BLACKLINE INC. (BL)

Tonni Xia Reese Fund 2017





Recommendation: Buy

Price Target: \$45

Current Price: \$36.67

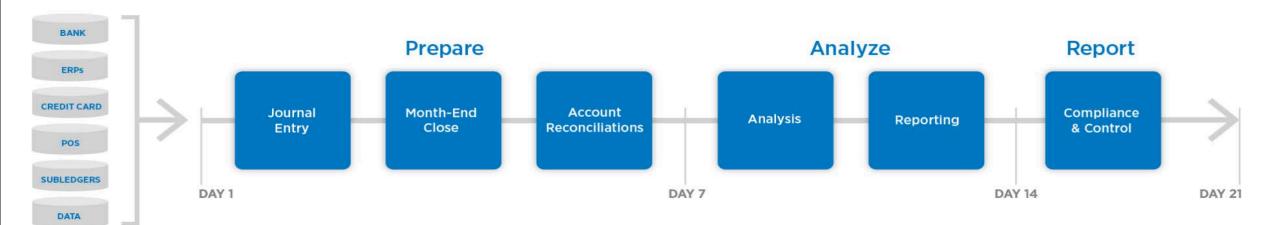
- A leading provider of cloud-based Enhanced Finance Controls and Automation ("EFCA") software
- The software offers solutions for "The Last Mile of Finance", which are currently missing from ERP and CPM platforms
- Price target based on 11.5x 2017E Sales of \$174.5MM and 8.5x 2018E Sales of \$234.3MM



What is "The Last Mile of Finance"?

Or... what's the contribution of EFCA software?

- The traditional record-to-report process



Disadvantages

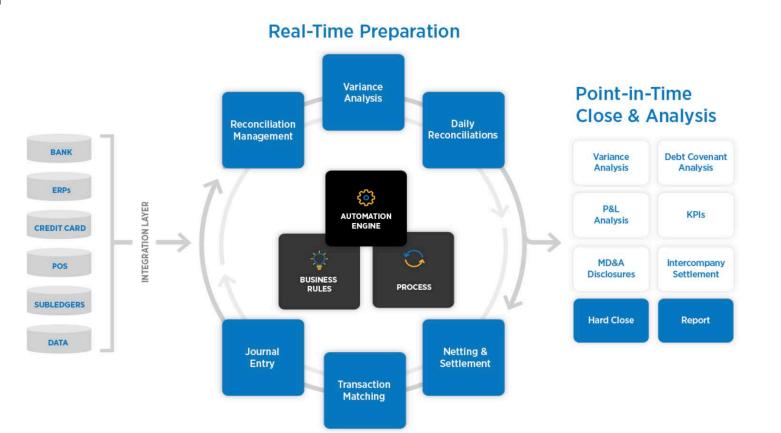
- Isolated systems
- Time consuming at reconciliation and accounting close
- No report in time, and a high rate of errors



What is "The Last Mile of Finance"?

Or... what's the contribution of EFCA software?

The modern process proposed by BL



Advantages:

- All systems are integrated
- Automatic reconciliation day by day
- Report timely & more accurately

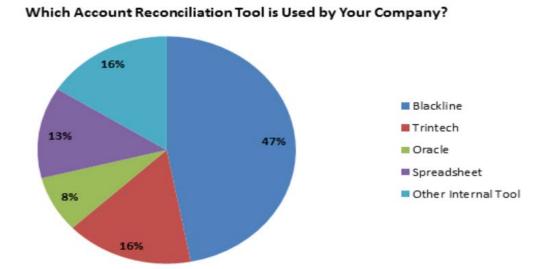


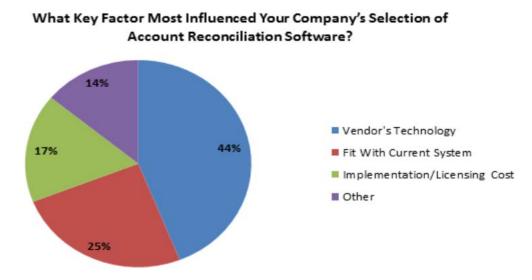
Sources: Peeriosity

What is the Competitive Landscape in this "Last Mile"? Or what is the competitive advantage of BL?

ONLY provider that offers a unified cloud platform

- Easily to implement: No hardware, software, or 3rd party software to install or maintain
- Safety promise: Leading privately owned cloud infrastructure
- Lower total cost of ownership





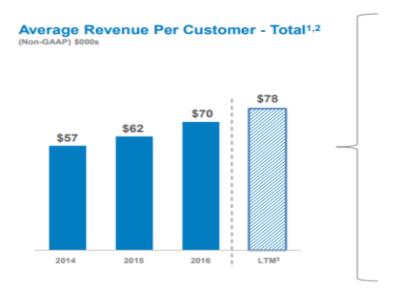


Solid Demand and Strong Pricing Power

- Massive market potential | Target customers: Revenues > 50MM
- Lift price 3-5% per year
- Sell more related products to the same customer



Average Revenue per Enterprise and Mid-Market Customer



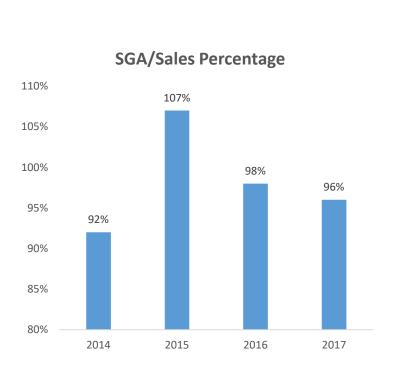


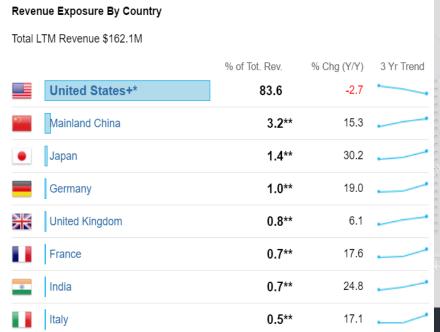
Source: company presentation

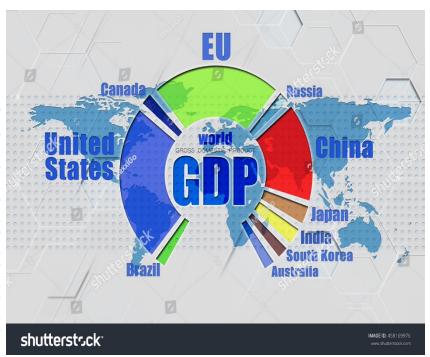


Fast revenue growth in Asia and EU market

- Appoints General Manager to Lead Expansion in Asia Market
- Spend huge percentage of revenue on SG&A









Sticky customers with a 95% renewal rate

- Barrier built from Implementation
 - optimizing procedures, moving data from other platforms to BL, customizing specific requirements, and training the end users
- High dollar-based net revenue retention rate





Valuation

FSAP OUTPUT: VALUATION MODELS						
Analyst Name: Tonni Xia						
Company Name: BlackLine						
						Continuin
	1	2	3	4	5	Valu
Free Cash Flows for All Debt and Equity	2017	2018	2019	2020	2021	202
Net Cash Flow from Operations	-4,195.4	-8,244.9	12,122.0	50,492.3	59,977.9	62,090
Add back: Interest Expense after tax	2,564.5	3,020.2	3,597.4	4,463.6	5,316.7	5,529
Subtract: Interest Income after tax	0.0	0.0	0.0	0.0	0.0	0.
Decrease (Increase) in Cash Required for Operations	-1,172.3	-1,234.4	-1,299.8	-1,368.7	-1,441.2	-1,145
Free Cash Flow from Operations	-2,803.1	-6,459.1	14,419.7	53,587.2	63,853.3	66,474
Net Cash Flow from Investing	-8,615.3	-9,175.5	-9,789.7	-10,463.3	-6,303.0	-15,561.
Add back: Net CFs into Financial Assets	0.0	0.0	0.0	0.0	0.0	0.
Free Cash Flows - All Debt and Equity	-11,418.4	-15,634.6	4,629.9	43,123.9	57,550.3	50,913.
Present Value Factors	0.942	0.888	0.837	0.789	0.743	
Present Value Free Cash Flows	-10,759.9	-13,883.3	3,874.2	34,004.0	42,762.3	
Sum of Present Value Free Cash Flows	55,997.3		-	-	·	
Present Value of Continuing Value	1,784,466.7					
Total Present Value Free Cash Flows to Equity and Deb	1,840,464.0					
Less: Value of Outstanding Debt	0.0					
Less: Value of Preferred Stock	0.0					
Plus: Value of Financial Assets	0.0		.	/c 0	047 44	- >.
Present Value of Equity	1,840,464.0		Price	/Sales20	017: 11	5X
Adjust to midyear discounting	1.0306			•		
Total Present Value of Equity	1,896,782.2					
Shares Outstanding	42,497.0		D.::	/C-1 2	010.0	ГУ
Estimated Value per Share	\$ 44.63		Price	/Sales 2	.018: 8	5X
Current share price	\$ 38.11					
Percent difference	17%					



What are the main risks of BL?

- SAP and Oracle offer similar products and close the functionality gap
 - Partnership with SAP, & Alliance with KPMG
 - Oracle offers similar products in the market
- Price lift strategy
- Data breaches



Management

Therese Tucker,

- Since 2001, Founder CEO of BL

- 1998-2001, Chief Technology Officer for SunGard Treasury Systems, a

provider of software solutions and information technology services

-holds a B.S. in Computer Science and Mathematics from UIUC



FSAP OUTPUT:	VALUATION MODELS	
Analyst Name:	Tonni Xia	
Company Name:	BlackLine	
VALUATION PARAMETE	RASSUMPTIONS	
Current share price	- di	\$ 38.11
Number of shares outsta Current market value	naing	42,497.0 \$ 1,619.561
Current market value		\$ 1,619,561
Long-run growth assump	ation used in forecasts	4.0%
Long-run growth assump		4.0%
	ssumptions should be the same.)	
COST OF EQUITY CAPIT		
Equity risk factor (marke	t beta)	0.52
Risk free rate		3.0%
Market risk premium		6.0%
Required rate of return o	n common equity:	6.12%
COST OF DEBT CAPITAL	1	
Debt capital	-	\$ -
Cost of debt capital, befo	ore tax	3.0%
Effective tax rate		15.0%
After-tax cost of debt car	oital	3.45%
COST OF PREFERRED S	тоск	
Preferred stock capital		\$ -
Preferred dividends		\$ -
Implied yield		0.00%
COST OF NONCONTROL	LING INTERESTS CARITAL	
Noncontrolling interests	LING INTERESTS' CAPITAL	.
Earnings attributable to	-	\$ -
Implied yield	noncondoming interests	0.00%
,		
WEIGHTED AVERAGE C	OST OF CAPITAL	
Weight of equity in capita	al structure	1.0000
Weight of debt in capital	structure	0.0000
Weight of preferred in ca	-	0.00
	interests in capital structure	0.00
Weighted average cost o	f capital	6.12%
II		

LONG-TERM TARGET OPERATING MODEL



% of Non-GAAP Revenue	2014	2015	2016	Q1 2017	Q2 2017	Q3 2017	LT Target Model
Gross Margin ¹	82%	81%	81%	81%	80%	81%	~80%
S&M ²	48%	61%	58%	57%	55%	54%	40% - 45%
R&D ³	17%	21%	16%	15%	14%	12%	10% - 12%
G&A ⁴	17%	20%	17%	17%	15%	16%	7% - 9%
Operating Margin ⁵	0%	-21%	-10%	-8%	-4%	-1%	20%+

¹ GAAP great margins adjusted for the amortization of acquired developed technology resulting from the Acquiretton and stock-based compensation. See Appendix for GAAP financial measures and reconciliations.

Trust is in the Balance To

² GAAP bales and marketing expenses adjusted for the amortization of acquired developed sochology resulting from the Acquisition and social based compensation. See Agreed's for GAAP financial measures and reconciliations.

³ GAAP research and development expenses adjusted for stock-based compensation. Bee Appendix for GAAP financial measures and reconciliations.

⁴ GAAP general and administrative expenses adjusted for the amortization of acquired developed technology resulting from the Acquisition, shock based compensation, acquisition-related costs, secondary offering costs and the change in the fair value of contingent consideration. See Appendix for GAAP ferencial measures and reconditations.

⁵ Non-GAAP operating income (loss) margin is non-GAAP loss from operations as a % of non-GAAP revenue. Non-GAAP loss from operation is adjusted to revenue for the impact of purchase accounting resulting from the Acquisition (2014) and the Burbook Acquisition, the amortization of acquired intengible assets, stock-based compensation expense, acquisition-related costs, secondary offering costs and the change in the fair value of comingent consideration. See Appendix for GAAP financial measures and reconciliations.

Analyst Name:	Tonni Xia
Company Name:	BlackLine

Revenue Forecast Developmen	ıt																
\$000s	FY14	FY15	1Q	2Q	3Q	4Q	FY16	1Q	2Q	3Q	4QE	FY17E	FY18E	FY19E	FY20E	FY21E	5Year CAGR
Subscription Revenue (Non-GAAP)	53,980	80,080	25,328	27,649	31,032	34,231	118,240	37,051	40,244	43,462	45,229	165,986	222,555	273,477	326,704	386,791	27%
y/y growth	51%	48%	47%	49%	49%	46%	48%	46%	46%	40%	32%	40%	34%	23%	19%	18%	
% of total	95%	96%	95%	95%	96%	95%	95%	96%	95%	95%	95%	95%	95%	95%	95%	95%	
Professional Services Revenue	2,648	3,527	1,233	1,377	1,343	1,646	5,599	1,583	2,049	2,409	2,500	8,541	11,713	14,394	17,195	20,357	29%
y/y growth	17%	33%	61%	67%	53%	55%	59%	28%	49%	79%	52%	53%	37%	23%	19%	18%	
% of total	5%	4%	5%	5%	4%	5%	5%	4%	5%	5%	5%	5%	5%	5%	5%	5%	
Total Revenue (Non-GAAP)	56,628	83,607	26,561	29,026	32,375	35,877	123,839	38,634	42,293	45,871	47,729	174,527	234,269	287,871	343,899	407,148	27%
y/y growth	49%	48%	47%	49%	49%	47%	48%	45%	46%	42%	33%	41%	34%	23%	19%	18%	
% of full year			21%	23%	26%	29%		22%	24%	26%	27%						
Drivers																	
Number of Customers(cumulated)	987	1,338	1,411	1,523	1,625	1,758	1,758	1,850	1,978	2,091	2,122	2,122	2,546	3,030	3,545	4,113	19%
y/y growth	34%	36%	32%	33%	33%	31%	31%	31%	30%	29%	21%	21%	20%	19%	17%	16%	
Customers (Net Adds)	249	351	73	112	102	133	420	92	128	113	31	364	424	431	515	567	
Total Rev / Customer (Annualized,	57	62	75	76	80	82	70	84	86	88	90	82	92	95	97	99	
Number of Users(cumulated)	93,665	128,726	137,341	147,466	156,774	166,903	166,903	171,423	178,604	186,461	187,776	187,776	212,187	239,771	270,941	303,454	13%
y/y growth	39%	37%	33%	32%	31%	30%	30%	25%	21%	19%	13%	13%	13%	13%	13%	12%	
Users (Net Adds)	26,278	35,061	8,615	10,125	9,308	10,129	38,177	4,520	7,181	7,857	1,315	20,873	24,411	27,584	31,170	32,513	
Total Rev / User (Annualized, \$)	605	649	774	787	826	860	742	901	947	984	1017	929	1104	1201	1269	1342	
Dollar-based Net Revenue Retention	118%	120%	120%	119%	118%	116%	116%	117%	114%	113%							

Notes:

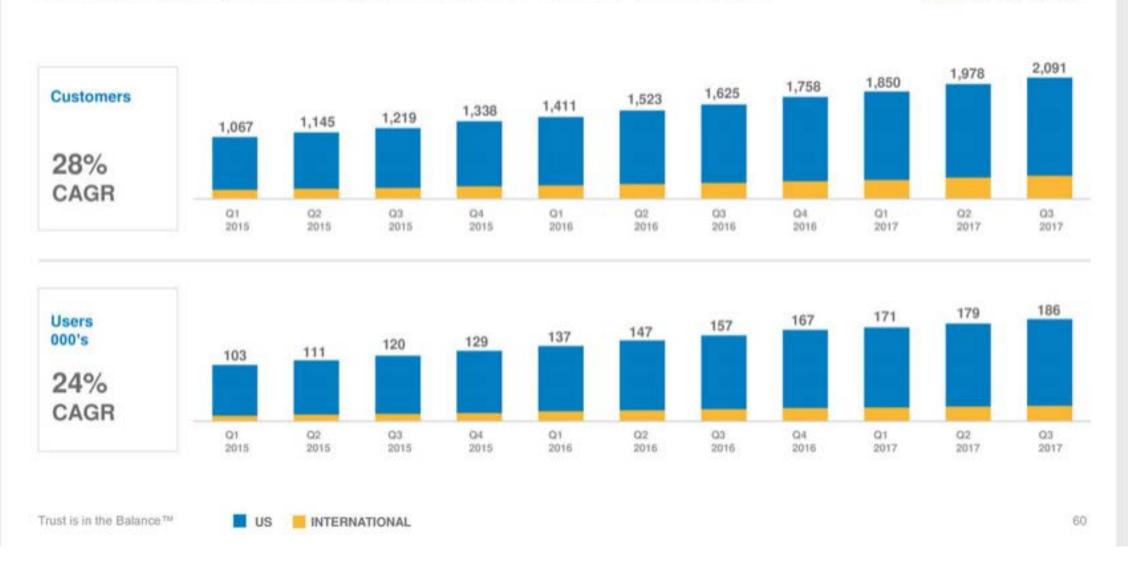
^{1.}Non-GAAP revenues are defined as GAAP revenues adjusted for the impact of purchase accounting resulting from the Runbook Acquisition.

^{2.}BlackLine calculate dollar-based net revenue retention rate as the implied monthly subscription and support revenue at the end of a period for the base set of customers from which we 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.

		2014	2015		2016	CAPEX Forecas 2017		2018	2019		2020	2021
	CAPEX:	2014	2013		2010	2017		2010	2013		2020	202
	PP&E Acquired	\$ 1,429.0	\$ 10,094.0	s	1,724.0							
	PP&E Sold	0.0	0.0	•	31,488.0							
	Net CAPEX		\$ 10,094.0	\$		\$ 5,000.0	\$	5,000.0 \$	5,000.0	\$	5,000.0 \$	100.9
		.,	,	_	,	, ,,,,,,,,,		-,	-,		-,	
Net CAPEX as a percent of:												
	Gross PP&E	#DIV/0!	#DIV/0!		214.7%	30.8%		23.5%	19.0%		16.0%	0.39
	Revenues	2.8%	12.1%		27.0%	2.9%		2.1%	1.7%		1.5%	0.09
Property, Plant and Equipme	ent and Depreciat	ion				Property, Plant	and	Equipment and	Depreciation	Fo	recasts:	
P&E at cost:		2014	2015		2016	2017		2049	2019		2020	202
Beg. balance at cost:		2014	2015		2016	\$ 16,252.0	¢	2018	26,252.0	¢	31,252.0 \$	36,252.0
beg. balance at cost: Add: CAPEX forecasts from a	abova					5,000.0	•	5,000.0	5,000.0	•	5,000.0	100.
End balance at cost:	above.	\$ -	\$ 15,470.0	¢	16,252.0		•	26,252.0 \$	31,252.0	ė	36,252.0 \$	36,352.9
and balance at cost:		\$ -	\$ 15,470.0	Þ	10,252.0	\$ 21,252.0	ð	20,252.0 \$	31,252.0	ð	30,252.0 \$	30,352.8
Accumulated Depreciation:												
Beg. Balance:						\$ (4,934.0)	\$	(10,247.0) \$	(16,810.0)	\$	(24,623.0) \$	(33,686.0
Subtract: Depreciation exper	nse forecasts from	n below:				(5,313.0)	•	(6,563.0)	(7,813.0)	•	(9,063.0)	(9,088.2
End Balance:		\$ -	\$ (3,051.0)	\$	(4,934.0)		s	(16,810.0) \$	(24,623.0)	s	(33,686.0) \$	(42,774.2
and Buildings.		•	(0,00110)	•	(1,00110)	V (10,21110)	•	(10,01010)	(21,02010)	*	(00,000,0)	(12,777112
P&E - net		\$ -	\$ 12,419.0	\$	11,318.0	\$ 11,005.0	\$	9,442.0 \$	6,629.0	\$	2,566.0 \$	(6,421.3
Depreciation Expense Forec	ast Development		P&E at cost:	\$	16,252.0	Depreciation ex \$ 4,063.0	-	se forecast on e 4,063.0 \$	xisting PP&E 4,063.0		4,063.0 \$	4,063.0
Depreciation Expense Forec	ast Development Remaining ba	Existing P				\$ 4,063.0	\$			\$	4,063.0 \$ (4,934.0) \$	
	•	Existing P				\$ 4,063.0 \$ 7,255.0	\$	4,063.0 \$ 3,192.0 \$	4,063.0 (871.0)	\$	*	
	•	Existing Pl lance to be	depreciated.	\$	11,318.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex	\$ \$ pen	4,063.0 \$ 3,192.0 \$ se forecasts on	4,063.0 (871.0) new PP&E:	\$	(4,934.0) \$	(8,997.0
	•	Existing Plance to be	depreciated. npex Year +1	\$	5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex	\$ \$ pen	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0	\$ \$	(4,934.0) \$ 1,250.0 \$	1,250.0
	•	Existing Pi lance to be o Ca Ca	depreciated. npex Year +1 npex Year +2	\$	5,000.0 5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex	\$ \$ pen	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0	\$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$	1,250.0 1,250.0
	•	Existing Plance to be of Ca	depreciated. apex Year +1 apex Year +2 apex Year +3	\$ \$	5,000.0 5,000.0 5,000.0 5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex	\$ \$ pen	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$ \$	1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$	1,250.0 1,250.0 1,250.0
	•	Existing Plance to be of Ca Ca Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4	\$ \$ \$ \$	5,000.0 5,000.0 5,000.0 5,000.0 5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex	\$ \$ pen	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$	1,250.0 1,250.0 1,250.0 1,250.0
PP&E Purchases:	•	Existing Plance to be of Ca Ca Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3	\$ \$ \$ \$	5,000.0 5,000.0 5,000.0 5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0	s s pen s	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$ \$ \$	1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 1,250.0 25.2
PP&E Purchases:	•	Existing Plance to be of Ca Ca Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4	\$ \$ \$ \$	5,000.0 5,000.0 5,000.0 5,000.0 5,000.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0	\$ \$ pen	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2
PP&E Purchases: Total Depreciation Expense	Remaining ba	Existing Pilance to be declared to b	depreciated. pex Year +1 pex Year +2 pex Year +3 pex Year +4 pex Year +5	\$ \$ \$ \$ \$	5,000.0 5,000.0 5,000.0 5,000.0 100.9	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0	s s pen s s	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Total Depreciation Expense Portion Re	Remaining ba	Existing Pilance to be a Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 apex Year +5	\$ \$ \$ \$ \$ (95°	5,000.0 5,000.0 5,000.0 5,000.0 100.9	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	4,063.0 (8,997.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2 8,633.8 454.4
PR&E Purchases: Total Depreciation Expense Portion Re	Remaining ba	Existing Pilance to be a Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 apex Year +5	\$ \$ \$ \$ \$ (95°	5,000.0 5,000.0 5,000.0 5,000.0 100.9	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ see forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Fotal Depreciation Expense Portion Re	Remaining ba	Existing Pilance to be a Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 apex Year +5	\$ \$ \$ \$ \$ (95°	5,000.0 5,000.0 5,000.0 5,000.0 100.9	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
P&E Purchases: Total Depreciation Expense Portion Reportion Repo	Remaining ba	Existing Pilance to be a Ca Ca Ca	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 apex Year +5	\$ \$ \$ \$ \$ (95°	5,000.0 5,000.0 5,000.0 5,000.0 100.9	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Total Depreciation Expense Portion Reportion Rep	Remaining ba	Existing Pilance to be a Ca C	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 be Statement apex Statement apex Year +6	\$ \$ \$ \$ (955)	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Fotal Depreciation Expense Portion Reportion Rep	Remaining ba	Existing Pilance to be a Ca Ca Ca Ca Ca Sy On Income	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 e Statement apex Statement apex Year +5 \$ 15,470.0	\$ \$ \$ \$ \$ (95° t (5°	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016 16,252.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Fotal Depreciation Expense Portion Reportion Rep	Remaining ba	Existing Pilance to be a Ca C	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 e Statement apex Statement apex Year +5 \$ 15,470.0 \$ 7,735.0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016 16,252.0 15,861.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
Portion Reportion Reportion Reports of the PPE at Cost Avg Depreciable PPE Depreciation Expense	Remaining ba	Existing Pilance to be a Ca C	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 e Statement apex Statement 2015 \$ 15,470.0 \$ 7,735.0 \$ 14,739.0	\$ \$ \$ \$ \$ (955) t (55)	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016 16,252.0 15,861.0 17,424.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Fotal Depreciation Expense Portion Reportion Reportion Reportion Methods: PPE at Cost Avg Depreciation Expense mplied Avg. Useful Life in Ye	Remaining bath Remaining bath Remaining bath Remaining bath Reported Separate Proported within CO	Existing Pilance to be a Ca C	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 e Statement apex Statement apex Year +5 \$ 15,470.0 \$ 7,735.0	\$ \$ \$ \$ \$ (955) t (55)	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016 16,252.0 15,861.0 17,424.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2
PP&E Purchases: Fotal Depreciation Expense Portion Reportion Reportion Reportion methods: PPE at Cost Avg Depreciation Expense Depreciation Expense	Remaining bath Remaining bath Remaining bath Remaining bath Reported Separate Proported within CO	Existing Pilance to be a Ca C	depreciated. apex Year +1 apex Year +2 apex Year +3 apex Year +4 apex Year +5 e Statement apex Statement 2015 \$ 15,470.0 \$ 7,735.0 \$ 14,739.0	\$ \$ \$ \$ \$ (955) t (55)	5,000.0 5,000.0 5,000.0 5,000.0 100.9 % of total) 2016 16,252.0 15,861.0 17,424.0	\$ 4,063.0 \$ 7,255.0 Depreciation ex \$ 1,250.0 \$ 5,313.0 \$ 5,047.4	s s pen s s	4,063.0 \$ 3,192.0 \$ se forecasts on 1,250.0 \$ 1,250.0 \$ \$ 6,563.0 \$	4,063.0 (871.0) new PP&E: 1,250.0 1,250.0 1,250.0 7,813.0	\$ \$ \$ \$ \$	(4,934.0) \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 1,250.0 \$ 9,063.0 \$	1,250.0 1,250.0 1,250.0 1,250.0 25.2 9,088.2

STRONG GLOBAL CUSTOMER & USER GROWTH





BLACKLINE **CONSISTENTLY HIGH GROSS MARGIN & HIGH DEGREE** OF OPERATING LEVERAGE 82.0% 80.7% 81.3% 80.7% **Gross Margin** (Non-GAAP) 2014 2015 YTD 2017 2016 16% 2016 2016 2015 2015 2015 2016 Research & Development Expense General & Administrative Expense Sales & Marketing Expense (% of Non-GAAP Revenue) (% of Non-GAAP Revenue) (% of Non-GAAP Revenue) Trust is in the Balance™ 63 See Appendix for GAAP financial measures and reconciliations, and additional detail on the Acquisition. YTD 2017 - For 9 months ending September 30, 2017

	Antural-			Enropacie					
Year	Actuals 2014	2015	2016	Forecasts 2017	2018	2019	2020	2021	2022
INCOME STATEMENT	2014								
Revenues	51,677.0	83,607.0	123,123.0	174,527.0	234,268.8	287,870.5	343,899.2	407,148.3	423,434.2
common size	100.0%	100.0%	100.0%	41.8%	34.2%	22.9%	19.5%	18.4%	
rate of change <cost goods="" of="" sold=""> (excluding depreciation)</cost>	-10,210.0	61.8% -16,124.0	-23,128.0	See Forecast D -34,905.4	-46,853.8	rksheet for deta -57,574.1	-68,779.8	-81,429.7	-84,686.8
common size	-19.8%	-19.3%	-18.8%	-20.0%	-20.0%	-20.0%	-20.0%	-20.0%	-04,000.0
rate of change		57.9%		See Forecast D		rksheet.			
Gross Profit	41,467.0	67,483.0	99,995.0	139,621.6	187,415.0	230,296.4	275,119.4	325,718.6	338,747.4
common size	80.2%	80.7%	81.2%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
rate of change		62.7%	48.2%	39.6%	34.2%	22.9%	19.5%	18.4%	
Sales and Marketing	-27,291.0	-50,640.0	-71,715.0	-95,989.9	-117.134.4	-132,420.4	-144,437.7	-171,002.3	-177.842.4
common size	-52.8%	-60.6%	-58.2%	-55.0%	-50.0%	-46.0%	-42.0%	-42.0%	,042.4
rate of change		85.6%		Explain assump	otions.				
Research and Development	-9,476.0	-17,627.0	-20,316.0	-26,179.1	-32,797.6	-37,423.2	-37,828.9	-44,786.3	-46,577.8
common size	-18.3%	-21.1%	-16.5%	-15.0%	-14.0%	-13.0%	-11.0%	-11.0%	
rate of change	-13,455.0	86.0% -14,739.0		Explain assump		7 422 4	9 000 0	0 622 0	-8,979.2
Depreciation and Amortization common size	-13,433.0	-14,735.0	-17,424.0 -14.2%	-5,047.4	-6,234.9	-7,422.4	-8,609.9	-8,633.8	-0,313.2
rate of change	20.070	9.5%		Amounts from d	lenreciation sch	edule Forecast	Development v	worksheet	
General and Administration	-9,424.0	-19,289.0	-24,474.0	-29,669.6	-35,140.3	-37,423.2	-30,950.9	-36,643.3	-38,109.1
common size	-18.2%	-23.1%	-19.9%	-17.0%	-15.0%	-13.0%	-9.0%	-9.0%	
rate of change		104.7%		as a percent of					
Income from equity investees	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change Non-recurring operating gains <losses></losses>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
rate of change				as a percent of					
Operating Profit	-18,179.0	-34,812.0	-33,934.0	-17,264.2	-3,892.2	15,607.3	53,292.0	64,652.9	67,239.0
common size	-35.2%	-41.6%	-27.6%	-9.9%	-1.7%	5.4%	15.5%	15.9%	15.9%
rate of change		91.5%	-2.5%	-49.1%	-77.5%	-501.0%	241.5%	21.3%	
Interest income	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
rate of change	0.0070	0.0070	0.0075		rned on average				
<interest expense=""></interest>	-3,047.0	-3,215.0	-5,932.0	-2,671.3	-3,146.0	-3,747.3	-4,463.6	-5,316.7	-5,529.4
common size	-5.9%	-3.8%	-4.8%	-3.00%	-3.00%	-3.00%	-3.00%	-3.00%	
rate of change	0.700.0	5.5%		Weighted avera					
inge in fair value of the common stock warranty liability	-3,700.0 -7.2%	-420.0 -0.5%	-5,880.0 -4.8%	0.0%	0.0%	0.0 0.0%	0.0 0.0%	0.0%	0.0
common size rate of change	-1.276	-88.6%	1300.0%	0.0%	0.076	0.0%	0.0%	0.076	
Other income or gains <other expenses="" losses="" or=""></other>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	
rate of change									
Income before Tax	-24,926.0	-38,447.0	-45,746.0	-19,935.6	-7,038.2	11,860.0	48,828.4	59,336.2	61,709.6
common size	-48.2%	-46.0% 54.2%	-37.2% 19.0%	-11.4% -56.4%	-3.0% -64.7%	4.1% -268.5%	14.2% 311.7%	14.6% 21.5%	14.6%
rate of change		34.276	18.076	-30.4%	-04.776	-200.076	311.776	21.076	
Benefit from income taxes	8,174.0	13,713.0	6,587.0	797.4	281.5	-474.4	0.0	0.0	0.0
common size	15.8%	16.4%	5.3%	-4.0%	-4.0%	-4.0%	0.0%	0.0%	
rate of change		67.8%		Effective incom					
Income <loss> from discontinued operations</loss>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	
rate of change Changes in accounting principles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0
rate of change	0.070	0.0.0	0.075	5.5			5.5		
Net Income	-16,752.0	-24,734.0	-39,159.0	-19,138.1	-6,756.7	11,385.6	48,828.4	59,336.2	61,709.6
common size	-32.4%	-29.6%	-31.8%	-11.0%	-2.9%	4.0%	14.2%	14.6%	14.6%
rate of change		47.6%	58.3%	-51.1%	-64.7%	-268.5%	328.9%	21.5%	4.0%
Net income attributable to noncontrolling interests	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size rate of change	0.0%	0.0%	0.0%	0.0% as a percent of	0.0% total revenues	0.0%	0.0%	0.0%	
Net Income attributable to common shareholders	-16,752.0	-24,734.0	-39,159.0	-19,138.1	-6,756.7	11,385.6	48,828.4	59,336.2	61,709.6
common size	-32.4%	-29.6%	-31.8%	-11.0%	-2.9%	4.0%	14.2%	14.6%	14.6%
rate of change		47.6%	58.3%	-51.1%	-64.7%	-268.5%	328.9%	21.5%	4.0%
Other control of the									
Other comprehensive income items	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size rate of change	0.0%	0.0%	0.0%	0.0 Assume randon	0.0 n walk mean ze	0.0	0.0	0.0	
Comprehensive Income	-16,752.0	-24,734.0	-39,159.0	-19,138.1	-6,756.7	11,385.6	48,828.4	59,336.2	61,709.6
common size	-32.4%	-29.6%	-31.8%	-11.0%	-2.9%	4.0%	14.2%	14.6%	14.8%
rate of change		47.6%	58.3%	-51.1%	-64.7%	-268.5%	328.9%	21.5%	4.0%



Actuals		For	ecasts					
2014	2015	2016	2017	2018	2019	2020	2021	2022

BALANCE SHEET

ASSETS:									
Cash and cash equivalents	0.0	15,205.0	22,118.0	23,290.3	24,524.6	25,824.4	27,193.1	28,634.4	29,779.8
common size	#DIV/0!	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%	,
rate of change			45.5%	as a percent of t	total assets				
Short-term investments	0.0	0.0	83,130.0	83,130.0	83,130.0	83,130.0	83,130.0	83,130.0	86,455.2
common size	#DIV/0!	0.0%	19.8%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change									
Accounts and notes receivable - net	0.0	24,235.0	42,294.0	32,929.6	44,201.7	54,315.2	64,886.6	76,820.4	79,893.3
common size	#DIV/0!	8.5%	10.1%	7.9%	10.3%	12.2%	14.2%	16.4%	
rate of change			74.5%	assume BL coul	ld maintain cun	ent holding day	/s of A/I		
Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change				assume BL coul	ld maintain cun	ent holding day	s of invento		
Prepaid expenses and other current assets	0.0	2,801.0	6,614.0	6,614.0	6,614.0	6,614.0	6,614.0	6,614.0	6,878.6
common size	#DIV/0!	1.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change			138.1%						
Deferred sales commissions	0.0	6,246.0	9,667.0	9,889.3	10,116.8	10,349.5	10,587.5	10,831.0	11,264.3
common size	#DIV/0!	2.2%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	
rate of change			54.8%	as a percent of t	total assets				
Current Assets	0.0	48,487.0	163,823.0	155,853.2	168,587.1	180,233.1	192,411.3	206,029.8	214,271.0
common size	#DIV/0!	16.9%	39.0%	37.5%	39.1%	40.5%	42.0%	43.9%	43.9%
rate of change			237.9%	-4.9%	8.2%	6.9%	6.8%	7.1%	4.0%
Capitalized software development costs, net	0.0	2,967.0	4,591.0	4,641.5	4,692.6	4,744.2	4,796.4	4,849.1	5,043.1
common size	#DIV/0!	1.0%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	
rate of change			54.7%						
Equity and cost investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change				as a percent of t					
Property, plant, and equipment - at cost	0.0	15,470.0	16,252.0	21,252.0	26,252.0	31,252.0	36,252.0	36,352.9	37,807.0
common size	#DIV/0!	5.4%	3.9%						
rate of change				PP&E assumpti					
<accumulated depreciation=""></accumulated>	0.0	-3,051.0	-4,934.0	-10,247.0	-16,810.0	-24,623.0	-33,686.0	-42,774.2	-44,485.2
common size	#DIV/0!	-1.1%	-1.2%						
rate of change				See depreciation					
Deferred income taxes - noncurrent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change		0.005.0		as a percent of t		4 400 4	4 400 5	4 470 0	4 500 7
Other assets	0.0	2,895.0	1,449.0	1,453.3	1,457.7	1,462.1	1,466.5	1,470.9	1,529.7
	#DIV/0!	1.0%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	
rate of change		EC 000 0		as a percent of t		70.004.4	70.004.0	07.457.0	00.040.0
Intangible assets	0.0 #DIV/0!	56,828.0 19.8%	54,118.0	59,529.8	65,482.8	72,031.1	79,234.2	87,157.6	90,643.9
	#DIV/U!	19.8%	12.9% -4.8%	10.0%	10.0%	10.0%	10.0%	10.0%	
rate of change Goodwill	0.0	163,154.0	185,138.0	183,286.6	181,453.8	179,639,2	177,842.8	176,064.4	183,107.0
	#DIV/0!	56.9%	44.0%	44.1%	42.1%	40.4%	38.8%	37.5%	103,107.0
	#DIV/0:	20.8%		44.170 assume decreas					
rate of change	0.0	286,750.0	420,437.0	415,769.5	431,115.9	444,738.6	458,317.1	469,150.5	487,916.5
		100.0%							100.0%
common size rate of change	#DIV/U!	100.0%	100.0% 48.6%	100.0% -1.1%	100.0% 3.7%	100.0% 3.2%	100.0% 3.1%	100.0% 2.4%	4.0%
rate of change			TU.U70	-1.170	3.170	3.270	J. 170	4.770	7.070

LIABILITIES:									
Accounts payable	0.0	4,648.0	7,165.0	6,464.0	8,676.6	10,661.9	12,737.0	15,079.6	15,682.7
common size	#DIV/0!	1.6%	1.7%	1.6%	2.0%	2.4%	2.8%	3.2%	
rate of change				ssume BL coul					
Accrued expenses and other current liabilities	0.0	15,012.0	18,931.0	19,782.9	20,673.1	21,603.4	22,575.6	23,591.5	24,535.1
common size	#DIV/0!	5.2%	4.5% 28.1%	4.5%	4.5%	4.5%	4.5%	4.5%	
rate of change Deferred revenue	0.0	52.750.0	80,360.0	95,719.6	114.014.9	135.807.0	161.764.5	192.683.2	200.390.5
common size		18.4%	19.1%	19.1%	19.1%	19.1%	19.1%	19.1%	200,330.3
rate of change	#DIV/U:	10.476	52.3%	10.170	10.170	10.120	10.170	10.170	
Short-term portion of contigent consideration	0.0	2,008.0	2,008.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	#DIV/0!	0.7%	0.5%	0.0	0.0	0.0	0.0	0.0	
rate of change			0.0%	Current maturitie	es of long-term	debt per long-	term debt not		
Deferred tax liabilities - current	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
common size	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
rate of change				s a percent of t					
Current Liabilities	0.0	74,418.0	108,464.0	121,966.4	143,364.6	168,072.3	197,077.0	231,354.2	240,608.4
common size	#DIV/0!	26.0%	25.8% 45.7%	29.3% 12.4%	33.3% 17.5%	37.8%	43.0% 17.3%	49.3% 17.4%	49.3%
rate of change Term Loan, net	0.0	28,267.0	90.776	0.0	0.0	17.2% 0.0	0.0	0.0	0.0
common size		9.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
rate of change	#D1470:	0.070		See long-term d		0.072	0.072	0.072	
Common stock warranty liability	0.0	5,500.0	11,380.0	11,687.3	12,002.8	12,326.9	12,659.7	13,001.5	13,521.6
common size	#DIV/0!	1.9%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	-
rate of change			106.9%	s a percent of t	otal assets				
Contingent consideration	0.0	2,859.0	3,230.0	3,255.8	3,281.9	3,308.1	3,334.6	3,361.3	3,495.7
common size	#DIV/0!	1.0%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	
rate of change				s a percent of t					
Deferred tax liabilities,net	0.0	5,907.0	1,262.0	1,265.8	1,269.6	1,273.4	1,277.2	1,281.0	1,332.3
common size	#DIV/U!	2.1%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	
rate of change Total Liabilities	0.0	120,582.0	129,027.0	142,866.3	164,609.9	189,671.8	219,039.6	253,689.1	263,836.7
I Otal Liabilities	0.0			142,000.3	104,000.0	103,071.0	213,033.0	233,003.1	203,030.7
common size	#DIV/INI	42 194	20.7%	24 494	20.204	42 894	47 994	54 194	54 194
common size	#DIV/0!	42.1%	30.7% 7.0%	34.4% 10.7%	38.2% 15.2%	42.6% 15.2%	47.8% 15.5%	54.1% 15.8%	54.1%
common size rate of change	#DIV/0!	42.1%	30.7% 7.0%	34.4% 10.7%	38.2% 15.2%	42.6% 15.2%	47.8% 15.5%	54.1% 15.8%	54.1%
	#DIV/0!	42.1%							54.1%
rate of change	#DIV/0!	407.0	7.0% 513.0	10.7% 513.5	15.2% 514.0	15.2% 514.5	15.5% 515.1	15.8% 515.6	54.1%
rate of change SHAREHOLDER'S EQUITY Common stock common size	0.0		7.0% 513.0 0.1%	10.7%	15.2%	15.2%	15.5%	15.8%	
rate of change SHAREHOLDER'S EQUITY Common stock	0.0	407.0	7.0% 513.0	10.7% 513.5	15.2% 514.0	15.2% 514.5	15.5% 515.1	15.8% 515.6	
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change	0.0 #DIV/0!	407.0 0.1%	7.0% 513.0 0.1% 26.0%	10.7% 513.5 0.1%	15.2% 514.0 0.1%	15.2% 514.5 0.1%	15.5% 515.1 0.1%	15.8% 515.6 0.1%	536.2
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital	0.0 #DIV/0!	407.0 0.1% 214,171.0	7.0% 513.0 0.1% 26.0% 378,272.0	10.7% 513.5 0.1% 378,272.0	15.2% 514.0 0.1% 378,272.0	15.2% 514.5 0.1% 378,272.0	15.5% 515.1 0.1% 378,272.0	15.8% 515.6 0.1% 378,272.0	
rate of change SHAREHOLDER S' EQUITY Common stock common size rate of change Additional paid in capital common size	0.0 #DIV/0!	407.0 0.1%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971%	10.7% 513.5 0.1%	15.2% 514.0 0.1%	15.2% 514.5 0.1%	15.5% 515.1 0.1%	15.8% 515.6 0.1%	536.2
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital common size rate of change	0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.6%	10.7% 513.5 0.1% 378,272.0 0.0%	15.2% 514.0 0.1% 378,272.0 0.0%	15.2% 514.5 0.1% 378,272.0 0.0%	15.5% 515.1 0.1% 378,272.0 0.0%	15.8% 515.6 0.1% 378,272.0 0.0%	536.2 393,402.9
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital common size rate of change Retained earnings <deficit></deficit>	0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0	7.0% 513.0 0.1% 26.0% 378,272.0 89.971% 76.6% -87,334.0	10.7% 513.5 0.1% 378,272.0	15.2% 514.0 0.1% 378,272.0	15.2% 514.5 0.1% 378,272.0	15.5% 515.1 0.1% 378,272.0	15.8% 515.6 0.1% 378,272.0	536.2
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital common size rate of change	0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.6% -87,334.0 -20.8%	10.7% 513.5 0.1% 378,272.0 0.0%	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6	536.2 393,402.9 -174,040.6
rate of change SHAREHOLDERS' EQUITY Common stock common stze rate of change Additional paid in capital common stze rate of change Retained earnings <deficit> common stze</deficit>	0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.6% -87,334.0 -20.8%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6	536.2 393,402.9 -174,040.6
rate of change SHAREHOLDERS' EQUITY Common stock common stze rate of change Additional paid in capital common stze rate of change Retained earnings decention-needle-common stze rate of change Retained earnings decention-needle-common stze rate of change	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -18.8%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% A	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas	515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see foreces:	536.2 393,402.9 -174,040.6 st box belo
rate of change SHAREHOLDERS' EQUITY Common stock common stoc rate of change Additional paid in capital common stoc rate of change Retained earnings <deficit> common stoc rate of change Accum. other comprehensive income <loss></loss></deficit>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -18.8% 0.0 0.0%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% 4 -41.0 0.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compre	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si 41.0 0.0	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 les; see forecs: -41.0 0.0	536.2 393,402.9 -174,040.6 st box belo
rate of change SHAREHOLDERS' EQUITY Common stock common stoce rate of change Additional paid in capital common size rate of change Retained earnings <edeicit> common size rate of change Accum. other comprehensive income <loss> common size rate of change Accum. other comprehensive income <loss> common size rate of change Accum. other comprehensive income <loss> common size rate of change Treasury stock> and other equity adjustments</loss></loss></loss></edeicit>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0	407.0 0.1% 214,171.0 74.7% -48,156.0 -18.8% 0.0 0.0%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% 41.0 0.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 kdd net income -41.0 0.0 ddd accumulate 0.0	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d 41.0 0.0 d other compn	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si 41.0 0.0 ehensive incom	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 here repurches 41.0 0.0 ne items from ir	515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see foreca: -41.0 0.0 noome stateme 0.0	536.2 393,402.9 -174,040.6 st box belo
rate of change SHAREHOLDERS' EQUITY Common stock common stoce rate of change Additional paid in capital common stoce rate of change Retained earnings <deficit> common stoce rate of change Retained earnings <deficit> common stoce rate of change rate of change Accum. other comprehensive income <loss> common stoce rate of change Accum. other equity adjustments common stoce rate of change</loss></deficit></deficit>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0	407.0 0.1% 214,171.0 74.7% -48,156.0 -18.8% 0.0 0.0%	7.0% 513.0 0.1% 28.0% 378,272.0 89,971% 78.8% -87,334.0 -20.8% 81,4% 41.0 0.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 kdd accumulate 0.0	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compri	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 lividends and si -41.0 0.0 ehensive incom 0.0 0.0	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from ir	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 es; see foreca: -41.0 0.0 noome stateme 0.0	536.2 393,402.9 -174,040.6 st box belo -41.0
rate of change SHAREHOLDERS' EQUITY Common stock common state rate of change Additional paid in capital common state rate of change Retained earnings <deficity <="" <lossy="" accum.="" change="" common="" comprehensive="" income="" of="" other="" rate="" state="" tr=""> *Treasury stock> and other equity adjustments common state rate of change *Treasury stock> and other equity adjustments common state rate of change</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -10.8% 0.0 0.0% -254.0 -0.1%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 76.6% -87,334.0 -20.8% 81.4% -41.0 0.0% -0.0% -100.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 kdd accumulate 0.0 0.0 freasury stock r	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 0.0 epurchases, if	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 inot subtracted	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from ir 0.0 0.0 (from retained	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 41.0 0.0 ncome stateme 0.0 earning	536.2 393,402.9 -174,040.6 st box belo -41.0
rate of change SHAREHOLDERS' EQUITY Common stock common stock common ster rate of change Additional paid in capital common size rate of change Retained earnings < deficity common size rate of change Accum. other comprehensive income <loss- <p="" change="" common="" of="" rate="" size="">Treasury stock> and other equity adjustments common size rate of change Total Common Shareholders' Equity</loss->	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.6% -87,334.0 -20.8% 81.4% 41.0 0.0% 0.0 0.0% -100.0% T	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 kdd net income 41.0 0.0 kdd accumulate 0.0 0.0 (reasury stock in 268,647.7	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d 41.0 0.0 d other comprises 0.0 epurchases, if 262,111.9	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 0.0 finot subtracted 250,549.7	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 0.0 te items from ir 0.0 from retained i 234,637.6	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see foreca: -41.0 0.0 noome stateme 0.0 0.0 earning 210,723.4	536.2 393,402.9 -174,040.6 st box belo -41.0
rate of change SHAREHOLDERS' EQUITY Common stock common state rate of change Additional paid in capital common state rate of change Retained earnings <deficity <="" <lossy="" accum.="" change="" common="" comprehensive="" income="" of="" other="" rate="" state="" tr=""> *Treasury stock> and other equity adjustments common state rate of change *Treasury stock> and other equity adjustments common state rate of change</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -10.8% 0.0 0.0% -254.0 -0.1%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 76.6% -87,334.0 -20.8% 81.4% -41.0 0.0% -0.0% -100.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 kdd accumulate 0.0 0.0 freasury stock r	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 0.0 epurchases, if	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 inot subtracted	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from ir 0.0 0.0 (from retained	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 41.0 0.0 ncome stateme 0.0 earning	536.2 393,402.9 -174,040.6 st box belo -41.0
rate of change SHAREHOLDERS' EQUITY Common stock common stock common size rate of change Additional paid in capital common size rate of change Retained earnings <deficity <loss="" accum.="" change="" common="" comprehensive="" income="" of="" other="" rate="" size=""> common size rate of change Treasury stock> and other equity adjustments common size rate of change Total Common Shareholders' Equity common size rate of change Noncontrolling interests</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.6% -87,334.0 -20.8% 81.4% 41.0 0.0% 0.0 0.0% -100.0% T 290,897.0	10.7% 513.5 0.1% 513.5 0.1% 378,272.0 0.0% -109,583.3 kdd net income -41.0 0.0 0.0 dd socumulate 0.0 0.0 freasury stock r 268,647.7 64.5% 7.5% 3,741.9	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other comprious 0.0 epurchases, if 262,111.9 60.8% 3,880.0	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incorr 0.0 0.0 inot subtracted 250,549.7 55.3% -4.4% 4,002.6	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas 41.0 0.0 0.0 from retained (234,637.6) 512% 6.4% 4,124.9	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see forecas -41.0 0.0 noome stateme 0.0 0.0 earning 210,723.4 44.9% 4,222.4	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0
rate of change SHAREHOLDER S' EQUITY Common stock common stock common stock rate of change Additional paid in capital common size rate of change Retained earnings <deficity <loss="" accum.="" change="" common="" comprehensive="" income="" of="" other="" rate="" size=""> common size rate of change **Treasury stock** and other equity adjustments common size rate of change Total Common Shareholders' Equity common size rate of change Noncontrolling interests common size rate of change</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% 41.0 0.0% -100.0% -100.0% 75.5% 75.5% 0.0 0.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 0.0 freasury stock r 268,647.7 64.6% -7.6% 3,741.9 0.9%	15.2% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 epurchases, if 262,111.9 50.3% -2.4% 3,880.0 0.9%	15.2% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 0.0 (not subtracted 250,549.7 56.3% -4.4%	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from ir 0.0 0.0 from retained (234,637.6) 512% -6.4%	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see foreca: -41.0 0.0 noome stateme 0.0 earning 210,723.4 44.9% -10.2%	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1%
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital common size rate of change Retained earnings <deficit> common size rate of change Retained earnings <deficit> common size rate of change Accum. other comprehensive income <loss> common size rate of change <treasury stock=""> and other equity adjustments common size rate of change Total Common Shareholders' Equity common size rate of change Noncontrolling interests common size rate of change Noncontrolling interests common size rate of change</treasury></loss></deficit></deficit>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 76.6% -87,334.0 -20.8% 81.4% -41.0 0.0% -100.0% 1290,897.0 69.2% 55.5% 0.0	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 kdd accumulate 0.0 0.0 (reasury stock r 268,647.7 64.6% 3,741.9 0.9%	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 epurchases, if 262,111.9 50.8% 2.4% 3,880.0 0.9% otal assets	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 0.0 fnot subtracted 250,549.7 56.3% -4.4% 4,002.6 0.9%	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 telems from ir 0.0 from retained (234,637.6) 512% 54% 4,124.9 0.9%	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 41.0 0.0 0.00 0.00 0.00 0.00 0.00 0.00	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1% 4,222.4
rate of change SHAREHOLDERS' EQUITY Common stock common stock common state rate of change Additional paid in capital common state rate of change Retained earnings <deficity **treasury="" <lossy="" accum.="" adjustments="" and="" change="" common="" comprehensive="" equity="" equity<="" income="" interests="" noncontrolling="" of="" other="" rate="" shareholders'="" state="" stock**="" td="" total=""><td>0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!</td><td>407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0</td><td>7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% -41.0 0.0% -100.0% 1290,897.0 0.0% 55.5% 0.0 0.0%</td><td>10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 kidd net income -41.0 0.0 kidd accumulate 0.0 0.0 (reasury stock r 268,647.7 64.5% 3,741.9 0.9% is a percent of f 272,389.7</td><td>514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other comprious of the comprise of</td><td>514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 (not subtracted 250,549.7 56.3% -4.4% 4,002.6 0.9%</td><td>15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from in 0.0 from retained i 234,637.6 51.2% -6.4% 4,124.9 0.9%</td><td>15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ess; see forecas: -41.0 0.0 ncome stateme 0.0 earning 210,723.4 44.9% 4,222.4 0.9%</td><td>536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1%</td></deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -87,334.0 -20.8% 81.4% -41.0 0.0% -100.0% 1290,897.0 0.0% 55.5% 0.0 0.0%	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 kidd net income -41.0 0.0 kidd accumulate 0.0 0.0 (reasury stock r 268,647.7 64.5% 3,741.9 0.9% is a percent of f 272,389.7	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other comprious of the comprise of	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 (not subtracted 250,549.7 56.3% -4.4% 4,002.6 0.9%	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 ne items from in 0.0 from retained i 234,637.6 51.2% -6.4% 4,124.9 0.9%	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ess; see forecas: -41.0 0.0 ncome stateme 0.0 earning 210,723.4 44.9% 4,222.4 0.9%	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1%
rate of change SHAREHOLDERS' EQUITY Common stock common size rate of change Additional paid in capital common size rate of change Retained earnings <deficit> common size rate of change Retained earnings <deficit> common size rate of change Accum. other comprehensive income <loss> common size rate of change <treasury stock=""> and other equity adjustments common size rate of change Total Common Shareholders' Equity common size rate of change Noncontrolling interests common size rate of change Noncontrolling interests common size rate of change</treasury></loss></deficit></deficit>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 76.6% -87,334.0 -20.8% 81.4% -41.0 0.0% -100.0% 1290,897.0 69.2% 55.5% 0.0	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 kdd accumulate 0.0 0.0 (reasury stock r 268,647.7 64.6% 3,741.9 0.9%	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 epurchases, if 262,111.9 50.8% 2.4% 3,880.0 0.9% otal assets	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 0.0 fnot subtracted 250,549.7 56.3% -4.4% 4,002.6 0.9%	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 telems from ir 0.0 from retained (234,637.6) 512% 54% 4,124.9 0.9%	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 41.0 0.0 0.00 0.00 0.00 0.00 0.00 0.00	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1% 4,222.4
rate of change SHAREHOLDERS' EQUITY Common stock common stock common stock rate of change Additional paid in capital common stock rate of change Retained earnings <deficity <deficity="" <lossy="" accum.="" change="" common="" comprehensive="" earnings="" income="" of="" other="" rate="" retained="" stock="" treasury=""> and other equity adjustments common stock rate of change Total Common Shareholders' Equity common stock rate of change Noncontrolling interests common stock rate of change Total Equity common stock rate of change Total Liabilities and Equities</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -16.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% 81.4% 41.0 0.0% -100.0% 1290,897.0 0.0% 5290,897.0	10.7% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 Add accumulate 0.0 0.0 freesury stock r 268,647.7 7.5% 3,741.9 0.9% is a percent of t 272,389.7	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compo 0.0 epurchases, if 262,111.9 3,880.0 3,880.0 5,992.0 61.7%	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 inot subtracted 250,549.7 53.3% -4.4% 4,002.6 0.9%	515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas -41.0 0.0 re items from ir 0.0 from retained 234,637.6 5.4% 4,124.9 0.9%	515.6 0.1% 378,272.0 0.0% -167,507.6 41.0 0.0 noome stateme 0.0 earning 210,723.4 4.9% -10.2% 4,222.4 0.9%	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1% 4,222.4 223,543.6
rate of change SHAREHOLDERS' EQUITY Common stock common state rate of change Additional paid in capital common state rate of change Retained earnings <deficity <deficity="" <lossy="" <treasury="" accum.="" change="" common="" comprehensive="" earnings="" income="" of="" other="" rate="" retained="" state="" stock=""> and other equity adjustments common state rate of change Total Common Shareholders' Equity common state rate of change Noncontrolling interests common state rate of change Total Equity common state rate of change</deficity>	0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!	407.0 0.1% 214,171.0 74.7% -48,156.0 -10.8% 0.0 0.0% -254.0 -0.1% 165,761.0 57.8% 0.0 0.0%	7.0% 513.0 0.1% 28.0% 378,272.0 89.971% 78.8% -20.8% 81.4% 41.0 0.0% -100.0% 1290,897.0 65.2% 0.0 65.2% 75.5%	513.5 0.1% 513.5 0.1% 378,272.0 0.0% -109,583.3 Add net income -41.0 0.0 0.0 kid accumulate 0.0 0.0 (reasury stock r 268,647.7 64.6% 3,741.9 0.9% 55.5% 65.5%	514.0 0.1% 514.0 0.1% 378,272.0 0.0% -116,119.1 and subtract d -41.0 0.0 d other compn 0.0 epurchases, if 262,111.9 60.3% -2.4% 3,880.0 0.9% otal asset 265,992.0 61.7% -2.3%	514.5 0.1% 514.5 0.1% 378,272.0 0.0% -127,681.3 fividends and si -41.0 0.0 ehensive incom 0.0 0.0 (not subtracted 250,549.7 53.3% -4.4% 4,002.6 0.9%	15.5% 515.1 0.1% 378,272.0 0.0% -143,593.4 hare repurchas 41.0 0.0 ne items from ir 0.0 from retained (234,637.6 512% 4,124.9 0.9%	15.8% 515.6 0.1% 378,272.0 0.0% -167,507.6 ses; see forecs: -41.0 0.0 noome stateme 0.0 earning 210,723.4 44.9% -10.2% 4,222.4 0.9%	536.2 393,402.9 -174,040.6 st box belo -41.0 0.0 219,321.3 4.1% 4,222.4

FSAP OUTPUT:	FINANCIAL STATEMENT FORECASTS
Analyst Name:	Tonni Xia
Company Name:	BlackLine

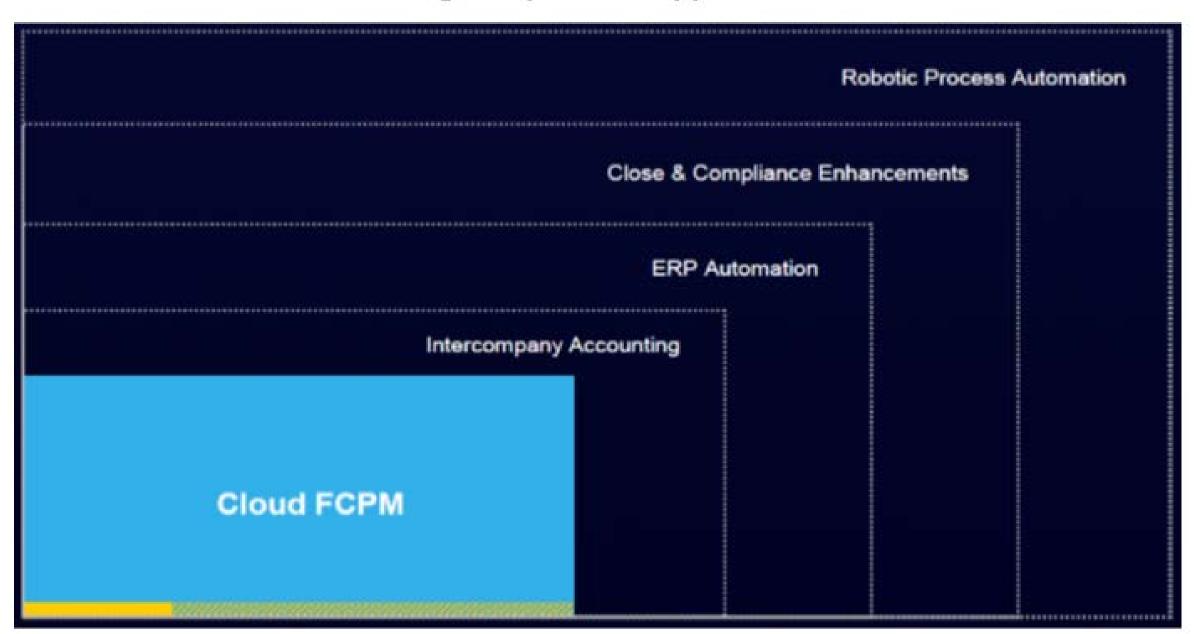
	Actuals		Forecasts					
IMPLIED STATEMENT OF CASH FLOWS	2015	2016	2017	2018	2019	2020	2021	2022
Net Income	24 724 0	20.450.0	40 420 4	6.756.7	44 20E C	40 020 4	E0 226 2	61,709.6
Net Income	-24,734.0	-39,159.0	-19,138.1	-6,756.7	11,385.6	48,828.4	59,336.2	
Add back depreciation expense (net)	3,051.0	1,883.0	5,313.0	6,563.0	7,813.0	9,063.0	9,088.2	1,711.0
Add back amortization expense (net)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<increase> Decrease in receivables - net</increase>	-24,235.0	-18,059.0	9,364.4	-11,272.0	-10,113.5	-10,571.5	-11,933.8	-3,072.8
<increase> Decrease in inventories</increase>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<increase> Decrease in prepaid expenses</increase>	-2,801.0	-3,813.0	0.0	0.0	0.0	0.0	0.0	-264.6
<increase> Decrease in other current assets (1)</increase>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<increase> Decrease in other current assets (2)</increase>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase <decrease> in accounts payable - trade</decrease>	4,648.0	2,517.0	-701.0	2,212.7	1,985.2	2,075.1	2,342.6	603.2
Increase <decrease> in current accrued liabilities</decrease>	15,012.0	3,919.0	851.9	890.2	930.3	972.2	1,015.9	943.7
Increase <decrease> in insurance reserves</decrease>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase <decrease> in stored value card liabilities</decrease>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase <decrease> in other current liabilities (2)</decrease>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net change in deferred tax assets and liabilities	-3,387.0	-3,050.0	-196.5	-201.4	-206.4	-211.6	-216.8	-298.8
Increase <decrease> in long-term accrued liabilities</decrease>	5,500.0	5,880.0	307.3	315.6	324.1	332.8	341.8	520.1
Increase <decrease> in other noncurrent liabilities (1)</decrease>	5,907.0	-4,645.0	3.8	3.8	3.8	3.8	3.8	51.2
Increase < Decrease > in other noncurrent liabilities (2)	3,631.0	1,060.0	0.0	0.0	0.0	0.0	0.0	187.6
Net Cash Flows from Operations	-17,408.0	-53,467.0	-4,195.4	-8,244.9	12,122.0	50,492.3	59,977.9	62,090.2
<increase> Decrease in property, plant, & equip. at cost</increase>	-15,470.0	-782.0	-5,000.0	-5,000.0	-5,000.0	-5,000.0	-100.9	-1,454.1
<increase> Decrease in short-term investments</increase>	0.0	-83,130.0	0.0	0.0	0.0	0.0	0.0	-3,325.2
<increase> Decrease in long-term investments</increase>	-2,967.0	-1,624.0	-50.5	-51.1	-51.6	-52.2	-52.8	-194.0
<increase> Decrease in amortizable intangible assets (net)</increase>	-56,828.0	2,710.0	-5,411.8	-5,953.0	-6,548.3	-7,203.1	-7,923.4	-3,486.3
<increase> Decrease in goodwill and nonamort. intangibles</increase>	-163,154.0	-21,984.0	1,851.4	1,832.9	1,814.5	1,796.4	1,778.4	-7,042.6
<increase> Decrease in other assets</increase>	-2,895.0	1,446.0	-4.3	-4.4	-4.4	-4.4	-4.4	-58.8
<increase> Decrease in other noncurrent assets (2)</increase>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Cash Flows from Investing Activities	-241,314.0	-103,364.0	-8,615.3	-9,175.5	-9,789.7	-10,463.3	-6,303.0	-15,561.0
Increase <decrease> in short-term debt</decrease>	54,758.0	27,610.0	13,351.6	18,295.3	21,792.2	25,957.4	30,918.8	7,707.3
Increase <decrease> in long-term debt</decrease>	28,267.0	-28,267.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase <decrease> in preferred stock</decrease>	407.0	106.0	0.5	0.5	0.5	0.5	0.5	20.6
Increase <decrease> in common stock + paid in capital</decrease>	214,171.0	164,101.0	0.0	0.0	0.0	0.0	0.0	15,130.9
Increase <decrease> in accum. OCI</decrease>	0.0	-41.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase < Decrease > in treasury stock and other equity adjs	-254.0	254.0	0.0	0.0	0.0	0.0	0.0	0.0
Dividends and share repurchases	-23,422.0	-19.0	-3,111.1	220.8	-22,947.8	-64,740.5	-83,250.4	-68,242.7
Increase <decrease> in noncontrolling interests</decrease>	0.0	0.0	3,741.9	138.1	122.6	122.2	97.5	0.0
Net Cash Flows from Financing Activities	273,927.0	163,744.0	13,982.9	18,654.8	-1,032.5	-38,660.4	-52,233.6	-45,383.8
Net Change in Cash	15,205.0	6,913.0	1,172.3	1,234.4	1,299.8	1,368.7	1,441.2	1,145.4
Check Figure:			,	,	, , , , ,	,	,	,
Net change in cash - Change in cash balance	0	0	0	0	0	0	0	0

Net Income Growth Rates: Total Asset Growth Rates		47.6%	58.3% 46.6%	-51.1% -1.1%	-64.7% 3.7%	-268.5% 3.2%	328.9% 3.1%	21.5% 2.4%	4.0% 4.0%
RETURN ON ASSETS (based on reported amounts):									
Profit Margin for ROA	-28.6%	-27.1%	-28.7%	-9.5%	-1.6%	5.2%	15.5%	15.9%	15.9%
x Asset Turnover		0.6	0.3	0.4	0.6	0.7	0.8	0.9	0.9
= Return on Assets		-15.8%	-10.0%	-4.0%	-0.9%	3.4%	11.8%	13.9%	14.1%
RETURN ON ASSETS (excluding the effects of nonrecu	rring items):								
Profit Margin for ROA	-28.6%	-27.1%	-28.7%	-9.5%	-1.6%	5.2%	15.5%	15.9%	15.9%
x Asset Turnover		0.6	0.3	0.4	0.6	0.7	0.8	0.9	0.9
= Return on Assets		-15.8%	-10.0%	-4.0%	-0.9%	3.4%	11.8%	13.9%	14.1%
RETURN ON COMMON EQUITY (based on reported amo	ounts):								
Profit Margin for ROCE	-32.4%	-29.6%	-31.8%	-11.0%	-2.9%	4.0%	14.2%	14.6%	14.6%
x Asset Turnover		0.6	0.3	0.4	0.6	0.7	0.8	0.9	0.9
x Capital Structure Leverage		1.7	1.5	1.5	1.6	1.7	1.9	2.1	2.2
= Return on Common Equity		-29.8%	-17.1%	-6.8%	-2.5%	4.4%	20.1%	26.6%	28.7%
RETURN ON COMMON EQUITY (excluding the effects of	f nonrecurri	na items):							
Profit Margin for ROCE	-32.4%	-29.6%	-31.8%	-11.0%	-2.9%	4.0%	14.2%	14.6%	14.6%
x Asset Turnover		0.6	0.3	0.4	0.6	0.7	0.8	0.9	0.9
x Capital Structure Leverage		1.7	1.5	1.5	1.6	1.7	1.9	2.1	2.2
= Return on Common Equity		-29.8%	-17.1%	-6.8%	-2.5%	4.4%	20.1%	26.6%	28.7%
OPERATING PERFORMANCE:									
Gross Profit / Revenues	80.2%	80.7%	81.2%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
Operating Profit Before Taxes / Revenues	-35.2%	-41.6%	-27.6%	-9.9%	-1.7%	5.4%	15.5%	15.9%	15.9%
ASSET TURNOVER:									
Revenues / Avg. Accounts Receivable		6.9	3.7	4.6	6.1	5.8	5.8	5.7	5.4
COGS / Average Inventory				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Revenues / Average Fixed Assets		13.5	10.4	9.3	9.9	10.0	10.2	11.2	11.4

	Lor	g-Run Growth	Assumptions						
	44.63	0.0%	1.0%	2.0%	2.5%	3.0%	3.5%	4.0%	5.0%
Discount	5.50%	23.15	26.57	31.94	35.97	41.62	50.08	64.19	177.07
Rates:	5.60%	22.66	25.91	30.96	34.71	39.90	47.56	60.01	147.16
	5.70%	22.19	25.28	30.03	33.52	38.31	45.27	56.32	125.80
	5.80%	21.74	24.67	29.15	32.41	36.83	43.18	53.04	109.78
	5.90%	21.30	24.10	28.32	31.36	35.46	41.26	50.11	97.32
	6.00%	20.88	23.54	27.53	30.38	34.18	39.49	47.47	87.36
	6.12%	20.39	22.90	26.63	29.27	32.75	37.56	44.63	77.75
	6.20%	20.08	22.49	26.06	28.57	31.85	36.36	42.91	72.41
	6.30%	19.70	22.00	25.38	27.73	30.80	34.96	40.93	66.66
	6.40%	19.33	21.53	24.73	26.94	29.80	33.66	39.12	61.73
	6.50%	18.97	21.07	24.10	26.19	28.87	32.44	37.45	57.46
	6.60%	18.62	20.63	23.51	25.47	27.98	31.31	35.91	53.73
	6.70%	18.29	20.21	22.94	24.79	27.15	30.24	34.48	50.43
	6.80%	17.96	19.80	22.39	24.14	26.36	29.24	33.15	47.50

Investor Name	% O/S
Silver Lake Partners	28.75
ICONIQ Capital, LLC	15.45
Tucker (Therese)	12.02
Spanicciati (Mario)	8.37
D. F. Dent & Company, Inc.	4.30
Dragoneer Investment Group, LLC	2.69
The Vanguard Group, Inc.	2.37
Columbia Wanger Asset Management, LLC	2.05
BlackRock Institutional Trust Company, N.A.	1.69
AllianceBernstein L.P.	1.63
Total	79.32
Source: Thomson Financial	

Strategic Expansion Opportunities



Source: company presentation

Ad Hoc	Data Sources	Date Updated	Status Bar	Automatic	Manual	Suggested	Unmatched
~	ABC Inc. Credit Card Report	4/13/2015 6:29:15 PM		133	0	1	1
~	ABC Inc. POS Report	4/13/2015 6:29:30 PM		133	0	1	85
~	Bank Statement 1011 - US	10/9/2015 11:59:08 AM	•	165	9	0	36
	BankCreditCard	4/13/2015 6:30:05 PM		47	0	0	26
	BL_AP_Detail	4/13/2015 6:30:21 PM		1523	0	5	8
	BL_Bank_Deposits	4/13/2015 6:30:31 PM		11	0	2	1
	BL_GL Detail	4/13/2015 6:30:41 PM		2519	0	5	0
	BL_Non_Trade_AR	4/14/2015 8:13:50 AM		914	0	4	2077
	BL_Open_Invoices	4/13/2015 6:30:56 PM	•	18	70	0	12
	BL_Payments	4/13/2015 6:31:01 PM	•	18	0	0	2
	BL_POS	4/13/2015 6:31:08 PM		11	0	2	4
S- 6	BL_TC_Customer	4/13/2015 6:31:14 PM		18	0	0	4



Income statement in USD

View more

Year on year Blackline Inc had net income fall 47.65% from a loss of 16.75m to a larger loss of 24.73m despite a 61.79% increase in revenues from 51.68m to 83.61m. An increase in the selling, general and administrative costs as a percentage of sales from 72.76% to 85.54% was a component in the falling net income despite rising revenues.

Revenue



Gross margin	75.15%
Net profit margin	-27.35%
Operating margin	-31.35%

Net Income



Return on assets	-9.93%
Return on equity	-18.94%
Return on investment	-13.51%

CUSTOMER SERVICE GROUPS & METRICS



Team	Key Metrics	Success Metrics
Solutions Consultants	67% in North America, 33% International 800 demos per quarter	Win rate ARR \$
Professional Services	81% in North America, 19% International 275 projects per quarter	NPS % Utilization Project success
Training	100+ eLearning classes 3 certification tracks	NPS Classes available / taken
Support	81% in North America, 19% International ~400 cases per month	NPS Time to resolution
Customer Success Management	85% in North America, 15% International 70 customer success reviews per quarter	NPS Churn / Attrition Adoption

Trust is in the Balance™

BLACKLINE **EVOLVING THE CUSTOMER EXPERIENCE** PAST PRESENT Embark Product Use Case Implement Assisting Guiding Enable Reactive Proactive Technology Enabled Support Generalist Specialist Extend Data Driven Engagement Initiating Responding Trust is in the Balance™ 36

GLOBAL SALES DEPLOYMENT



AMERICAS

- Los Angeles
- Atlanta
- New York
- Vancouver

EMEA

- London
- Paris
- Frankfurt
- Netherlands
- South Africa

APAC

- Sydney
- Melbourne
- Singapore
- Kuala Lumpur

>US\$500M

Enterprise Market
DIRECT – FIELD SALES

US\$50M - \$500M

Mid-Market
DIRECT - INSIDE SALES



Solutions Consultants / Value Engineering



Customer Success Management



BlackLine Ecosystem (BPO, Consulting, ERP, Channel)



- Solid demand and strong pricing power
- Fast revenue growth in Asia and EU market
 - Special business model and aggressive sales strategy
- Sticky customers with a 95% renewal rate
 - Barrier built from implementation