

Software Market Overview

TECHNOLOGY, MEDIA & TELECOM INVESTMENT BANKING

APRIL 2025

Executive Summary

Macro Environment

- Investor sentiment remains fragile following "Liberation Day", as markets digest a wave of
 retaliatory trade policies, shifting geopolitical alliances and heightened volatility across the
 broader equity and technology sector, with the S&P and Magnificent 7⁽¹⁾ both down (8%) and
 (17%) YTD, respectively
- The 10-year yield recently spiked to ~4.5% on April 11th, despite declining equity markets and
 escalating trade tensions highlighting a shift in investor confidence from the U.S. to other
 global safe havens
- As a result of immediate announcements such as the 90-day pause and increase in tariffs for China, Jefferies is now expecting 2025 GDP growth of 1.9% in 2025 vs. 2.5% in 2024
- Jefferies economists expect three rate cuts in June, July and September totaling 75bps, ending the year at 3.50% – 3.75%
 - Despite potential price increases from tariffs, Jefferies does not believe the Fed would see this as a constraint towards rate cuts
- Overall, uncertainty continues to be elevated as the new administration has proven to move much faster than predecessors and the benefits or challenges for individual companies and sectors must be digested by the market

Software Market Performance & Key Themes

- Pricing models for SaaS based companies are undergoing a significant transformation as AI becomes more embedded in core products and companies look to align costs with actual usage / delivered value
 - The historical seat-based (per-user) pricing model is shifting to hybrid (i.e., combination of seat-based and consumption-based pricing) and / or consumption-based models (e.g., charging per token aka usage, charging per compute / storage consumption)
- Wall Street analysts see the open-source nature of low cost LLMs as a catalyst for innovation within the AI landscape despite concerns over capital already spent by hyperscalers and other software companies
- Rapidly evolving trade policy and significant uncertainty resulted in Application Software⁽²⁾,
 Magnificent 7⁽¹⁾ and S&P Semis Index materially underperforming the S&P 500 YTD by 9%, 9%
 and 11%, respectively
- Valuations have come down meaningfully since the start of the year, with the median software company now trading around ~4.4x CY25E revenue and approximately ~18x CY25E Adj. EBITDA⁽³⁾

Source: Capital IQ, Wall Street Research and Refinitiv as of 4/14/2025.

- 1. Magnificent 7 index includes: Alphabet; Amazon; Apple; Meta; Microsoft; Nvidia; Tesla.
- 2. Application Software represents: Customer Engagement / Experience Management; Enterprise Resource Planning; Business Intelligence, Data Warehousing & Analytics; Enterprise Content Management; Supply Chain Management & Procurement; PLM; Industrial & Engineering; Human Capital Management; Healthcare Information Technology; Vertical Applications.
- 3. Figures reflect median software company valuation of 170+ software companies tracked by Jefferies.



Tariff Program Has Interrupted An Improving TMT M&A Environment

M&A

- While expected, the abrupt and severe nature of the announced tariff regime has disrupted a transitioning and broadly healthy TMT M&A environment
- New processes are being held back in a "wait and see" approach
- Active processes may pull / hold if not significantly well underway
- Others will continue to drive toward an outcome unless and until bidder appetite and / or financing become preclusive to signing or closing

Capital Markets

- Assuming capital markets continue to operate efficiently and no systemic or contagion risk is exposed, several other criteria are needed for substantial restoration of strategic dialogue:
 - Debt financing becomes available
 - Improved buyer ability to forecast demand impact of tariffs
 - Reduction in equity uncertainty / volatility, such that M&A valuations can be negotiated and sustained over the length of processes

JEF Expectations

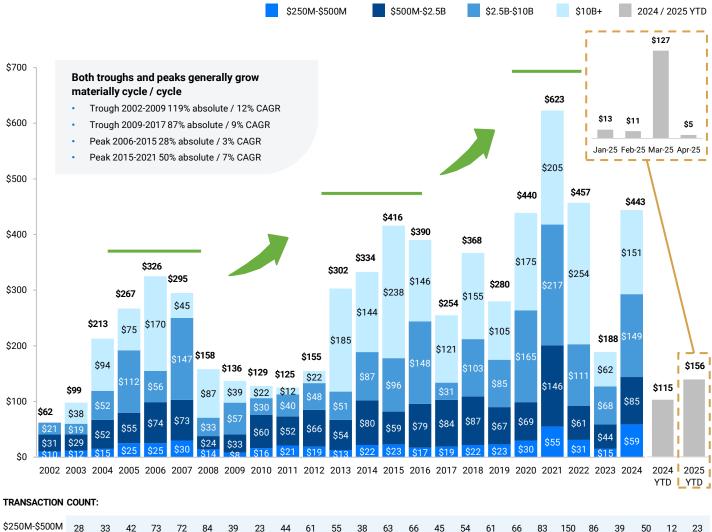
- Critical path diligence topics will continue to focus on quality of revenue, achievement / sustainability of profitable growth and AI risk
- Prospective sellers that were already uncertain with respect to timing may delay further, opening aperture to 2026 metrics
- Profitable, scaled sellers with strong double-digit growth profiles will continue to achieve strong outcomes
- Combination of equity value compression plus lack of willingness to be bold / extend may drive uptick in consolidation trades capitalizing on synergies
- Recurring revenue businesses will again see options in both syndicated and direct financing markets to support processes

Modest YTD TMT M&A Growth Despite Market Volatility

2024 3rd Strongest Volume in Last 22 Years

Total Deal Volume (U.S. Target Only)

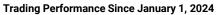
Dollar Volume (\$B)

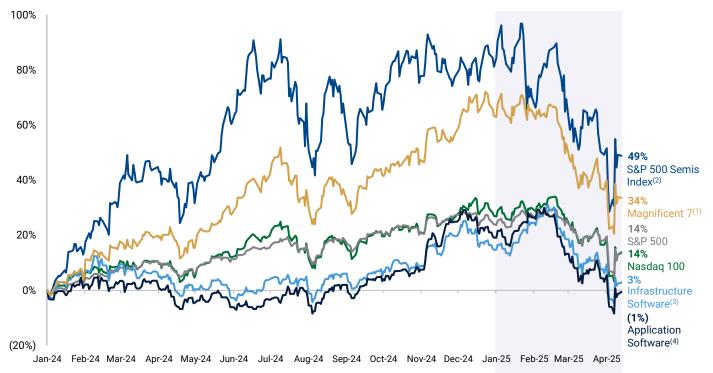


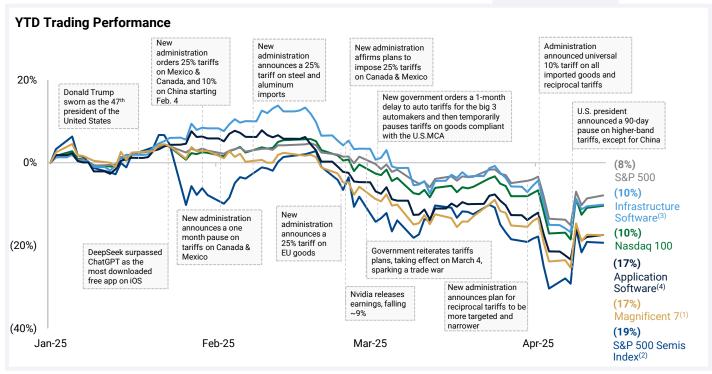
\$250M-\$500M	28	33	42	73	72	84	39	23	44	61	55	38	63	66	45	54	61	66	83	150	86	39	50	12	23
\$500M-\$2.5B	31	27	47	53	70	74	25	30	54	48	57	51	67	57	73	75	77	67	64	131	55	41	76	14	16
\$2.5B-\$10B	6	4	10	23	13	29	7	13	7	10	12	12	21	20	33	6	18	18	34	41	23	14	29	4	13
\$10B+	-	3	3	4	6	2	4	2	1	1	1	4	4	9	4	3	7	7	7	9	9	4	9	4	3
Total	65	67	102	153	161	189	75	68	106	120	125	105	155	152	155	138	163	158	188	331	173	98	164	34	55

Broader Equity Markets Faced A Turbulent Start To 2025

Share Price Performance Of Software Relative To Market Indexes, Magnificent $7^{(1)}$ And Semiconductors







Source: Capital IQ as of 4/14/2025.

Note: All custom indices are equally weighted.

- 1. Magnificent 7 index includes: Alphabet; Amazon; Apple; Meta; Microsoft; Nvidia; Tesla.
- 2. S&P 500 Semiconductors & Semiconductor Equipment Index.
- 3. Infrastructure represents: Diversified Vendors; DevOps; Collaboration; Data Management & Integration; Security Management; Fintech.
- Application Software represents: Customer Engagement / Experience Management; Enterprise Resource Planning; Business Intelligence, Data Warehousing & Analytics; Enterprise Content Management; Supply Chain Management & Procurement; PLM; Industrial & Engineering; Human Capital Management; Healthcare Information Technology; Vertical Applications.



Valuation Gap Between Software High-Flyers And Low-Flyers

High and low-flyers are classified using the rule of 40 where the top 25% of companies are classified as high-flyers and the bottom 25% are classified as low-flyers

Median Multiples By Combined Growth & Profitability Performance (Top 25th And Bottom 25th Percentile Peer Range)

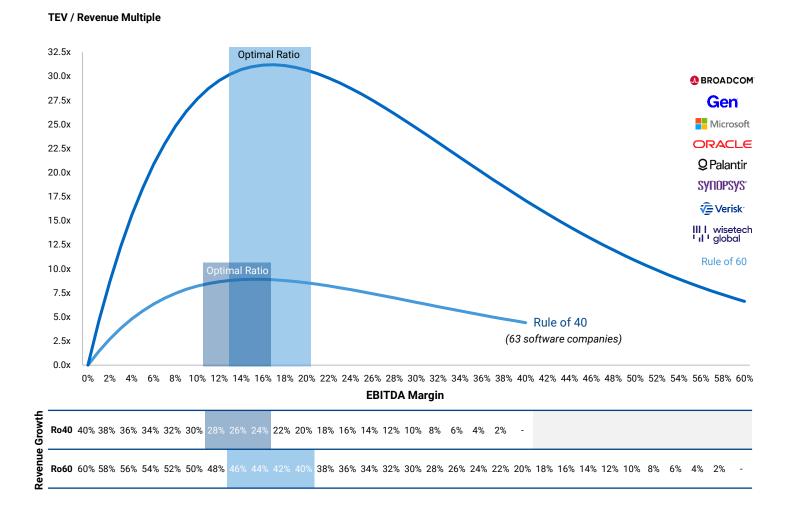


Valuation Spreads Have Narrowed to ~6.6x Between High "Rule Of" Companies

Vs. Low "Rule of" Companies

The Search For The Optimal Growth-To-Margin Ratio

For a consistent financial profile, a current snapshot of illustrative DCFs suggest that once software companies reach ~15% margin, growth becomes the primary driver of valuation



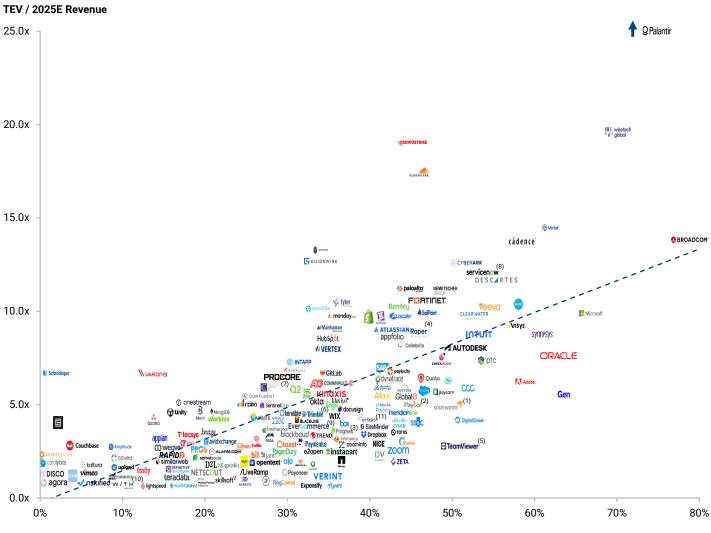
Based On Empirical Valuation Data,

The "Ideal" EBITDA Margin Range Is ~12-20%...

Which Shows An Emphasis On *Growth* While Leaving Upside For Margins

Rule Of 40: Correlation To Valuation

Rule Of 40 Vs. EV / Revenue



Rule of 40 (2025E Revenue Growth + 2025E EBITDA Margins)

Companies That Efficiently Balance Growth And Profitability

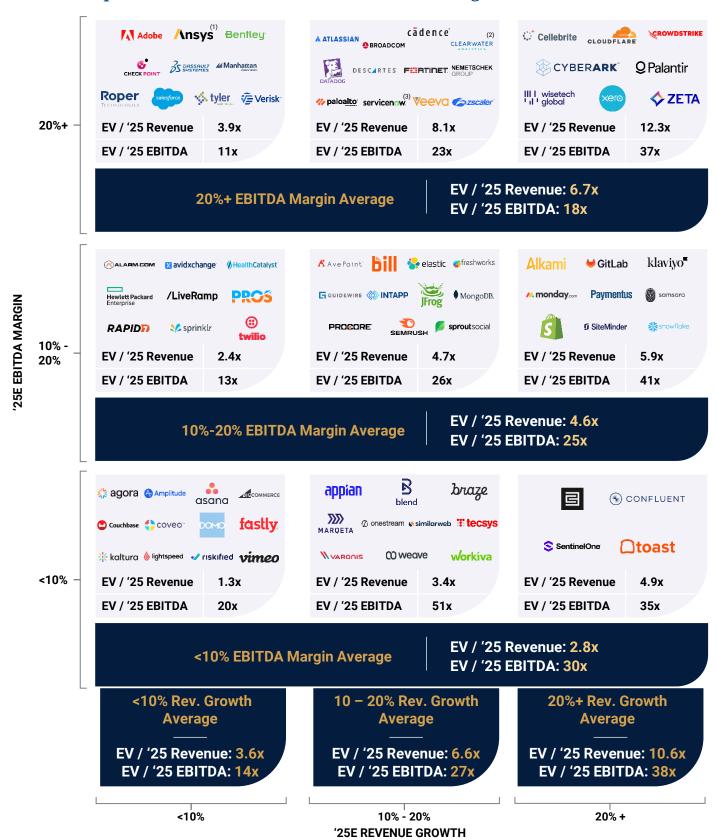
Are Rewarded With Higher Multiples

Source: Capital IQ as of 4/14/2025.

Note: Includes 170+ currently publicly traded software companies tracked by Jefferies.

- $1. \ \ Acquisition \ of \ Solar winds \ by \ Turn/River \ Capital \ for \ \$4.4B \ announced \ 2/7/2025.$
- Acquisition of Paycor by Paychex for \$4.1B announced 1/7/2025.
- 3. PF revenue growth to reflect Progress acquisition of ShareFile 10/31/2024.
- Reflects organic growth rate.
- 5. PF revenue growth to reflect TeamViewer acquisition of 1E 12/10/2024.
- 6. PF revenue growth to reflect Trimble's divestures from the agriculture business & mobility business.
- Reflects organic growth rate.
- 8. Acquisition of Moveworks for \$2.9B announced 3/10/2025.
- 9. PF revenue growth to reflect EverCommerce's divesture plan for the Marketing Technology Solutions business.
- 10. PF revenue growth to reflect WithSecure's divesture plan for the Cyber Security Consulting Business.
- 11. Acquisition of Enfusion by Clearwater Analytics for \$1.5B announced 1/13/2025.

Relationship Between Revenue Growth, EBITDA Margin & Valuation



Source: Capital IQ as of 4/14/2025.

Note: Select logos shown per category. Trading above 60x and below 0x are presented as NM.

- 1. Acquisition of Ansys by Synopsys for ~34.6B announced 1/16/2024.
- 2. Acquisition of Enfusion by Clearwater Analytics for \$1.5B announced 1/13/2025.
- 3. Acquisition of Moveworks by Servicenow for ~\$2.9B announced 3/10/2025.

2025 YTD Highest And Lowest Performers

Highest Performers

EV / '25 EV / '25 **COMPANY** YTD % EV (\$B) **REVENUE EBITDA** 38% \$1.7 6.7x NM Schrödinger **♦** TOTVS 34% 3.6 3.5x 14x solarwinds (1) 30% 4.2 5.1x 11x okta 28% 16.0 5.6x 22x 26% 2.9x 2.6 7x **Q** Palantir 22% 212.3 56.5x NM W/TH 22% 0.2 1.1x 22x Paycor (2) 21% 4.0 5.2x 15x 18% 21.1 7.8x 18x GUIDEWIRE 15.8 12.7x NM 14% 14% 0.4 1.3x 26x NEMETSCHEK GROUP 13% 14.3 10.7x 34x TREND® 13% 7.4 3.7x 12x CROWDSTRIKE 11% 90.4 18.9x NM **Ezscaler** 11% 29.2 10.1x 40x Roper 9% 68.4 8.8x 22x 9% 265.6 4.1x 15x Verisk* 7% 44.4 14.5x 26x 12.0 5.9x 14x 6% paycom[,] Veeva 6% 31.3 10.3x 24x 6.0x 6% 3.0 37x enfusion 5% 1.0 4.3x 19x //. monday.com 4% 11.1 9.1x NM **>>>>** MARQETA 3% 0.9 1.5x 15x

Lowest Performers

COMPANY	YTD %	EV (\$B)	EV / '25 REVENUE	EV / '25 EBITDA
cardlytics	(62%)	\$0.2	0.8x	NM
-f lywire	(58%)	0.5	0.8x	4x
similarweb	(51%)	0.5	1.9x	51x
Ьill	(51%)	3.8	2.4x	15x
O LIVEPERSON	(49%)	0.4	1.7x	NM
∦ HealthCatalyst	(46%)	0.3	0.8x	7x
upland	(44%)	0.4	1.8x	7x
fastly	(43%)	0.9	1.5x	20x
& lightspeed	(42%)	0.7	0.6x	10x
弖	(42%)	1.9	4.3x	NM
RAPID	(41%)	2.0	2.3x	13x
(1) weave	(41%)	0.7	2.8x	NM
Global€	(41%)	5.0	5.3x	27x
VERINT.	(41%)	1.7	1.8x	6x
Manhattan Associates.	(40%)	9.7	9.1x	27x
D^2L	(38%)	0.4	1.7x	12x
DEFINITIVE HEALTHCARE	(38%)	0.4	1.8x	7x
Workiva	(37%)	3.8	4.4x	NM
sproutsocial	(37%)	1.1	2.4x	22x
DoubleVerify	(37%)	1.8	2.5x	8x
O Payoneer	(36%)	1.8	1.8x	7x
klaviyo"	(36%)	6.4	5.5x	41x
DATADOG	(36%)	29.1	9.1x	39x
RingCentral	(35%)	3.6	1.4x	6x
	(35%)	0.7	4.2x	39x

Source: Capital IQ as of 4/14/2025. YTD performance metrics reflect 2024 closing price on 12/31/2024 until 4/14/2025. Note: NM denotes "Not Meaningful" when multiples are less than 0.0x or greater than 60.0x.

12.3x

59x

16.2

3%

CYBERARK®

Acquisition of Solarwinds by Turn/River Capital for \$4.4B announced 2/7/2025.
 Acquisition of Paycor by Paychex for \$4.1B announced 1/7/2025.

^{3.} Acquisition of Datastax by IBM for \$750M announced 2/25/2025

Companies With The Highest & Lowest Revenue & EBITDA Multiples

Top 20 EV / 25E Revenue Multiples Bottom 20 EV / 25E Revenue Multiples Bottom 20 EV / 25E EBITDA Multiples

COMPANY	MULTIPLE	EV (\$B)	'25E REVENUE GROWTH	'25E EBITDA MARGIN	RULE OF 40 #	COMPANY N	MULTIPLE	EV (\$B)	'25E REVENUE GROWTH	'25E EBITDA MARGIN	RULE OF 40 #	COMPANY M	ULTIPLE	EV (\$B)	'25E REVENUE GROWTH	'25E EBITDA MARGIN	RULE OF 40 #
Q Palantir	56.5x	\$212.3	31%	43%	74%	ogora 🗱	0.4x	\$0.1	5%	(4%)	1%	-f lywire	4x	\$0.5	17%	19%	36%
III I wisetech 'il' global	20.4x	18.2	20%	52%	72%	DISCO	0.6x	0.1	5%	(11%)	(7%)	Hewlett Packard Enterprise	5x	24.1	6%	16%	22%
CROWDSTRIKE	18.9x	90.4	21%	25%	46%	b lightspeed	0.6x	0.7	9%	6%	15%	Expensify	5x	0.2	7%	28%	35%
CLOUDFLARE	17.5x	36.5	25%	21%	46%	Hewlett Packard Enterprise	0.7x	24.1	6%	16%	22%	teradata.	5x	2.1	(7%)	25%	18%
Verisk*	14.5x	44.4	6%	55%	62%	-f lywire	0.8x	0.5	17%	19%	36%	skillsoft	5x	0.6	1%	22%	23%
⊕ BROADCO	м ⁻ 13.8х	895.9	19%	66%	85%		0.8x	0.3	9%	12%	21%	RingCentral	6x	3.6	5%	26%	31%
cā dence°	13.8x	71.3	12%	47%	58%	cardlytics	0.8x	0.2	(1%)	0%	(1%)	VERINT.	6х	1.7	5%	29%	34%
samsara	13.3x	20.3	22%	13%	35%	W/TH	1.1x	0.2	6%	5%	11%	NETSCOUT	6x	1.1	(1%)	23%	22%
G GUIDEWIR	≡ 12.7x	15.8	15%	20%	35%	✓ riskified	1.1x	0.4	4%	6%	10%	OneSpan	6х	0.5	2%	30%	32%
CYBERAR	12.3x	16.2	31%	21%	52%	vimeo	1.2x	0.5	2%	7%	8%	DEFINITIVE	7x	0.4	(7%)	27%	20%
servicenow.	⁽¹⁾ 12.1x	158.0	19%	35%	54%	skillsoft [*]	1.2x	0.6	1%	22%	23%	⊡TeamViewer	7x	2.6	8%	43%	51%
DESC ARTE	s 11.7x	8.4	11%	45%	56%	BIGCOMMERCE	1.3x	0.4	4%	8%	12%	∦ HealthCatalyst	7x	0.3	9%	12%	21%
// paloalt	<u>n</u> 11.2x	110.3	14%	31%	45%	teradata	1.3x	2.1	(7%)	25%	18%	Payoneer	7x	1.8	7%	25%	32%
NEMETSCHEK GROUP	10.7x	14.3	18%	31%	49%	DOMO	1.3x	0.4	(1%)	5%	4%	opentext	- 7x	12.2	(4%)	33%	29%
FORTIDE	r . 10.6x	71.5	13%	34%	48%	NETSCOUT	1.4x	1.1	(1%)	23%	22%	Ye	7x	0.7	6%	23%	29%
tyler ∴	10.6x	24.5	9%	29%	37%	Expensify	1.4x	0.2	7%	28%	35%	zoom	7x	14.2	3%	41%	44%
xero	10.6x	15.0	26%	32%	58%	RingCentral	1.4x	3.6	5%	26%	31%	alight	7x	4.5	1%	27%	28%
Veeva	10.3x	31.3	11%	44%	55%	 kaltura	1.5x	0.3	1%	8%	9%	upland	7x	0.4	(12%)	24%	12%
**snowflake	∋ 10.2x	45.6	23%	12%	35%	NARQETA	1.5x	0.9	17%	10%	26%	e2open	7x	1.6	(1%)	36%	34%
▲ SailPoint	10.2x	10.5	21%	26%	47%	fastly	1.5x	0.9	7%	7%	14%	DoubleVerify	8x	1.8	10%	32%	42%

Summary Of Recent Software M&A Transactions

TARGET ACQUIRER	DATE	EV	YOY REVENUE GROWTH	EBITDA MARGIN	EV / LTM REVENUE	EV / LTM EBITDA
Dotmatics SIEMENS	4/25	\$5,100	>15% ⁽¹⁾	>40% ⁽¹⁾	~16x ⁽¹⁾	~39x ⁽¹⁾
CentralReach Roper	3/25	1,650	20%+(2)	43% ⁽³⁾	9.4x ⁽³⁾	22x ⁽³⁾
WIZ Google	3/25	32,000	~100% ⁽⁴⁾	NA	~32x ⁽⁴⁾⁽⁵⁾	NA
Moveworks servicenow.	3/25	2,850	NA	NA	~29x ⁽⁵⁾	NA
Quorum FP	3/25	2,400	NA	NA	NA	NA
eci Apax	2/25	Undisclosed	Low Teens	~40%	~9x	20x+
DATASTAX	2/25	~750	Teens ⁽⁵⁾	NA	~3.4x ⁽⁵⁾	NA
solarwinds TURN RIVER	2/25	4,384	5%	48%	5.5x	11x
CLEARWATER ** enfusion ************************************	1/25	1,471	16%	21%	7.3x	34x
Paycor PAYCHEX	1/25	4,127	17%	34%	5.9x	17x
veeom TPG	12/24	15,000	18% ⁽⁵⁾	30%	8.8x ⁽⁵⁾	30x ⁽⁵⁾
≟1E ⊕TeamVlewer	12/24	720	NA	26%	10.4x	40x
inhabit. GSV GEATER GRANGER	12/24	Undisclosed	NA	~40%	~9x	~23x
Qlik ADIA	11/24	~9,800	~10%+	~45%	~7x	~16x
% Tricentis GTCR	11/24	~4,500	~27%	~15%	10.6x ⁽⁵⁾	NA
👰 anaqua' Nordic Capital.	11/24	Undisclosed	~15%	~45%	NA	High 20s
(Caspentech EMERSON.	11/24	15,100	5%	34%	13.7x	40x
△ ALTAIR SIEMENS	10/24	10,600	7%	11%	16.4x	NM
ZZUORA SILVER LAKE	10/24	1,200	NA	NA	2.7x	NA
workfarce P	10/24	~1,200	NA	~15%	~6x	~40x
⋄ solifi TA TA TA TA TA TA TA TA TA T	10/24	800+	NA	NA	NA	High Teens

TARGET ACQUIRER	DATE	EV	YOY REVENUE GROWTH	EBITDA MARGIN	EV / LTM REVENUE	EV / LTM EBITDA
smartsheet Blackstone	9/24	7,682	20%	17%	7.4x	44x
·l¦l·Recorded Future'	9/24	2,650	NA	NA	~9x	NA
	9/24	875	~15%	~20%	~4x	High Teens
Quin	9/24	1,900	~25%	NA	8.4x	NA
TRANSACT ROPER	8/24	1,600	NA	32%(3)	~5x ⁽³⁾	~14x ⁽³⁾
veriforce Apax.	8/24	~1,750	NA	NA	NA	~22x
epicor CVC	8/24	Undisclosed	~10%	~40%	~7x	High Teens
JAGGA ER. VISTA	8/24	~2,850	9%	~40% ⁽⁶⁾	~8x	~21x ⁽⁶⁾
\$ INSTRUCTURE KKR	7/24	4,800	18%	34%	8.0x	24x
77 Aareon TPG	6/24	~4,150	~10%	~35%	~9x	~25x
PowerSchool BainCapital	6/24	~5,600	13%	34%	7.7x	23x
Advert International LGP	6/24	~4,000	~20%	~55%	~15x	~25x
walking SAP	6/24	1,205	6%	6%	4.5x	NM
Venafi ⊗ CYBERARK	5/24	1,540	NA	NA	10.3x	NA
O AUDITBOARD #Hg	5/24	3,000	~30%	NA	~15x	NA
SOUARESPACE PERMIRA	5/24	7,200 ⁽⁷⁾	18%	22%	6.8x	30x
SYNOPSYS' (Software Integrity Group)	5/24	2,100 ⁽⁸⁾	10%	16%	3.9x	25x
Matterport 🗘 CoStar Group	4/24	~1,775	16%	(39%)	11.3x	NM
(HashiCorp III)	4/24	6,401	23%	(12%)	11.0x	NM
DARKTRACE THOMABRAVO	4/24	~5,000 ⁽⁹⁾	26%	23%	8.1x	34x
Median		\$2,850	16%	34%	8.4x	25x

Source: Capital IQ, 451 Research and Company Filings as of 4/14/2025.

Note: \$Millions. Select transactions shown. Trading multiples are NM if greater than 60.0x.

Figures are based on FY'25E figures per Siemens' investor presentation.
 Figures represent organic revenue growth.

^{3.} NTM used as a proxy for LTM.

^{4.} Figures are based on CY'25E figures from select Wall Street Research.

Figures are based on Annual Recurring Revenue (ARR).
 Represents Cash Adj. EBITDA burdened for capitalized software.
 Acquisition of Squarespace by Permira for ~\$7.2B (up from the initial ~\$6.9B offer announced 5/13/2024).
 Includes \$75M earnout.

^{9.} Based on announcement exchange ratio of 1.25 USD / GBP.

Disclaimer

Important Disclosures

This material has been prepared by Jefferies LLC, a U.S.-registered broker-dealer, employing appropriate expertise, and in the belief that it is fair and not misleading. The information upon which this material is based was obtained from sources believed to be reliable, but has not been independently verified, therefore, we do not quarantee its accuracy. It may be based on subjective assessments and assumptions and may utilize one among alternative methodologies that produce differing results; accordingly, it should not be relied upon as an accurate representation of future events. This is not an offer or solicitation of an offer to buy or sell any security or investment. Any opinion or estimates constitute our best judgment as of this date and are subject to change without notice. Jefferies LLC and Jefferies International Limited and their affiliates (collectively, "Jefferies") and their respective directors, officers and employees may buy or sell securities mentioned herein as agent or principal for their own account.

This communication is being provided strictly for informational purposes only. Any views or opinions expressed herein are solely those of the institutions identified, not Jefferies. This information is not a solicitation or recommendation to purchase securities of Jefferies and should not be construed as such. No responsibility is accepted, and no representation, undertaking or warranty is made or given, in either case, expressly or impliedly, by Jefferies as to the accuracy, reliability or completeness of the information contained herein or as to the reasonableness of any assumptions on which any of the same is based or the use of any of the same. Accordingly, neither Jefferies nor any of its officers, directors, employees, agents or representatives will be liable for any direct, indirect or consequential loss or damage suffered by any person resulting from the use of the information contained herein, or for any opinions expressed by any such person, or any errors, omissions or misstatements made by any of them.

The information provided in this document, including valuation discussions, represents the views of Jefferies Investment Banking. There is no assurance that the views expressed herein will be consistent with the views expressed by Jefferies Research or its Analysts. Nothing in this document should be understood as a promise or offer of favorable research coverage.

Any valuation discussions contained herein are illustrative and based on preliminary information provided by management which assumes the company continues operating in substantially the same corporate structure. Further, the information provided in this document is subject to revision based on further due diligence. Any views provided herein do not purport to constitute an appraisal or necessarily reflect the actual market value that might be realized through a sale of the company, its securities, or its assets, which may materially differ.

Reproduction without written permission of Jefferies is expressly forbidden. All Jefferies logos, trademarks and service marks appearing herein are property of Jefferies LLC

© 2025 Jefferies LLC.

Notes	

Notes	