Friday, January 26, 2024

NetScout Systems (NTCT)

Timing of Orders Drives Q3 '24 Results Ahead of Expectations

NetScout Systems (NTCT) reported fiscal Q3 '24 results well above our estimates and consensus as calendar year-end budget flushes positively impacted the timing of orders. Per management, there was some uncertainty heading into the quarter with respect to whether customers would spend against their 2023 budgets or defer activity until the new year, hence the conservative expectations put forth. Ultimately, the usual seasonal strength in spending materialized to a degree. As anticipated, sales of service assurance solutions remained muted as large service providers continued to pare back capital expenditures. However, enterprise spending on cybersecurity solutions was robust, which in turn drove product and overall gross margins to what we believe are record levels for NetScout. Operating expenses also compared favorably with our estimates, resulting in further upside to both our adjusted EBITDA and non-GAAP EPS estimates.

With only one quarter remaining, management narrowed its FY '24 revenue guidance to the low end of its prior range and guided non-GAAP EPS towards the higher end. We note that both our estimates and consensus already reflected revenue at the low end of guidance and non-GAAP EPS at the midpoint, so the revised outlook compares favorably with Street expectations heading into the print. Moreover, the pull-forward of orders into Q3 suggests a more normal seasonal cadence than implied in the original outlook, thereby increasing our confidence in management's ability to achieve its stated targets.

Our revised estimates for FY '24 reflect the upside in Q3 largely offset by a corresponding reduction in our Q4 expectations given the timing of orders received. For FY '25, our projections also move nominally higher, and we introduce our FY '26 projections, which reflect a modest reacceleration in top line growth and renewed earnings growth. Our price target remains \$38.00 based on an unchanged FY '25 EV/EBITDA multiple of approximately 12x. Although near-term visibility remains a bit cloudy due to ongoing budget scrutiny by service providers, the acceleration in cybersecurity sales coupled with secular tailwinds from the expansion of 5G services leave us positive on NetScout's longer term prospects. We continue to believe shares are attractively valued at current levels.

Price Target \$ 38.00

Price	22.99							
Shares outstar	nding	71.6						
Market cap	1,647.0							
Cash and invest		330.1						
Debt		100.0						
Enterprise valu	1	,416.8						
Fiscal Year En	d		March					
Estimates	2023A	2024E	2025E					
Estimates Sales	2023A 914.5	2024E 842.0	2025E 848.5					
Sales	914.5	842.0	848.5					
Sales Adj. EBITDA	914.5 227.8	842.0 214.3	848.5 210.5					
Sales Adj. EBITDA	914.5 227.8	842.0 214.3	848.5 210.5					
Sales Adj. EBITDA NG EPS	914.5 227.8 2.18	842.0 214.3 2.17	848.5 210.5 2.09					
Sales Adj. EBITDA NG EPS Valuation	914.5 227.8 2.18 2023A	842.0 214.3 2.17 2024E	848.5 210.5 2.09 2025E					

In \$MMs expect per share data

Analyst Certification and Additional Disclosures Appear on Page 5.

K. Liu & Company LLC conducts or pursues business with companies covered in its research reports. Investors should therefore be aware potential conflicts of interest may exist. Our reports do not constitute investment advice as we have not considered any individual client's financial situation, risk tolerance and other factors relevant to recommending a particular security or other action. Before making any investment decision, you should consult an investment advisor and other appropriate professionals.

	C	3 '24 Estimate	s	C	4 '24 Estimate	s	FY '24 Estimates				
	Actual	Actual K. Liu & Co. Consensus		Guidance	K. Liu & Co.	Consensus	Guidance	K. Liu & Co.	Consensus		
Revenues (\$MMs)	218.1	198.9	198.3	~214.0	234.1	234.0	~840.0	841.0	841.0		
Non-GAAP EBIT	63.2	34.1	35.0	NA	70.7	72.1	NA	189.6	186.7		
Non-GAAP EPS	0.73	0.38	0.37	0.50-0.55	0.78	0.79	2.15-2.20	2.08	2.07		

Exhibit I: Quarterly Results and Guidance Versus Expectations

Sources: FactSet Estimates; K. Liu & Company LLC; NetScout Earnings Release

Q3 revenue of \$218.1 million (-19.1% Y/Y) was well above our estimate of \$198.9 million and consensus of \$198.3 million. Both product and service revenue of \$95.8 million (-35.9% Y/Y) and \$122.2 million (+1.8% Y/Y) exceeded our projections of \$85.0 million and \$113.9 million, respectively. The upside was largely attributable to the receipt of orders in NetScout's fiscal Q3 rather than Q4 as customers opted to spend against their remaining 2023 budgets. We note that the prior year period also benefited from budget flushes as well as Radio Frequency Propagation Modeling projects that have since been completed, resulting in a challenging comparison from a growth standpoint. Revenue from service assurance products comprised 68% of revenue and declined 30% Y/Y, reflecting the impact of capital spending constraints by Tier-1 service providers in the U.S. Cybersecurity sales comprised the remaining 32% of sales and increased 20% Y/Y as customers increasingly embraced NetScout's Adaptive DDoS and Mobile Security offerings. By vertical, service providers accounted for 45% of total revenue in Q3, while enterprise customers comprised the remaining 55% of revenue with the latter benefiting from strength in the financial and government sectors.

Non-GAAP gross margin of 81.3% was above our 77.4% assumption, largely due to product gross margin reaching what we believe is a record high of 86.1% and service gross margin also coming in strong at 78.5%. Total operating expenses were slightly lower than we modeled as R&D expenses were below our projection. As a result, both non-GAAP operating income of \$63.2 million (29.0% margin) and adjusted EBITDA of \$67.6 million (31.0% margin) far exceeded our estimates of \$34.1 million and \$38.8 million, respectively. Non-GAAP EPS of \$0.73 also beat our estimate of \$0.38 and consensus of \$0.37.

Cash and investments at quarter-end totaled \$330.1 million, while outstanding debt remained unchanged at \$100.0 million. In Q3, NetScout generated \$13.9 million in cash flow from operations and had \$1.2 million in capital expenditures. The company also repurchased approximately 706 thousand shares during the quarter for a total cost of \$18.8 million.

With only one quarter remaining, management narrowed its prior FY '24 guidance ranges. Management's guidance now calls for revenue of \$840.0 million, reflecting the low end of prior guidance for \$840.0-\$860.0 million, and non-GAAP EPS of \$2.15-\$2.20, representing the higher end of prior guidance for \$2.00-\$2.20. We were previously projecting \$841.0 million in revenue and \$2.08 in non-GAAP EPS for the year, which was generally in line with consensus.

Exhibit II: Estimate Revisions

	Current	Quarter	Curren	nt Year	Next Year			
	Old Estimate	New Estimate	Old Estimate	New Estimate	Old Estimate	New Estimate		
Revenues (\$MMs)	234.1	215.9	841.0	842.0	844.2	848.5		
Non-GAAP EBIT (\$MMs)	70.7	47.8	189.6	195.9	185.9	189.5		
Non-GAAP EPS	0.78	0.53	2.08	2.17	2.05	2.09		

Source: K. Liu & Company LLC

We lowered our Q4 estimates to account for the pull-forward of revenue into Q3, resulting in a slight uptick to our FY '24 projections. Our estimates for next year also move nominally higher as we fine-tuned our assumptions. We also introduce our FY '26 projections, which call for revenue of \$873.6 million and non-GAAP EPS of \$2.17.

Kevin Liu, CFA kevin@kliuco.com

K. Liu & Co.

Q3 '24 Variance Analysis		-					
(\$000s)	<u>Q3 '24(E)</u>	<u>Q3 '24(A)</u>	<u>Variance</u>	<u>Q3 '23(A)</u>	<u>Y/Y Growth</u>	<u>Q2 '24(A)</u>	<u>Q/Q Growth</u>
Product	85,000	95,832	12.7%	149,452	-35.9%	80,545	19.09
Service	113,949	122,240	7.3%	120,092	1.8%	116,257	5.19
Total revenue	198,949	218,072	9.6%	269,544	-19.1%	196,802	10.89
Cost of product	16,815	15,251	-9.3%	25,281	-39.7%	16,093	-5.2
Cost of service	31,752	28,373	-10.6%	31,521	-10.0%	26,959	5.2
Gross profit (loss)	150,382	174,448	16.0%	212,742	-18.0%	153,750	13.5
Research and development	42,025	37,023	-11.9%	42,558	-13.0%	35,112	5.4
Sales and marketing	68,256	69,124	1.3%	66,994	3.2%	60,950	13.4
General and administrative	24,752	23,109	-6.6%	25,533	-9.5%	22,652	2.0
Amortization of acquired intangible assets	12,550	12,533	-0.1%	13,818	-9.3%	12,550	-0.1
Restructuring and other charges		167,106		89	187659.6%	(3,806)	-4490.6
Operating income (loss)	2,799	(134,447)	-4904.3%	63,750	-310.9%	26,292	-611.4
nterest and other income (expense), net	223	729	227.2%	(3,172)	-123.0%	1,182	-38.3
ncome (loss) before income taxes	3,021	(133,718)	-4525.8%	60,578	-320.7%	27,474	-586.7
ncome tax expense (benefit)	634	(1,141)	-279.8%	7,960	-114.3%	6,012	-119.0
Net income (loss)	2,387	(132,577)	-5654.5%	52,618	-352.0%	21,462	-717.7
Tax rate	21.0%	0.9%		13.1%		21.9%	
Non-GAAP Reconciliation:							
GAAP revenue	198,949	218,072	9.6%	269,544	-19.1%	196,802	10.8
Less: total cost of revenues	48,567	43,624	-10.2%	56,802	-23.2%	43,052	1.3
Add: acquisition related depreciation expense	4	2	-50.0%	5	-60.0%	4	-50.0
Add: amortization of acquired intangible assets	1,638	1,636	-0.1%	2,315	-29.3%	1,638	-0.1
Add: stock-based compensation	2,050	2,375	15.9%	2,043	16.3%	2,638	-10.0
Non-GAAP gross profit	154,074	178,461	15.8%	217,105	-17.8%	158,030	12.9
ess: total operating expenses	147,583	308,895	109.3%	148,992	107.3%	127,458	142.4
Add: acquisition related depreciation expense	33	10	-69.7%	54	-81.5%	33	-69.7
Add: amortization of acquired intangible assets	12,550	12,533	-0.1%	13,818	-9.3%	12,550	-0.1
Add: non-recurring items		167,151		515	32356.5%	(3,762)	-4543.1
Add: stock-based compensation	15,000	13,989	-6.7%	13,100	6.8%	15,807	-11.5
Non-GAAP income from operations	34,074	63,249	85.6%	95,600	-33.8%	55,200	14.6
Add: interest and other income (expense), net	223	729	<u>227.2</u> %	(3,172)	- <u>123.0</u> %	1,182	-38.3
Non-GAAP income before taxes	34,296	63,978	86.5%	92,428	-30.8%	56,382	13.5
Provision for income taxes	7,202	11,944	65.8%	19,409	-38.5%	11,841	0.9
Non-GAAP net income (loss)	27,094	52,034	92.0%	73,019	-28.7%	44,541	16.8
Non-GAAP tax rate	21.0%	18.7%		21.0%		21.0%	
Non-GAAP income from operations	34,074	63,249	85.6%	95,600	-33.8%	55,200	14.6
Add: depreciation excluding acquisition related	4,749	4,337	-8.7%	5,263	-17.6%	4,749	-8.7
Adjusted EBITDA	38,823	67,586	74.1%	100,863	-33.0%	59,949	12.7
EPS	0.03	(1.87)	-5702.9%	0.72	-359.0%	0.29	-732.7
Non-GAAP EPS	0.38	0.73	92.2%	1.00	-27.3%	0.61	18.7
Basic shares outstanding	71,012	71,077	0.1%	71,744	-0.9%	72,112	-1.4
Diluted shares outstanding	71,697	71,638	-0.1%	73,049	-1.9%	72,797	-1.6
Selected Balance Sheet Data							
Cash and investments	383,460	330,122	-13.9%	416,212	-20.7%	332,555	-0.7
Accounts receivable	176,307	221,574	25.7%	215,838	2.7%	152,603	45.2
nventories	14,659	15,342	4.7%	18,621	-17.6%	15,909	-3.6
ixed assets	28,888	27,955	-3.2%	37,590	-25.6%	30,637	-8.8
Goodwill and intangibles	2,044,261	1,875,440	-8.3%	2,107,986	-11.0%	2,058,449	-8.9
Deferred revenue	411,908	418,029	1.5%	444,919	-6.0%	394,313	6.0
Debt	100,000	100,000	0.0%	200,000	-50.0%	100,000	0.0
Stockholders' equity	2,053,032	1,903,903	-7.3%	2,005,153	-5.0%	2,039,670	-6.7

Sources: K. Liu & Company LLC; NetScout Earnings Release

Kevin Liu, CFA kevin@kliuco.com

K. Liu & Co.

NetScout Systems (NTCT)

NetScout Systems (NTCT)																					
K. Liu & Company LLC					_															_	
(\$000s)	FY '22(A)	<u>Q1 - Jun</u>	Q2 - Sep	Q3 - Dec	<u>Q4 - Mar</u>	FY '23(A)	<u>Q1 - Jun</u>	Q2 - Sep	Q3 - Dec(A)	Q4 - Mar	FY '24(E)	<u>Q1 - Jun</u>	Q2 - Sep	Q3 - Dec	Q4 - Mar	FY '25(E)	<u>Q1 - Jun</u>	<u>Q2 - Sep</u>	Q3 - Dec	Q4 - Mar	FY '26(E)
Product	410,121	98,251	111,816	149,452	91,274	450,793	94,661	80,545	95,832	97,500	368,538	80,000	90,000	100,000	105,000	375,000	85,000	95,000	105,000	110,000	395,000
Service	445,454	110,561	116,265	120,092	116,819	463,737	116,477	116,257	122,240	118,442	473,416	118,655	118,391	118,100	118,336	473,482	118,822	119,345	119,913	120,555	478,635
Total revenue	855,575	208,812	228,081	269,544	208,093	914,530	211,138	196,802	218,072	215,942	841,954	198,655	208,391	218,100	223,336	848,482	203,822	214,345	224,913	230,555	873,635
Cost of product	90,730	26,805	25,881	25,281	16,901	94,868	16,662	16,093	15,251	17,538	65,544	15,302	16,902	17,502	18,252	67,958	15,277	16,777	17,227	17,927	67,208
Cost of service	123,456	30,909	31,760	31,521	34,040	128,230	33,734	26,959	28,373	31,750	120,816	32,000	32,000	32,000	32,000	128,000	32,600	32,600	32,600	32,600	130,400
Gross profit (loss)	641,389	151,098	170,440	212,742	157,152	691,432	160,742	153,750	174,448	166,654	655,594	151,353	159,489	168,598	173,084	652,524	155,945	164,968	175,086	180,028	676,027
Research and development	171,131	43,457	43,917	42,558	46,241	176,173	45,520	35,112	37,023	42,008	159,663	42,008	42,008	42,008	42,008	168,032	43,258	43,258	43,258	43,258	173,032
Sales and marketing	264,191	76,323	66,118	66,994	67,478	276,913	78,996	60,950	69,124	70,502	279,572	70,752	58,252	68,252	70,752	268,008	73,502	61,002	71,002	73,502	279,008
General and administrative	97,692	24,790	25,261	25,533	27,926	103,510	28,214	22,652	23,109	23,750	97,725	25,500	25,500	25,500	25,500	102,000	26,250	26,250	26,250	26,250	105,000
Amortization of acquired intangible assets	59,741	13,881	13,801	13,818	13,890	55,390	12,707	12,550	12,533	12,533	50,323	12,533	12,533	12,533	12,533	50,132	12,533	12,533	12,533	12,533	50,132
Restructuring and other charges		1,774	(60)	89	(21)	1,782		(3,806)	167,106		163,300										
Operating income (loss)	48,634	(9,127)	21,403	63,750	1,638	77,664	(4,695)	26,292	(134,447)	17,861	(94,989)	560	21,196	20,305	22,291	64,352	402	21,925	22,043	24,485	68,855
Interest and other income (expense), net	(5,742)	(1,358)	(2,024)	(3,172)	(2,695)	(9,249)	(639)	1,182	729	101	1,373	973	955	1,063	1,580	4,572	2,192	2,041	2,173	2,695	9,101
Income (loss) before income taxes	42,892	(10,485)	19,379	60,578	(1,057)	68,415	(5,334)	27,474	(133,718)	17,962	(93,616)	1,533	22,151	21,367	23,871	68,923	2,594	23,965	24,216	27,180	77,956
Income tax expense (benefit)	7,018	(3,353)	1,996	7,960	2,164	8,767	(1,134)	6,012	(1,141)	(6,250)	(2,513)	322	4,652	4,487	5,013	14,474	545	5,033	5,085	5,708	16,371
Net income (loss)	35,874	(7,132)	17,383	52,618	(3,221)	59,648	(4,200)	21,462	(132,577)	24,212	(91,103)	1,211	17,499	16,880	18,858	54,449	2,050	18,933	19,131	21,472	61,585
Tax rate	16.4%	32.0%	10.3%	13.1%	-204.7%	12.8%	21.3%	21.9%	0.9%	-34.8%	2.7%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%
Non-GAAP Reconciliation:																					
GAAP revenue	855,575	208,812	228,081	269,544	208,093	914,530	211,138	196,802	218,072	215,942	841,954	198,655	208,391	218,100	223,336	848,482	203,822	214,345	224,913	230,555	873,635
Add: service deferred revenue fair value adjustment																					
Non-GAAP revenue	855,575	208,812	228,081	269,544	208,093	914,530	211,138	196,802	218,072	215,942	841,954	198,655	208,391	218,100	223,336	848,482	203,822	214,345	224,913	230,555	873,635
Less: total cost of revenues	214,186	57,714	57,641	56,802	50,941	223,098	50,396	43,052	43,624	49,288	186,360	47,302	48,902	49,502	50,252	195,958	47,877	49,377	49,827	50,527	197,608
Add: acquisition related depreciation expense	24 13,385	7	4	5	2,329	22 9,284	1 (28	4	2	1 (2)	13	2 2,175	2	2	2 175	8 0 700	2 2,175	2	2	2 2,175	8
Add: amortization of acquired intangible assets Add: business development and other non-recurring ex		2,328	2,312	2,315	2,329	9,284	1,638	1,638	1,636	1,636	6,548	2,175	2,175	2,175	2,175	8,700	2,175	2,175	2,175	2,1/5	8,700
Add: stock-based compensation	7,042	2,037	2,395	2,043	1,940	8,415	2,911	2,638	2,375	2,050	9,974	2,325	2,325	2,325	2,325	9,300	2,450	2,450	2,450	2,450	9,800
Non-GAAP gross profit	661,840	155,470	175,151	217,105	161,427	709,153	165,296	158,030	178,461	170,342	672,129	155,855	163,991	173,100	177,586	670,532	160,572	169,595	179,713	184,655	694,535
Less: total operating expenses	592,755	160,225	149,037	148,992	155,514	613,768	165,437	127,458	308,895	148,793	750,583	150,793	138,293	148,293	150,793	588,172	155,543	143,043	153,043	155,543	607,172
Add: acquisition related depreciation expense	230	58	149,037	140,992 54	52	219	54	33	10	146,795	107	150,795	156,295	148,295	130,793	40	155,545	145,045	155,045	155,545	40
Add: amortization of acquired intangible assets	59,741	13,881	13,801	13,818	13,890	55,390	12,707	12,550	12,533	12,533	50,323	12,533	12,533	12,533	12,533	50,132	12,533	12,533	12,533	12,533	50,132
Add: non-recurring items	1,911	1,774	(60)	515	29	2,258	41	(3,762)	167,151		163,430										
Add: stock-based compensation	49,032	13,544	14,106	13,100	12,821	53,571	16,933	15,807	13,989	13,750	60,479	14,250	14,250	14,250	14,250	57,000	15,000	15,000	15,000	15,000	60,000
Non-GAAP income from operations	179,999	24,502	54,016	95,600	32,705	206,823	29,594	55,200	63,249	47,842	195,885	31,855	52,491	51,600	53,586	189,532	32,572	54,095	54,213	56,655	197,535
Add: interest and other income (expense), net	(5,742)	(1,358)	(2,024)	(3,172)	(2,695)	(9,249)	(639)	1,182	729	101	1,373	973	955	1,063	1,580	4,572	2,192	2,041	2,173	2,695	9,101
Less: other income	(1,055)				1,380	1,380	(206)				(206)				·						
Non-GAAP income before taxes	173,202	23,144	51,992	92,428	31,390	198,954	28,749	56,382	63,978	47,943	197,052	32,828	53,446	52,662	55,166	194,103	34,764	56,135	56,386	59,350	206,636
Provision for income taxes	34,814	5,092	10,687	19,409	4,205	39,393	6,037	11,841	11,944	10,068	39,890	6,894	11,224	11,059	11,585	40,762	7,301	11,788	11,841	12,464	43,394
Non-GAAP net income (loss)	138,388	18,052	41,305	73,019	27,185	159,561	22,712	44,541	52,034	37,875	157,162	25,934	42,222	41,603	43,581	153,342	27,464	44,347	44,545	46,887	163,243
Non-GAAP tax rate	20.1%	22.0%	20.6%	21.0%	13.4%	19.8%	21.0%	21.0%	18.7%	21.0%	20.2%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%		21.0%	21.0%
Non-GAAP income from operations	179,999	24,502	54,016	95,600	32,705	206,823	29,594	55,200	63,249	47,842	195,885	31,855	52,491	51,600	53,586	189,532	32,572	54,095	54,213	56,655	197,535
Add: depreciation excluding acquisition related	22,404	5,311	5,090	5,263	5,339	21,003	5,032	4,749	4,337	4,337	18,455	5,250	5,250	5,250	5,250	21,000	5,250	5,250	5,250	5,250	21,000
Adjusted EBITDA	202,403	29,813	59,106	100,863	38,044	227,826	34,626	59,949	67,586	52,179	214,340	37,105	57,741	56,850	58,836	210,532	37,822	59,345	59,463	61,905	218,535
EPS	0.48	(0.10)	0.24	0.72	(0.05)	0.82	(0.06)	0.29	(1.87)	0.34	(1.27)	0.02	0.24	0.23	0.25	0.74	0.03	0.25	0.25	0.28	0.82
Non-GAAP EPS	1.84	0.24	0.57	1.00	0.38	2.18	0.31	0.61	0.73	0.53	2.17	0.36	0.58	0.56	0.59	2.09	0.37	0.59	0.59	0.62	2.17
Basic shares outstanding	74,019	72,452	71,856	71,744	71,066	71,781	71,540	72,112	71,077	71,577	71,577	72,077	72,577	73,077	73,577	72,827	74,077	74,577	75,077	75,577	74,827
Diluted shares outstanding	75,084	74,187	72,891	73,049	72,491	73,046	72,995	72,797	71,638	72,138	72,392	72,638	73,138	73,638	74,138	73,388	74,638	75,138	75,638	76,138	75,388
Selected Balance Sheet Data															674 04-						
Cash and investments	703,198	374,646	367,131	416,212	427,938	427,938	390,484	332,555	330,122	477,120	477,120	464,000	481,620	563,457	671,815	671,815	636,811	657,917	740,302	855,329	855,329
Accounts receivable	148,245	112,889	139,126	215,838	143,855	143,855	108,292	152,603	221,574	150,386	150,386	164,181	181,339	190,001	152,957	152,957	169,155	186,293	195,690	157,820	157,820
Inventories	28,220	22,840	24,063	18,621	17,956	17,956	18,449	15,909	15,342	15,795	15,795	16,420	16,355	16,729	16,958	16,958	16,682	16,533	16,865	17,060	17,060
Fixed assets	41,337	40,328	38,752	37,590	34,735 2,090,995	34,735	33,207	30,637	27,955	26,118	26,118	23,368	20,618	17,868	15,118 1,802,439	15,118	12,868	10,618	8,368	6,118 1,743,607	6,118 1,743,607
Goodwill and intangibles Deferred revenue	2,156,575 463,706	2,141,150 423,864	2,126,992 410,805	2,107,986 444,919	2,090,995 441,345	2,090,995 441,345	2,076,033 405,154	2,058,449 394,313	1,875,440 418,029	1,861,271 410,837	1,861,271 410,837	1,846,563 382,743	1,831,855 374,570	1,817,147 396,016	1,802,439 393,242	1,802,439 393,242	1,787,731 368,397	1,773,023 361,738	1,758,315 381,438	1,743,607 381,111	1,743,607 381,111
Debt	463,706	200,000	200.000	200,000	100,000	441,345	405,154	100.000	418,029 100,000	410,837	410,837	382,743	374,570	100,000	393,242 100,000	100,000	100,000	100.000	381,438 100,000	100,000	100,000
Stockholders' equity	2,060,395		,		2,029,649	2,029,649	2,031,210	,		1,937,300	1,937,300	1,971,304	2,006,038		2,076,144	2,076,144	2,093,866			2,207,538	2,207,538
scouldurs equity	2,000,333	2,500,005	1,007,040	2,000,100	2,023,043	2,023,043	2,031,210	2,033,070	1,000,000	1,557,500	1,557,500	1,5,11,504	2,000,030	-,071,093	2,070,144	2,070,144	2,000,000	-,130,333	2,100,077	-,207,330	2,201,330

Analyst Certification

Kevin Liu, CFA ("the analyst") certifies that all of the views expressed in this report accurately reflect the analyst's personal views regarding the companies and securities covered by this report, and no part of the analyst's or the firm's compensation was, is, or will be, directly or indirectly, tied to the specific recommendations or views expressed by the analyst in this report. The analyst has received and is eligible to receive compensation based on K. Liu & Company LLC's overall revenues, the performance of the analyst's recommendations, and other competitive factors.

Important Disclosures

K. Liu & Company LLC ("the firm") receives or intends to seek compensation from the companies covered in its research reports. The firm has not received any compensation from NetScout Systems (NTCT) in the past 12 months.

The analyst, a member of the analyst's household, and/or an account in which the analyst exercises discretion hold(s) a long position in the common stock of NetScout Systems (NTCT).

The information in this report is for educational and informational purposes only. This report is available in electronic form at https://www.kliuco.com.

Copyright 2024, K. Liu & Company LLC. All rights reserved.