		-	-	-	-	809			-	-
Shelf offering costs	212	-	-	-	-	-	-	-	-	-	-	-	-	818	401	212	-	-
Stock-based compensation expense	6,452	8,012	10,141	9,447	9,456	12,616	13,326	14,292	14,787	17,031	16,877	17,028	15,840	16,044	20,895	34,052	49,690	65,723
Amortization of debt discount and issuance costs			2,923	5,487	5,532	5,584	5,758	5,815	7,651	15,590	16,031	16,266	1,357	-		8,410	22,689	55,538
Amortization of acquired intangible assets	3,077	3,079	2,566	1,543	1,543	1,622	1,622	2,892	2,893	2,907	2,630	2,049	4,162	13,310	13,023	10,265	7,679	10,479
Accretion of debt discount		-			-	-	-	-		-	-	-	-	-			-	-
Accretion of warrant discount		-			-	-	-	-		-	-	-	-	-			-	-
Purchase accounting adjustment to revenue		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Change in fair value of contingent consideration	(9)	193	129	(267)	145	(221)	(72)	176	7,702	(782)	(10,346)	668	(1,816)	628	450	46	28	(2,758)
Change in fair value of common stock warrant liability		-	-	-	-	-	-	-	-	-	-	-	-	3,490	-	-	-	-
Transaction-related costs		-			-	-	1,790	2,946		-	-	1,586	7,033	-			4,736	1,586
Legal settlement costs (gains)	-	-	(380)	-	-	-	-	-	-	-	-	-	690	-	-	(380)	-	-
Adjustment to redeemable non-controlling interest	-	54	839	940	2,201	719	1,319	4,619	5,937	154	4,275	4,711	(3,417)	-	-	1,833	8,858	15,077
Loss on extinguishment of convertible senior notes	-	-	-	-	-	-	-	-	7,012		-	-	-	-	-	-	-	7,012
Total Non-GAAP Net Income (Loss) attributable to BlackLine	\$951	\$5,958	\$7,065	\$8,019	\$6,018	\$11,916	\$15,027	\$13,139	\$7,099	\$9,600	\$15,090	\$4,746	\$702	\$1,180	\$5,515	\$21,993	\$46,100	\$36,535

NON-GAAP RECONCILIATIONS NON-GAAP S&M, NON-GAAP R&D, NON-GAAP G&A (\$000'S)

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	2017	2018	2019	2020	2021
GAAP Sales and Marketing Expense	\$35,848	\$37,192	\$41,848	\$43,949	\$44,785	\$41,826	\$42,588	\$45,382	\$48,429	\$49,182	\$48,799	\$56,210	\$60,027	\$103,967	\$128,808	\$158,837	\$174,581	\$202,620
Amortization of intangible assets	(968)	(968)	(968)	(968)	(969)	(968)	(968)	(1,750)	(1,750)	(1,759)	(1,477)	(897)	(1,347)	(3,872)	(3,887)	(3,872)	(4,655)	(5,883)
Stock-based compensation expense	(2,994)	(3,558)	(4,522)	(4,315)	(4,393)	(5,577)	(5,675)	(5,901)	(5,251)	(5,861)	(5,760)	(5,884)	(5,924)	(10,811)	(8,674)	(15,389)	(21,546)	(22,756)
Transaction-related costs	-	-	-	-	-	-	-	-	-	-	-	-	(620)	-	-	-	-	-
Non-GAAP Sales and Marketing Expense	\$31,886	\$32,666	\$36,358	\$38,666	\$39,423	\$35,281	\$35,945	\$37,731	\$41,428	\$41,562	\$41,562	\$49,429	\$52,136	\$89,284	\$116,247	\$139,576	\$148,380	\$173,981
GAAP Research and Development Expense	\$10,307	\$10,829	\$11,558	\$10,312	\$11,747	\$11,847	\$14,829	\$18,041	\$18,973	\$18,795	\$18,843	\$20,711	\$25,248	\$23,874	\$30,754	\$43,006	\$56,464	\$77,322
Stock-based compensation expense	(944)	(1,235)	(1,452)	(1,098)	(1,229)	(1,735)	(1,954)	(2,480)	(2,611)	(2,865)	(2,788)	(2,846)	(2,897)	(767)	(2,570)	(4,729)	(7,398)	(11,110)
Transaction-related costs	-	-	-	-	-	-	-	-	-	-	-	-	(1,542)	-	-	-	-	-
Non-GAAP Research and Development Expense	\$9,363	\$9,594	\$10,106	\$9,214	\$10,518	\$10,112	\$12,875	\$15,561	\$16,362	\$15,930	\$16,055	\$17,865	\$20,809	\$23,107	\$28,184	\$38,277	\$49,066	\$66,212
GAAP General and Administrative Expense	\$13,679	\$12,677	\$14,088	\$15,613	\$17,338	\$16,182	\$17,794	\$20,297	\$28,269	\$20,245	\$11,372	\$26,621	\$29,652	\$36,786	\$47,188	\$56,057	\$71,611	\$86,507
Amortization of intangible assets	(398)	(399)	(399)	(400)	(399)	(478)	(478)	(477)	(478)	(478)	(478)	(477)	(478)	(2,591)	(2,273)	(1,596)	(1,832)	(1,911)
Stock-based compensation expense	(1,626)	(2,060)	(2,736)	(2,698)	(2,511)	(3,598)	(3,826)	(3,915)	(5,182)	(6,112)	(6,169)	(6,131)	(5,367)	(3,317)	(6,386)	(9,120)	(13,850)	(23,594)
Change in fair value of contingent consideration	9	(193)	(129)	267	(145)	221	72	(176)	(7,702)	782	10,346	(668)	1,816	(628)	(450)	(46)	(28)	2,758
Legal settlement costs (gains)	-	-	380	-	-	-	-	-	-	-	-	-	(690)	-	-	380	-	-
Transaction-related costs	-	-	-	-	-	-	(1,790)	(2,946)	-	-	-	(1,586)	(4,599)	-	-	-	(4,736)	(1,586)
Secondary offering costs	-	-	-	-	-	-	-	-	-	-	-	-	-	(809)	-	-	-	-
Shelf offering costs	(212)	-	-				-	-	-	-	-	-	-	(818)	(401)	(212)	-	-
Non-GAAP General and Administrative Expense	\$11,452	\$10,025	\$11,204	\$12,782	\$14,283	\$12,327	\$11,772	\$12,783	\$14,907	\$14,437	\$15,071	\$17,759	\$20,334	\$28,623	\$37,678	\$45,463	\$51,165	\$62,174

