AUDIT & ASSURANCE | TAX & LEGAL | ADVISORY M&A - SOFTWARE SECTOR UPDATE Q4-2022

January 2023



## Software Outlook 2023: Finally, light at the end of the tunnel?

The software sector experienced a largely difficult and painful year 2022 driven by rising interest rates, increasing concerns about a (global) recession and investors' fear of weaker spending trends into 2023. However, the basis for a constructive investment backdrop is certainly there:

#### Attractive valuation multiples

- Share prices within our software universe experienced a sharp decline over the last year, correcting implied valuations back towards more attractive levels
- Equity research notes that valuations have pulled back -31% in 2022 vs. only -5% retracement of FY2023 sales expectations
- Especially growth stocks such as SaaS demonstrated the worst share price performance within our universe in 2022 (-44.5%)
- Potentially, 2023 will look like a two stage set-up where stage one will contain further estimate revisions after the Q4-22 reporting season while stage two with stabilizing interest rates and better prospects into 2024 should turn investors to focus on high growth/high quality assets in the second half of the year

#### Focus on operating profits & margins

- An uncertain macro climate combined with rising cost of capital led many tech companies to reassess growth plans and reprioritize profitability and cash flows
- Focus on leaner operations and cost control led to a surge in layoffs and slowed headcount growth
- This will support operating margins but won't lead to a massive uplift, i.e. will rather correct outsized sales growth expectations

#### Strong M&A activities

- Vendor consolidation trend will continue into 2023 as customers look to manage their cost base more effectively
- Primarily smaller tech-vendors might be impacted with larger rivals looking for tuck-in acquisitions to complete more integrated solutions
- In Germany, yearly software sector deal count increased from 179 to 205 (+15%) in 2022 with strategic buyers backing 60% of these deals



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# M&A sentiment & KPIs Q4-2022

M&A sentiment software sector – the "big picture"

#### Global Sales growth EBITDA-margin EV/Sales 23E **EV/EBITDA 23E** Subsector 23E 23E 775 in 04-2022 No. of deals SaaS 6.6x 23.8x 19.6% 17.6% 722 in 04-2021 Transaction **€44bn** in 04-2022 SCM 8.7x 30.0x 10.6% 29.1% Volume €177bn in Q4-2021\*\* PLM & 7.7x 22.4x 8.3% 37.4% Ē 4.6x in 2022 EV/Sales (x) Engineering (median-based) 4.2x in 2021 HCM 7.8x 21.4x 17.2% 27.9% Germany ERP 6.7x 22.9x 15.7% 26.3% No. of deals with **51** in O4-2022 German targets 37 in 04-2021 Cyber-5.4x 19.1x 17.4% 21.5% security Private Equity **37%** in 04-2022 involvement 47% global in Q4-2022 Large 5.1x 12.8x 8.7% 39.3% platforms

Implied software sector trading multiples\* & KPIs (median-based)

Sources: Mergermarket, CapitalIQ, BDO analysis

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Note: M&A sentiment transaction volume based on deals with disclosed figures. EV = Enterprise value (median-based) per 13<sup>th</sup> January 2023 \*) Implied multiples in excess of 25x (EV/Sales) or 50x (EV/EBITDA) have been excluded

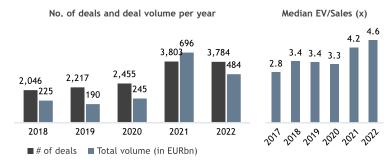
\*\*) Q4-2021 includes acquisitions such as Cerner by Oracle (€26bn); McAffee by Permira (€21bn) and Aspen Technology by Emerson (€9.5bn)



# M&A activity over time

Global software sector deal activity in Q4-2022 was in line with the three year average, while German deal activity remained strong

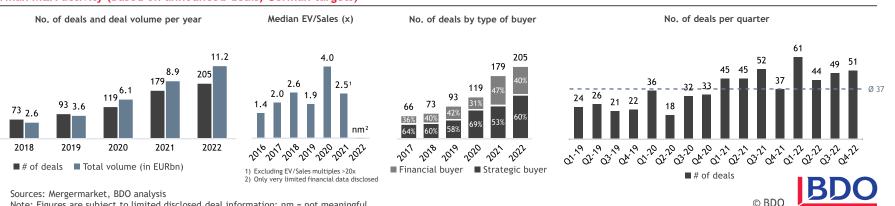
#### Global M&A activity (based on announced deals)







#### German M&A activity (based on announced deals, German targets)

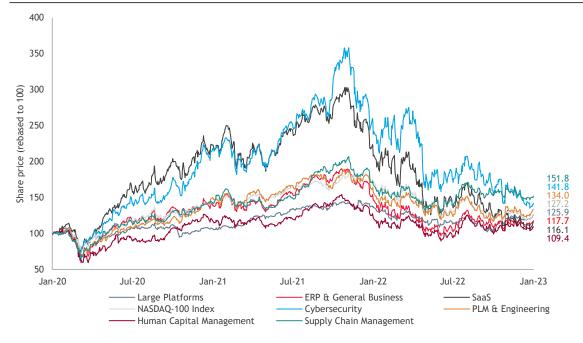


4 Note: Figures are subject to limited disclosed deal information; nm = not meaningful

# Recent software sector share price performance

2022 is characterized by weak share price performance across all software subsegments with SaaS and Cybersecurity being the worst performing segments of our universe – but recent 4W price trends signal a potential trough level

Share price performance over time (by selected software subsector)



| Software subsector       |               | Change (% | )            |
|--------------------------|---------------|-----------|--------------|
|                          | 3-year        | 1-Year    | 4-week       |
| Supply Chain Management  | <b>51.8</b> % | (9.0%)    | 0.2%         |
| Cybersecurity            | 41.8%         | (41.4%)   | (5.6%)       |
| PLM & Engineering        | 34.0%         | (14.1%)   | <b>5.9</b> % |
| NASDAQ-100 Index         | 27.2%         | (26.1%)   | (2.6%)       |
| Large Platforms          | 25.9%         | (7.8%)    | 5.2%         |
| ERP & General Business   | 17.7%         | (19.5%)   | 2.5%         |
| SaaS                     | 16.1%         | (44.5%)   | (0.7%)       |
| Human Capital Management | 9.4%          | (9.1%)    | (0.2%)       |

Sources: CapitalIQ, Equity Research, BDO analysis Note: Market data as of 13<sup>th</sup> January 2023. Subsector constituents limited to top 10 companies by market capitalization



## Appendix Selected M&A transactions & implied trading multiples



# Selected M&A transactions Q4-2022 (1/3)

Germany

| Date     | Target                 | Target activity  | Buyer                          | EV (€m) | EV/Sales(x) | EV/EBITDA(x) |
|----------|------------------------|--|--------------------------------|---------|-------------|--------------|
| Dec-2022 |                        | Technical and compliance consultancy in the field of cyber security for the automotive industry, with a focus on the entire production chain | Sesa VARGROUP                  | n.a.    | n.a.        | n.a.         |
| Dec-2022 |                        | Provider of cloud-based logistics platforms  | 🚔 🛞 Trimble.                   | 2,183   | n.a.        | n.a.         |
| Dec-2022 |                        | Developer of transport management and forwarding software  |                                | n.a.    | n.a.        | n.a.         |
| Dec-2022 | e GORILLAS             | Online groceries ordering and delivery company   | 💿 getir                        | 1,137   | n.a.        | n.a.         |
| Dec-2022 | evidanza.              | Software provider of business intelligence solutions   | CSS                            | n.a.    | n.a.        | n.a.         |
| Dec-2022 | • verso                | Provider of software solutions for CSR management and communications   |                                | n.a.    | n.a.        | n.a.         |
| Dec-2022 |                        | Developer and seller of explicit simulation solutions to the automotive industry   | 👙 🔥 🐣                          | n.a.    | n.a.        | n.a.         |
| Nov-2022 | - <sup>2</sup> artegic | Provider of marketing automation SaaS solutions  |                                | n.a.    | n.a.        | n.a.         |
| Nov-2022 | active logistics       | Provider of complete IT solutions for logistics companies and the manufacturing industry   | proLogistik                    | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                        | ERP software provider for businesses in manufacturing, retail, distribution, public and laboratories sectors                                 | Elvaston                       | n.a.    | n.a.        | n.a.         |
| Oct-2022 | 🛑 🔍 Green Plan GmbH    | Provider of route planning software  | EPG Entrer Connected Logistics | n.a.    | n.a.        | n.a.         |



Sources: Mergermarket, CapitalIQ, BDO analysis

7 n.a. = not available

# Selected M&A transactions Q4-2022 (2/3)

#### Global

| Date     | Target                | Target activity   | Buyer               | EV (€m) | EV/Sales(x) | EV/EBITDA(x) |
|----------|-----------------------|---|---------------------|---------|-------------|--------------|
| Dec-2022 | 🁙 🔅 coupa             | Provider of cloud-based applications for finance  |                     | 7,919   | n.a.        | n.a.         |
| Dec-2022 | Mistral               | Company engaged in providing ERP software and computer programming services   | 😑 🔺 aptean          | n.a.    | n.a.        | n.a.         |
| Nov-2022 | FieldConnect:         | Software company providing mobile field service management software   | Cordance.           | n.a.    | n.a.        | n.a.         |
| Nov-2022 |                       | Service management software business  | 👙 📚 ptc             | 1,409   | n.a.        | n.a.         |
| Nov-2022 | 🚔 💰 rewst             | Software company which develops a robotic process automation technology for smaller managed services providers              | CPENVIEW            | n.a.    | n.a.        | n.a.         |
| Nov-2022 | 😑 ⊡ Integ <u>rh</u> o | Software company engaged in supplier of payroll software  | sdworx              | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                       | Supplier of HR and payroll software and outsourcing services  | sdworx              | n.a.    | n.a.        | n.a.         |
| Oct-2022 | ▲ Market CutSmart     | Software company engaged with field service management software for small and medium-sized enterprises                      | 🕀 💊 VISMA           | n.a.    | n.a.        | n.a.         |
| Oct-2022 | SKILLSURVEY           | Provider of cloud-based talent acquisition and assessment products for human capital management professionals               | 👙 icims             | n.a.    | n.a.        | n.a.         |
| Oct-2022 | 🗷 🕅 valence           | Software-cybersecurity company engaged with SaaS data, supply chain and identity risks through automated policy enforcement | to ther investors   | n.a.    | n.a.        | n.a.         |
| Oct-2022 | 👙 Finexio             | Accounts payable automation software firm   | € S other investors | n.a.    | n.a.        | n.a.         |
|          |                       |   |                     |         |             |              |



Sources: Mergermarket, CapitalIQ, BDO analysis

8 n.a. = not available

# Selected M&A transactions Q4-2022 (3/3)

#### Global

| Date     | Target          | Target activity  | Buyer                                   | EV (€m) | EV/Sales(x) | EV/EBITDA(x) |
|----------|-----------------|--|---|---------|-------------|--------------|
| Oct-2022 | te mage         | Software company providing billing, accounting and carrier access billing systems software                             |   | n.a.    | n.a.        | n.a.         |
| Oct-2022 | 👬 🎽 🏹 Talos 360 | Human capital management solutions provider  |   | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                 | First extended workforce system  | Beeline <sup>.</sup>                    | n.a.    | n.a.        | n.a.         |
| Oct-2022 | BYFR•N          | Company engaged in providing anti-cheat security solutions   |   | n.a.    | n.a.        | n.a.         |
| Oct-2022 | Factorial       | Software company engaged with developing a business and employee management software                                   | atomico°<br>& 5 other investors         | 1,030   | n.a.        | n.a.         |
| Oct-2022 | 👙 workterra     | Provider of cloud-based benefits administration and talent management solutions  | 🖶 🔞 businessolver                       | n.a.    | n.a.        | n.a.         |
| Oct-2022 | 🕑 ТЕМРО         | Developer of software suite for time tracking, resource management and budgeting                                       | DIVERSIS CAPITAL                        | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                 | Provider of accountancy software   | 🕕 👃 Bright                              | n.a.    | n.a.        | n.a.         |
| Oct-2022 | () 🖨 tines      | Provider of cybersecurity automation solutions   | Felicis Ventures<br>& 5 other investors | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                 | Provider of artificial Intelligence based malware detection solutions  | 👙 🧕 Qualys.                             | n.a.    | n.a.        | n.a.         |
| Oct-2022 |                 | Provider of payroll tax and human capital management (HCM) information and software solutions for mid-sized businesses | GearBox<br>Capital PARTAENS             | n.a.    | n.a.        | n.a.         |
|          |                 |  |   |         |             |              |



Sources: Mergermarket, CapitalIQ, BDO analysis

9 n.a. = not available

### Implied multiples SaaS players (1/2)

|                      | Market cap | EV      |       | EV / Sales |       |       | EV / EBITD | 1     |       | EV / EBIT |       |       | P / E |       |
|----------------------|------------|---------|-------|------------|-------|-------|------------|-------|-------|-----------|-------|-------|-------|-------|
| Companies            | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| SaaS                 |            |         |       |            |       |       |            |       |       |           |       |       |       |       |
| Salesforce           | 136,948    | 139,468 | 4.4x  | 3.9x       | 3.4x  | 18.5x | 16.4x      | 15.1x | 20.0x | 16.6x     | 13.4x | nm    | 75.1x | 41.5x |
| ServiceNow           | 77,316     | 75,623  | 9.3x  | 7.6x       | 6.1x  | 28.9x | 22.8x      | 18.8x | 35.5x | 27.9x     | 21.6x | nm    | nm    | 84.7x |
| Shopify              | 45,727     | 42,360  | 6.9x  | 5.5x       | 4.2x  | nm    | nm         | nm    | nm    | nm        | 64.6x | nm    | nm    | nm    |
| Snowflake            | 41,874     | 38,476  | 14.2x | 10.0x      | 6.7x  | nm    | nm         | nm    | nm    | nm        | 72.9x | nm    | nm    | nm    |
| Block Inc.           | 39,740     | 39,893  | 2.1x  | 1.8x       | 1.6x  | 33.4x | 23.1x      | 17.8x | nm    | nm        | 50.1x | nm    | nm    | 51.1x |
| Workday              | 39,708     | 37,646  | 5.7x  | 4.8x       | 4.1x  | 21.4x | 17.2x      | 12.2x | 27.1x | 21.6x     | 16.3x | nm    | nm    | 80.9x |
| Atlassian            | 34,954     | 34,740  | 9.7x  | 7.7x       | 5.9x  | nm    | 41.5x      | na    | 60.6x | 42.8x     | 26.8x | nm    | nm    | nm    |
| Veeva                | 23,635     | 20,898  | 9.5x  | 8.1x       | 7.2x  | 24.5x | 20.6x      | 17.5x | 25.4x | 21.4x     | 18.8x | 57.8x | 45.9x | 38.7x |
| CrowdStrike          | 21,563     | 20,016  | 7.4x  | 5.7x       | 4.2x  | 36.7x | 25.6x      | na    | 45.0x | 30.9x     | 21.1x | nm    | nm    | nm    |
| Datadog              | 20,684     | 19,825  | 9.7x  | 7.2x       | 4.9x  | 50.0x | 34.1x      | na    | 55.7x | 38.0x     | 18.1x | nm    | nm    | 45.2x |
| DiDi                 | 20,638     | 15,738  | 0.6x  | na         | na    | na    | na         | na    | na    | na        | na    | na    | na    | na    |
| Zoom                 | 18,776     | 14,094  | 3.3x  | 3.1x       | 2.7x  | 10.4x | 9.9x       | na    | 10.8x | 10.3x     | 9.1x  | nm    | nm    | 33.1x |
| Roblox               | 18,443     | 17,018  | 5.7x  | 5.0x       | 4.3x  | nm    | nm         | 39.0x | nm    | nm        | nm    | nm    | nm    | nm    |
| Paycom               | 16,284     | 16,018  | 10.3x | 8.4x       | 7.1x  | 24.9x | 20.1x      | 16.7x | 29.8x | 24.1x     | 19.2x | 51.5x | 39.4x | 29.2x |
| Check Point Software | 14,952     | 13,481  | 6.0x  | 5.7x       | 5.7x  | 13.3x | 12.8x      | na    | 13.5x | 12.9x     | 13.1x | 19.8x | 19.2x | 18.5x |
| Zscaler              | 14,303     | 13,743  | 8.7x  | 6.8x       | 4.9x  | nm    | 36.8x      | na    | 68.5x | 47.2x     | na    | nm    | nm    | nm    |
| HubSpot              | 14,175     | 13,668  | 7.2x  | 5.8x       | 4.7x  | nm    | 42.7x      | 27.7x | nm    | 57.2x     | 31.3x | nm    | nm    | nm    |
| Splunk               | 13,436     | 15,575  | 4.2x  | 3.6x       | 3.1x  | 23.1x | 17.0x      | na    | 29.1x | 20.8x     | 14.9x | nm    | nm    | 61.6x |
| Palantir             | 13,382     | 11,327  | 5.3x  | 4.3x       | 2.8x  | 23.8x | 16.8x      | na    | 26.2x | 19.6x     | na    | nm    | nm    | 30.0x |
| Cloudflare           | 13,344     | 13,280  | 10.9x | 8.2x       | 5.7x  | nm    | nm         | 42.9x | nm    | nm        | 70.0x | nm    | nm    | nm    |



### Implied multiples SaaS players (2/2)

|                   | Market cap | EV      |       | EV / Sales |       |       | EV / EBITDA | 4     |       | EV / EBIT |       |       | P/E   |       |
|-------------------|------------|---------|-------|------------|-------|-------|-------------|-------|-------|-----------|-------|-------|-------|-------|
| Companies         | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E       | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| SaaS              |            |         |       |            |       |       |             |       |       |           |       |       |       |       |
| MongoDB           | 12,650     | 12,140  | 8.5x  | 6.6x       | 5.0x  | nm    | nm          | 43.3x | nm    | nm        | 60.9x | nm    | nm    | nm    |
| Unity             | 11,761     | 11,876  | 5.9x  | 4.9x       | 4.4x  | nm    | 25.2x       | 17.7x | nm    | 33.4x     | 26.5x | nm    | nm    | nm    |
| DocuSign          | 10,843     | 10,715  | 4.3x  | 4.0x       | 3.5x  | 19.1x | 16.6x       | 14.9x | 21.2x | 18.7x     | 15.0x | nm    | nm    | 54.2x |
| Okta              | 10,328     | 10,243  | 5.2x  | 4.4x       | 3.4x  | nm    | nm          | na    | nm    | nm        | 43.3x | nm    | nm    | nm    |
| Bill.com          | 10,091     | 9,374   | 8.8x  | 6.9x       | 5.6x  | nm    | nm          | 40.2x | nm    | nm        | 48.0x | nm    | nm    | nm    |
| Paylocity Holding | 9,985      | 9,994   | 8.7x  | 7.2x       | 6.1x  | 28.4x | 22.8x       | 18.5x | 33.5x | 27.0x     | 22.3x | 76.8x | 59.4x | 42.8x |
| Dynatrace         | 9,847      | 9,587   | 8.1x  | 6.7x       | 5.5x  | 30.2x | 25.0x       | na    | 32.7x | 26.6x     | na    | nm    | 78.9x | 50.5x |
| Ceridian          | 9,600      | 10,405  | 7.8x  | 6.6x       | 5.7x  | 37.8x | 28.7x       | 22.6x | 52.7x | 37.7x     | 31.7x | nm    | nm    | 90.3x |
| Twilio            | 9,204      | 6,472   | 1.6x  | 1.3x       | 1.1x  | 18.9x | 13.8x       | na    | nm    | 38.4x     | 15.8x | nm    | nm    | nm    |
| Dropbox           | 7,506      | 8,270   | 3.7x  | 3.4x       | 3.5x  | 10.0x | 9.5x        | 8.9x  | 11.9x | 11.0x     | na    | 23.7x | 22.3x | 17.3x |
| UiPath            | 7,057      | 5,564   | 5.0x  | 4.2x       | 3.6x  | nm    | 33.2x       | 30.5x | nm    | 52.7x     | 31.8x | nm    | nm    | na    |
| Xero Limited      | 6,859      | 6,924   | 7.3x  | 6.2x       | 5.2x  | 33.2x | 25.1x       | 18.0x | nm    | 56.2x     | 35.7x | nm    | 81.1x | 44.4x |
| GitLab            | 6,220      | 5,410   | 10.1x | 7.4x       | na    | nm    | nm          | na    | nm    | nm        | na    | nm    | nm    | na    |
| Qualtrics         | 5,782      | 5,360   | 3.4x  | 2.9x       | 2.4x  | 36.9x | 24.2x       | na    | 60.9x | 34.2x     | 13.0x | nm    | nm    | na    |
| Confluent         | 5,403      | 4,644   | 6.6x  | 5.0x       | na    | nm    | nm          | na    | nm    | nm        | na    | nm    | nm    | na    |
| HashiCorp         | 5,084      | 3,920   | 7.3x  | 5.7x       | 4.3x  | nm    | nm          | na    | nm    | nm        | nm    | nm    | nm    | nm    |
| Sinch             | 3,942      | 4,853   | 1.7x  | 1.5x       | 1.3x  | 14.5x | 12.2x       | 9.8x  | 17.1x | 17.2x     | na    | 93.2x | 37.7x | na    |
| AppLovin          | 3,714      | 5,878   | 2.3x  | 2.0x       | 2.0x  | 5.9x  | 5.1x        | 4.6x  | 23.0x | 12.2x     | 7.9x  | 45.4x | 12.3x | 8.0x  |
| RingCentral       | 3,218      | 4,670   | 2.2x  | 1.9x       | 1.5x  | 11.7x | 9.2x        | 7.5x  | 14.0x | 11.0x     | 10.2x | nm    | nm    | nm    |
|                   |            | Median  | 6.6x  | 5.6x       | 4.3x  | 23.8x | 21.7x       | 17.8x | 28.1x | 26.6x     | 21.6x | 51.5x | 42.7x | 43.6x |
|                   |            | Average | 6.4x  | 5.3x       | 4.3x  | 24.2x | 21.7x       | 21.2x | 32.5x | 28.4x     | 29.1x | 52.6x | 47.1x | 45.7x |

#### Source: CapitalIQ

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Note: Financials calendarised to 31<sup>st</sup> December, market data as of 13<sup>th</sup> January 2023, "na" = not available "nm" refers to implied multiples in excess of 25x (EV/Sales), 50x (EV/EBITDA), 75x (EV/EBIT) or 100x (P/E)



## Sales growth rates & operating margins SaaS players (1/2)

|                           | Sa             | ales growth | 1     | EB    | SITDA marg | in    | I       | EBIT margi | in      | Net     | income m | argin   |       | CAGR 2 | 3E-25E |         |
|---------------------------|----------------|-------------|-------|-------|------------|-------|---------|------------|---------|---------|----------|---------|-------|--------|--------|---------|
| Companies                 | 2023E          | 2024E       | 2025E | 2023E | 2024E      | 2025E | 2023E   | 2024E      | 2025E   | 2023E   | 2024E    | 2025E   | Sales | EBITDA | EBIT   | N.I.    |
| SaaS                      |                |             |       |       |            |       |         |            |         |         |          |         |       |        |        |         |
| Salesforce                | 11.1%          | 12.6%       | 14.5% | 23.9% | 24.0%      | 22.8% | 22.2%   | 23.7%      | 25.7%   | 3.2%    | 5.1%     | 8.1%    | 13.5% | 10.8%  | 22.2%  | 80.4%   |
| ServiceNow                | 21.6%          | 22.4%       | 23.9% | 32.1% | 33.2%      | 32.5% | 26.2%   | 27.2%      | 28.4%   | 5.1%    | 6.0%     | 7.4%    | 23.2% | 24.0%  | 28.3%  | 47.9%   |
| Shopify                   | 20.6%          | 24.7%       | 32.2% | 0.9%  | 5.1%       | 6.5%  | (0.6%)  | 2.5%       | 6.5%    | (10.5%) | (7.3%)   | (1.4%)  | 28.4% | 256.2% | na     | (52.4%) |
| Snowflake                 | 48.4%          | 41.1%       | 49.0% | 7.6%  | 10.2%      | 11.1% | 5.2%    | 7.9%       | 9.2%    | (29.1%) | (20.2%)  | 2.4%    | 45.0% | 75.4%  | 93.6%  | na      |
| Block Inc.                | 14 <b>.9</b> % | 17.2%       | 16.5% | 6.4%  | 7.9%       | 8.9%  | (0.9%)  | 1.2%       | 3.1%    | (1.0%)  | 1.2%     | 3.1%    | 16.8% | 37.2%  | na     | na      |
| Workday                   | 17.4%          | 17.8%       | 18.5% | 26.5% | 28.1%      | 33.4% | 20.9%   | 22.3%      | 24.9%   | (2.3%)  | 0.8%     | 5.3%    | 18.1% | 32.5%  | 28.9%  | na      |
| Atlassian                 | 23.7%          | 25.8%       | 29.6% | 16.9% | 18.6%      | na    | 16.0%   | 18.0%      | 22.2%   | (8.1%)  | (5.5%)   | (0.4%)  | 27.7% | na     | 50.3%  | (73.1%) |
| Veeva                     | 12.8%          | 16.2%       | 13.6% | 38.7% | 39.4%      | 40.9% | 37.2%   | 38.0%      | 38.0%   | 18.5%   | 20.1%    | 20.9%   | 14.9% | 18.3%  | 16.3%  | 22.2%   |
| CrowdStrike               | 34.5%          | 30.5%       | 35.0% | 20.2% | 22.2%      | na    | 16.5%   | 18.4%      | 20.0%   | (5.0%)  | (1.6%)   | 3.5%    | 32.7% | na     | 46.2%  | na      |
| Datadog                   | 33.3%          | 34.9%       | 45.8% | 19.5% | 21.1%      | na    | 17.5%   | 19.0%      | 27.3%   | (3.1%)  | 0.5%     | 11.4%   | 40.3% | na     | 75.5%  | na      |
| DiDi                      | 1.5%           | na          | na    | na    | na         | na    | na      | na         | na      | na      | na       | na      | na    | na     | na     | na      |
| Zoom                      | 5.8%           | 5.9%        | 14.8% | 31.9% | 31.5%      | na    | 30.6%   | 30.3%      | 29.8%   | 0.5%    | 1.3%     | 11.0%   | 10.3% | na     | 8.7%   | 404.9%  |
| Roblox                    | 15.9%          | 14.8%       | 16.1% | 7.9%  | 9.5%       | 11.0% | (34.5%) | (31.7%)    | (24.3%) | (34.6%) | (32.7%)  | (24.6%) | 15.5% | 36.3%  | (3.1%) | (2.7%)  |
| Paycom                    | 22.9%          | 21.6%       | 18.9% | 41.3% | 42.1%      | 42.4% | 34.5%   | 35.1%      | 37.0%   | 20.3%   | 21.8%    | 24.7%   | 20.2% | 21.9%  | 24.6%  | 32.7%   |
| Check Point Software Tec. | 5.0%           | 4.1%        | 1.2%  | 45.0% | 44.7%      | na    | 44.3%   | 44.4%      | 43.3%   | 33.5%   | 33.1%    | 33.9%   | 2.7%  | na     | 1.5%   | 3.2%    |
| Zscaler                   | 34.9%          | 27.9%       | 38.4% | 16.3% | 18.4%      | na    | 12.7%   | 14.4%      | na      | (16.6%) | (13.9%)  | (8.1%)  | 33.1% | na     | na     | (7.0%)  |
| HubSpot                   | 20.5%          | 23.8%       | 23.8% | 12.2% | 13.6%      | 16.9% | 8.4%    | 10.2%      | 15.0%   | (7.6%)  | (5.1%)   | 1.8%    | 23.8% | 45.8%  | 65.1%  | na      |
| Splunk                    | 16.8%          | 18.1%       | 17.4% | 18.3% | 21.1%      | na    | 14.5%   | 17.3%      | 20.4%   | (10.9%) | (8.4%)   | 4.3%    | 17.8% | na     | 39.7%  | na      |
| Palantir                  | 21.2%          | 23.9%       | 50.8% | 22.3% | 25.5%      | na    | 20.3%   | 21.9%      | na      | (6.6%)  | 0.4%     | 11.2%   | 36.7% | na     | na     | na      |
| Cloudflare                | 35.1%          | 33.5%       | 43.1% | 13.6% | 13.5%      | 13.3% | 3.7%    | 4.9%       | 8.2%    | (16.4%) | (12.6%)  | (7.8%)  | 38.2% | 36.8%  | 104.7% | (4.5%)  |

12 "na" = not available

## Sales growth rates & operating margins SaaS players (2/2)

|                   | S      | ales growth    | I      | El      | BITDA marg | in    | I       | EBIT margi | n      | Net     | income m | argin   |       | CAGR 2 | 23E-25E |                |
|-------------------|--------|----------------|--------|---------|------------|-------|---------|------------|--------|---------|----------|---------|-------|--------|---------|----------------|
| Companies         | 2023E  | 2024E          | 2025E  | 2023E   | 2024E      | 2025E | 2023E   | 2024E      | 2025E  | 2023E   | 2024E    | 2025E   | Sales | EBITDA | EBIT    | N.I.           |
| SaaS              |        |                |        |         |            |       |         |            |        |         |          |         |       |        |         |                |
| MongoDB           | 26.4%  | 27.9%          | 31.6%  | 4.6%    | 6.8%       | 11.6% | 3.4%    | 5.3%       | 8.3%   | (26.0%) | (20.7%)  | (5.4%)  | 29.7% | 106.2% | 101.3%  | (40.8%)        |
| Unity             | 58.8%  | 19.2%          | 13.2%  | 10.0%   | 19.6%      | 24.7% | 7.2%    | 14.8%      | 16.5%  | (31.2%) | (21.9%)  | (14.7%) | 16.2% | 82.4%  | 76.1%   | (20.3%)        |
| DocuSign          | 8.6%   | 8.9%           | 14.7%  | 22.7%   | 24.0%      | 23.2% | 20.4%   | 21.3%      | 23.1%  | (3.5%)  | (1.8%)   | 6.5%    | 11.8% | 13.1%  | 19.0%   | na             |
| Okta              | 19.6%  | 18.6%          | 27.4%  | 3.5%    | 7.3%       | na    | 2.1%    | 5.4%       | 7.9%   | (34.8%) | (27.7%)  | (20.4%) | 22.9% | na     | 137.1%  | (6.0%)         |
| Bill.com          | 39.8%  | 28.6%          | 23.8%  | 7.8%    | 10.5%      | 13.8% | 5.0%    | 7.2%       | 11.6%  | (27.9%) | (18.8%)  | (8.5%)  | 26.2% | 68.0%  | 91.5%   | (30.5%)        |
| Paylocity Holding | 26.3%  | 20.1%          | 18.3%  | 30.5%   | 31.6%      | 32.9% | 25.8%   | 26.7%      | 27.3%  | 11.3%   | 12.1%    | 14.2%   | 19.2% | 23.8%  | 22.6%   | 33.9%          |
| Dynatrace         | 19.6%  | 21.0%          | 20.2%  | 26.7%   | 26.7%      | na    | 24.7%   | 25.0%      | na     | 6.3%    | 8.7%     | 11.3%   | 20.6% | na     | na      | 61.8%          |
| Ceridian          | 17.2%  | 16 <b>.9</b> % | 16.0%  | 20.6%   | 23.2%      | 25.4% | 14.8%   | 17.6%      | 18.1%  | 0.3%    | 2.1%     | 5.9%    | 16.5% | 29.5%  | 28.9%   | 437.1%         |
| Twilio            | 16.7%  | 18.6%          | 18.6%  | 8.4%    | 9.6%       | na    | 1.4%    | 3.5%       | 7.1%   | (25.6%) | (23.0%)  | (13.1%) | 18.6% | na     | 170.4%  | (15.1%)        |
| Dropbox           | 5.6%   | 6.3%           | (1.3%) | 36.5%   | 36.2%      | 39.1% | 30.8%   | 31.3%      | na     | 14.0%   | 14.0%    | 18.2%   | 2.4%  | 6.1%   | na      | 1 <b>6.9</b> % |
| UiPath            | 17.9%  | 18.9%          | 18.6%  | 7.7%    | 12.7%      | 11.7% | 5.7%    | 8.0%       | 11.2%  | (21.6%) | (16.4%)  | na      | 18.7% | 46.6%  | 66.7%   | na             |
| Xero Limited      | 21.4%  | 18.0%          | 17.9%  | 21.9%   | 24.6%      | 29.0% | 7.6%    | 11.0%      | 14.7%  | 4.7%    | 7.5%     | 11.7%   | 17.9% | 35.8%  | 64.2%   | 85.6%          |
| GitLab            | 41.6%  | 37.1%          | na     | (14.6%) | (3.9%)     | na    | (16.2%) | (7.6%)     | na     | (39.8%) | (26.3%)  | na      | na    | na     | na      | na             |
| Qualtrics         | 16.6%  | 17.8%          | 22.2%  | 9.3%    | 12.0%      | na    | 5.6%    | 8.5%       | 18.3%  | (52.8%) | (36.0%)  | na      | 20.0% | na     | 116.4%  | na             |
| Confluent         | 32.2%  | 31.9%          | na     | (18.9%) | (3.9%)     | na    | (20.8%) | (6.2%)     | na     | (57.7%) | (38.7%)  | na      | na    | na     | na      | na             |
| HashiCorp         | 28.7%  | 28.4%          | 31.2%  | (25.1%) | (16.1%)    | na    | (26.3%) | (17.2%)    | (7.5%) | (55.5%) | (41.6%)  | (28.2%) | 29.8% | na     | (30.9%) | (7.4%)         |
| Sinch             | 13.1%  | 12.9%          | 18.2%  | 11.7%   | 12.4%      | 13.0% | 9.9%    | 8.8%       | na     | 1.5%    | 3.2%     | na      | 15.5% | 21.6%  | na      | na             |
| AppLovin          | (0.0%) | 10.7%          | 3.9%   | 38.1%   | 40.3%      | 42.4% | 9.8%    | 16.8%      | 24.9%  | 3.1%    | 10.5%    | 15.4%   | 7.2%  | 13.1%  | 70.9%   | 137.7%         |
| RingCentral       | 17.3%  | 16.6%          | 20.3%  | 18.5%   | 20.1%      | 20.4% | 15.5%   | 16.8%      | 15.1%  | (12.6%) | (11.8%)  | (5.2%)  | 18.4% | 24.4%  | 17.0%   | (24.0%)        |
| Median            | 19.6%  | 19.1%          | 18.7%  | 17.6%   | 19.8%      | 22.8% | 11.3%   | 15.8%      | 18.1%  | (7.1%)  | (3.5%)   | 4.3%    | 19.0% | 32.5%  | 46.2%   | 0.3%           |
| Average           | 21.7%  | 20.9%          | 22.7%  | 16.3%   | 19.0%      | 22.9% | 11.1%   | 13.7%      | 17.1%  | (11.0%) | (6.4%)   | 2.9%    | 21.4% | 46.3%  | 53.6%   | 45.0%          |



## Implied multiples Supply chain management

|                         | Market cap | EV      |       | EV / Sales |       |       | EV / EBITDA |       |       | EV / EBIT |       |       | P/E   |       |
|-------------------------|------------|---------|-------|------------|-------|-------|-------------|-------|-------|-----------|-------|-------|-------|-------|
| Companies               | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E       | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| Supplychain & Logistics |            |         |       |            |       |       |             |       |       |           |       |       |       |       |
| Dassault Systémes       | 46,801     | 47,024  | 7.7x  | 7.0x       | 6.3x  | 20.1x | 18.3x       | na    | 22.9x | 20.7x     | 18.8x | 42.1x | 35.4x | 31.1x |
| Aspen                   | 11,975     | 11,954  | 10.5x | 9.2x       | 7.7x  | 22.0x | 18.7x       | 15.5x | 23.1x | 20.5x     | na    | nm    | 84.6x | 46.8x |
| WiseTech Global         | 10,825     | 10,538  | 19.1x | 15.7x      | 12.8x | 35.9x | 28.7x       | 23.2x | 42.8x | 33.5x     | 27.1x | 60.4x | 47.5x | 38.6x |
| Manhatten Associates    | 7,059      | 6,899   | 9.2x  | 8.2x       | 7.2x  | 34.6x | 30.3x       | 24.2x | 35.8x | 31.1x     | na    | 67.8x | 57.5x | 41.3x |
| Descartes               | 5,564      | 5,348   | 10.9x | 9.9x       | 8.5x  | 24.4x | 21.8x       | 19.1x | 37.3x | 30.7x     | 27.5x | 53.6x | 45.2x | 38.1x |
| SPS Commerce            | 4,427      | 4,225   | 8.7x  | 7.6x       | na    | 30.0x | 25.2x       | na    | 34.8x | 29.5x     | na    | 82.7x | 67.2x | na    |
| Kinaxis                 | 2,721      | 2,555   | 6.6x  | 5.7x       | 4.5x  | 38.9x | 30.6x       | na    | nm    | 70.7x     | 31.0x | nm    | nm    | 42.5x |
| American Software       | 463        | 365     | 3.0x  | 2.8x       | na    | 18.6x | 16.2x       | na    | 21.4x | na        | na    | 45.7x | 44.1x | na    |
| Tecsys                  | 280        | 261     | 2.4x  | 2.2x       | na    | 32.5x | 17.3x       | na    | 47.7x | na        | na    | 63.7x | na    | na    |
|                         |            | Median  | 8.7x  | 7.6x       | 7.4x  | 30.0x | 21.8x       | 21.2x | 35.3x | 30.7x     | 27.3x | 60.4x | 47.5x | 39.9x |
|                         |            | Average | 8.7x  | 7.6x       | 7.8x  | 28.6x | 23.0x       | 20.5x | 33.2x | 33.8x     | 26.1x | 59.4x | 54.5x | 39.7x |



### Sales growth rates & operating margins Supply chain management

|                         | S     | ales growt | h     | EE    | SITDA mar      | gin   |       | EBIT marg | gin   | Net   | income m | argin |       | CAGR   | 23E-25E |        |
|-------------------------|-------|------------|-------|-------|----------------|-------|-------|-----------|-------|-------|----------|-------|-------|--------|---------|--------|
| Companies               | 2023E | 2024E      | 2025E | 2023E | 2024E          | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E    | 2025E | Sales | EBITDA | EBIT    | N.I.   |
| Supplychain & Logistics |       |            |       |       |                |       |       |           |       |       |          |       |       |        |         |        |
| Dassault Systémes       | 8.6%  | 9.2%       | 11.8% | 38.2% | 38.4%          | na    | 33.5% | 34.0%     | 33.4% | 18.2% | 19.8%    | 20.1% | 10.5% | na     | 10.3%   | 16.3%  |
| Aspen                   | 44.5% | 13.5%      | 20.2% | 47.5% | 49.4%          | 49.4% | 45.3% | 44.9%     | na    | 1.5%  | 10.9%    | 16.4% | 16.8% | 19.0%  | na      | 282.9% |
| WiseTech Global         | 22.1% | 21.2%      | 23.3% | 53.1% | 54 <b>.9</b> % | 55.0% | 44.5% | 47.0%     | 47.2% | 32.4% | 34.0%    | 34.0% | 22.2% | 24.4%  | 25.8%   | 25.2%  |
| Manhatten Associates    | 8.2%  | 11.6%      | 14.1% | 26.5% | 27.1%          | 29.7% | 25.6% | 26.4%     | na    | 13.9% | 14.6%    | 17.9% | 12.8% | 19.5%  | na      | 28.1%  |
| Descartes               | 10.6% | 11.0%      | 15.4% | 44.9% | 45.3%          | 44.8% | 29.4% | 32.1%     | 31.1% | 21.2% | 22.7%    | 23.4% | 13.2% | 13.1%  | 16.4%   | 18.7%  |
| SPS Commerce            | 16.7% | 14.5%      | na    | 29.1% | 30.2%          | na    | 25.0% | 25.8%     | na    | 11.0% | 11.9%    | na    | na    | na     | na      | na     |
| Kinaxis                 | 12.2% | 16.3%      | 26.8% | 17.0% | 18.6%          | na    | 4.0%  | 8.1%      | 14.5% | 2.1%  | 4.0%     | 11.3% | 21.4% | na     | 130.8%  | 182.4% |
| American Software       | 4.5%  | 7.6%       | na    | 16.1% | 17.2%          | na    | 14.0% | na        | na    | 8.3%  | 8.0%     | na    | na    | na     | na      | na     |
| Tecsys                  | 9.3%  | 11.3%      | na    | 7.4%  | 12.5%          | na    | 5.1%  | na        | na    | 4.1%  | na       | na    | na    | na     | na      | na     |
| Median                  | 10.6% | 11.6%      | 17.8% | 29.1% | 30.2%          | 47.1% | 25.6% | 32.1%     | 32.2% | 11.0% | 13.3%    | 19.0% | 15.0% | 19.3%  | 21.1%   | 26.7%  |
| Average                 | 15.2% | 12.9%      | 18.6% | 31.1% | 32.6%          | 44.7% | 25.2% | 31.2%     | 31.5% | 12.5% | 15.7%    | 20.5% | 16.2% | 19.0%  | 45.8%   | 92.3%  |



### Implied multiples PLM & Engineering

|                    | Market cap | EV      |       | EV / Sales |       |       | EV / EBITDA |       |     |    | EV / EBIT |       |       | P / E |       |
|--------------------|------------|---------|-------|------------|-------|-------|-------------|-------|-----|----|-----------|-------|-------|-------|-------|
| Companies          | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E       | 2025E | 202 | 3E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| PLM & Engineering  |            |         |       |            |       |       |             |       |     |    |           |       |       |       |       |
| Dassault Systémes  | 46,801     | 47,024  | 7.7x  | 7.0x       | 6.3x  | 20.1x | 18.3x       | na    | 22. | 9x | 20.7x     | 18.8x | 42.1x | 35.4x | 31.1x |
| Cadence Design     | 42,916     | 42,705  | 10.9x | 9.9x       | 8.8x  | 23.5x | 20.7x       | na    | 26. | 1x | 22.2x     | na    | 44.9x | 34.8x | 28.6x |
| Autodesk           | 40,004     | 41,142  | 8.2x  | 7.3x       | 6.4x  | 21.7x | 19.0x       | 15.6x | 22. | 7x | 19.6x     | 16.5x | 48.4x | 38.0x | 26.7x |
| Hexagon            | 28,769     | 32,204  | 6.1x  | 5.6x       | 5.4x  | 16.4x | 14.9x       | 13.4x | 21. | 3x | 19.2x     | 18.1x | 25.4x | 22.6x | 21.6x |
| ANSYS              | 20,460     | 20,691  | 10.2x | 9.4x       | 8.5x  | 23.0x | 21.3x       | na    | 24. | 4x | 22.2x     | 18.0x | 42.6x | 38.5x | 30.0x |
| PTC                | 14,163     | 15,335  | 7.7x  | 6.9x       | na    | 19.1x | 16.9x       | na    | 21. | 2x | 18.5x     | na    | 40.6x | 34.1x | na    |
| Trimble            | 12,426     | 13,705  | 3.8x  | 3.7x       | na    | 14.5x | 13.4x       | na    | 16. | 0x | 15.1x     | na    | 25.3x | 22.7x | na    |
| Bentley Systems    | 10,880     | 12,500  | 11.3x | 10.1x      | 8.9x  | 32.7x | 28.3x       | 24.4x | 35. | 1x | 29.8x     | 25.5x | 60.5x | 49.0x | 36.5x |
| Nemetschek         | 6,299      | 6,271   | 7.3x  | 6.4x       | 5.6x  | 23.2x | 19.9x       | 17.8x | 28. | 3x | 23.6x     | 19.0x | 37.0x | 30.5x | 24.2x |
| Altair Engineering | 3,687      | 3,726   | 6.7x  | 6.2x       | 5.6x  | 36.3x | 30.0x       | na    | 40. | 0x | 33.0x     | na    | nm    | nm    | na    |
|                    |            | Median  | 7.7x  | 7.0x       | 6.4x  | 22.4x | 19.5x       | 16.7x | 23. | 6x | 21.4x     | 18.5x | 42.1x | 34.8x | 28.6x |
|                    |            | Average | 8.0x  | 7.3x       | 6.9x  | 23.0x | 20.3x       | 17.8x | 25. | 8x | 22.4x     | 19.3x | 40.8x | 34.0x | 28.4x |



## Sales growth rates & operating margins PLM & Engineering

|                    | Si    | ales growth | n     | EI    | BITDA marg | gin   | I     | EBIT margi | in    | Net    | income m | argin |       | CAGR 2 | 3E-25E |       |
|--------------------|-------|-------------|-------|-------|------------|-------|-------|------------|-------|--------|----------|-------|-------|--------|--------|-------|
| Companies          | 2023E | 2024E       | 2025E | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E | 2023E  | 2024E    | 2025E | Sales | EBITDA | EBIT   | N.I.  |
| PLM & Engineering  |       |             |       |       |            |       |       |            |       |        |          |       |       |        |        |       |
| Dassault Systémes  | 8.6%  | 9.2%        | 11.8% | 38.2% | 38.4%      | na    | 33.5% | 34.0%      | 33.4% | 18.2%  | 19.8%    | 20.1% | 10.5% | na     | 10.3%  | 16.3% |
| Cadence Design     | 10.7% | 9.7%        | 12.8% | 46.2% | 47.7%      | na    | 41.6% | 44.5%      | na    | 24.3%  | 28.5%    | 30.8% | 11.2% | na     | na     | 25.3% |
| Autodesk           | 9.5%  | 11.9%       | 14.3% | 37.8% | 38.6%      | 41.2% | 36.2% | 37.4%      | 38.9% | 16.5%  | 18.8%    | 23.4% | 13.1% | 18.0%  | 17.4%  | 34.5% |
| Hexagon            | 4.2%  | 7.7%        | 4.3%  | 37.0% | 37.8%      | 40.4% | 28.4% | 29.3%      | 29.8% | 21.3%  | 22.2%    | 22.3% | 6.0%  | 10.7%  | 8.5%   | 8.4%  |
| ANSYS              | 7.9%  | 8.8%        | 10.7% | 44.4% | 44.1%      | na    | 42.0% | 42.3%      | 47.2% | 23.7%  | 24.2%    | 28.0% | 9.7%  | na     | 16.3%  | 19.2% |
| PTC                | 8.7%  | 11.7%       | na    | 40.5% | 41.1%      | na    | 36.6% | 37.5%      | na    | 17.6%  | 18.8%    | na    | na    | na     | na     | na    |
| Trimble            | 5.5%  | 2.4%        | na    | 26.3% | 27.8%      | na    | 23.8% | 24.6%      | na    | 13.6%  | 14.8%    | na    | na    | na     | na     | na    |
| Bentley Systems    | 9.3%  | 11.5%       | 13.7% | 34.7% | 35.9%      | 36.6% | 32.3% | 34.0%      | 35.0% | 16.3%  | 18.0%    | 21.3% | 12.6% | 15.7%  | 17.4%  | 28.7% |
| Nemetschek         | 7.7%  | 12.7%       | 14.6% | 31.3% | 32.3%      | 31.6% | 25.6% | 27.3%      | 29.6% | 19.7%  | 21.2%    | 23.3% | 13.6% | 14.1%  | 22.1%  | 23.6% |
| Altair Engineering | 7.9%  | 7.8%        | 11.2% | 18.5% | 20.7%      | na    | 16.8% | 18.9%      | na    | (5.5%) | (3.0%)   | na    | 9.5%  | na     | na     | na    |
| Median             | 8.3%  | 9.4%        | 12.3% | 37.4% | 38.1%      | 38.5% | 32.9% | 34.0%      | 34.2% | 17.9%  | 19.3%    | 23.3% | 10.9% | 14.9%  | 16.8%  | 23.6% |
| Average            | 8.0%  | 9.3%        | 11.7% | 35.5% | 36.4%      | 37.4% | 31.7% | 33.0%      | 35.7% | 16.6%  | 18.3%    | 24.2% | 10.8% | 14.6%  | 15.3%  | 22.3% |



## Implied multiples Human Capital Management

| -                         | Market cap | EV      |       | EV / Sales |       |       | EV / EBITD | A     |   |       | EV / EBIT |       |           | P / E |       |
|---------------------------|------------|---------|-------|------------|-------|-------|------------|-------|---|-------|-----------|-------|-----------|-------|-------|
| Companies                 | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E |   | 2023E | 2024E     | 2025E | <br>2023E | 2024E | 2025E |
| Human Capital Management  |            |         |       |            |       |       |            |       |   |       |           |       |           |       |       |
| Automatic Data Processing | 94,077     | 96,261  | 5.6x  | 5.3x       | 4.9x  | 20.2x | 18.5x      | 17.3x |   | 22.4x | 20.6x     | 19.1x | 28.8x     | 26.3x | 24.5x |
| Paychex                   | 40,085     | 39,727  | 8.3x  | 7.9x       | 7.4x  | 18.6x | 17.2x      | 15.8x |   | 20.4x | 19.0x     | 17.7x | 27.0x     | 25.4x | 23.3x |
| Workday                   | 39,708     | 37,646  | 5.7x  | 4.8x       | 4.1x  | 21.4x | 17.2x      | 12.2x |   | 27.1x | 21.6x     | 16.3x | nm        | nm    | 80.9x |
| Paycom                    | 16,284     | 16,018  | 10.3x | 8.4x       | 7.1x  | 24.9x | 20.1x      | 16.7x |   | 29.8x | 24.1x     | 19.2x | 51.5x     | 39.4x | 29.2x |
| Paylocity                 | 9,985      | 9,994   | 8.7x  | 7.2x       | 6.1x  | 28.4x | 22.8x      | 18.5x |   | 33.5x | 27.0x     | 22.3x | 76.8x     | 59.4x | 42.8x |
| Ceridian                  | 9,600      | 10,405  | 7.8x  | 6.6x       | 5.7x  | 37.8x | 28.7x      | 22.6x |   | 52.7x | 37.7x     | 31.7x | nm        | nm    | 90.3x |
| Benefitfocus              | 334        | 538     | 2.3x  | 2.2x       | 2.1x  | 13.1x | 9.6x       | 9.0x  |   | 28.6x | 18.4x     | 17.1x | nm        | na    | na    |
|                           |            |         |       |            |       | 1     |            |       | _ |       |           |       |           |       |       |
|                           |            | Median  | 7.8x  | 6.6x       | 5.7x  | 21.4x | 18.5x      | 16.7x |   | 28.6x | 21.6x     | 19.1x | 40.1x     | 32.9x | 36.0x |
|                           |            | Average | 6.9x  | 6.1x       | 5.3x  | 23.5x | 19.1x      | 16.0x | L | 30.6x | 24.1x     | 20.5x | 46.0x     | 37.6x | 48.5x |



#### Sales growth rates & operating margins Human Capital Management

| I                         |       | ~          | ,     |       |           |       |       |          |       |     |       |          |       |   |       |        |         |        |
|---------------------------|-------|------------|-------|-------|-----------|-------|-------|----------|-------|-----|-------|----------|-------|---|-------|--------|---------|--------|
|                           | S     | ales growt | h     | E     | BITDA mar | gin   |       | EBIT mar | gin   |     | Net i | income m | argin |   |       | CAGR 2 | 23E-25E |        |
| Companies                 | 2023E | 2024E      | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E    | 2025E | 2   | 023E  | 2024E    | 2025E |   | Sales | EBITDA | EBIT    | N.I.   |
| Human Capital Management  |       |            |       |       |           |       |       |          |       |     |       |          |       |   |       |        |         |        |
| Automatic Data Processing | 7.7%  | 6.8%       | 6.4%  | 27.9% | 28.4%     | 28.6% | 25.1% | 25.6%    | 25.9% | 19  | .1%   | 19.5%    | 19.7% |   | 6.6%  | 8.1%   | 8.4%    | 8.5%   |
| Paychex                   | 6.8%  | 6.0%       | 6.7%  | 44.9% | 45.6%     | 46.7% | 40.9% | 41.4%    | 41.7% | 31  | .1%   | 31.2%    | 32.0% |   | 6.4%  | 8.4%   | 7.4%    | 7.7%   |
| Workday                   | 17.4% | 17.8%      | 18.5% | 26.5% | 28.1%     | 33.4% | 20.9% | 22.3%    | 24.9% | (2. | 3%)   | 0.8%     | 5.3%  | 1 | 18.1% | 32.5%  | 28.9%   | na     |
| Paycom                    | 22.9% | 21.6%      | 18.9% | 41.3% | 42.1%     | 42.4% | 34.5% | 35.1%    | 37.0% | 20  | .3%   | 21.8%    | 24.7% | 2 | 20.2% | 21.9%  | 24.6%   | 32.7%  |
| Paylocity                 | 26.3% | 20.1%      | 18.3% | 30.5% | 31.6%     | 32.9% | 25.8% | 26.7%    | 27.3% | 11  | .3%   | 12.1%    | 14.2% | 1 | 19.2% | 23.8%  | 22.6%   | 33.9%  |
| Ceridian                  | 17.2% | 16.9%      | 16.0% | 20.6% | 23.2%     | 25.4% | 14.8% | 17.6%    | 18.1% | C   | .3%   | 2.1%     | 5.9%  | 1 | 16.5% | 29.5%  | 28.9%   | 437.1% |
| Benefitfocus              | 1.8%  | 3.0%       | 5.4%  | 17.2% | 22.9%     | 23.2% | 7.9%  | 11.9%    | 12.2% | (6. | 1%)   | na       | na    |   | 4.2%  | 20.9%  | 29.3%   | na     |
| Median                    | 17.2% | 16.9%      | 16.0% | 27.9% | 28.4%     | 32.9% | 25.1% | 25.6%    | 25.9% | 11  | .3%   | 15.8%    | 17.0% | 1 | 6.5%  | 21.9%  | 24.6%   | 32.7%  |
| Average                   | 14.3% | 13.2%      | 12.9% | 29.8% | 31.7%     | 33.2% | 24.3% | 25.8%    | 26.7% | 10  | .5%   | 14.6%    | 17.0% | 1 | 13.0% | 20.7%  | 21.5%   | 104.0% |



19 "na" = not available

## Implied multiples ERP & General Business

|                        | Market cap | EV      |       | EV / Sales |       | 1     | EV / EBITD | Α     |     |       | EV / EBIT |       |       | P / E |       |
|------------------------|------------|---------|-------|------------|-------|-------|------------|-------|-----|-------|-----------|-------|-------|-------|-------|
| Companies              | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E |     | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| ERP & General Business |            |         |       |            |       |       |            |       |     |       |           |       |       |       |       |
| Salesforce             | 136,948    | 139,468 | 4.4x  | 3.9x       | 3.4x  | 18.5x | 16.4x      | 15.1x |     | 20.0x | 16.6x     | 13.4x | nm    | 75.1x | 41.5x |
| Shopify                | 45,727     | 42,360  | 6.9x  | 5.5x       | 4.2x  | nm    | nm         | nm    |     | nm    | nm        | 64.6x | nm    | nm    | nm    |
| Workday                | 39,708     | 37,646  | 5.7x  | 4.8x       | 4.1x  | 21.4x | 17.2x      | 12.2x |     | 27.1x | 21.6x     | 16.3x | nm    | nm    | 80.9x |
| Constellation          | 33,043     | 34,516  | 4.9x  | 4.3x       | na    | 18.6x | 16.2x      | na    |     | 31.2x | 29.9x     | na    | 82.3x | 72.2x | na    |
| Paycom                 | 16,284     | 16,018  | 10.3x | 8.4x       | 7.1x  | 24.9x | 20.1x      | 16.7x |     | 29.8x | 24.1x     | 19.2x | 51.5x | 39.4x | 29.2x |
| Paylocity              | 9,985      | 9,994   | 8.7x  | 7.2x       | 6.1x  | 28.4x | 22.8x      | 18.5x |     | 33.5x | 27.0x     | 22.3x | 76.8x | 59.4x | 42.8x |
| Ceridian               | 9,600      | 10,405  | 7.8x  | 6.6x       | 5.7x  | 37.8x | 28.7x      | 22.6x |     | 52.7x | 37.7x     | 31.7x | nm    | nm    | 90.3x |
| Sage Group             | 8,912      | 9,760   | 3.9x  | 3.7x       | 3.4x  | 16.7x | 15.2x      | 14.3x |     | 19.3x | 17.3x     | 16.0x | 26.5x | 23.7x | 22.1x |
| Manhattan Associates   | 7,059      | 6,899   | 9.2x  | 8.2x       | 7.2x  | 34.6x | 30.3x      | 24.2x |     | 35.8x | 31.1x     | na    | 67.8x | 57.5x | 41.3x |
| Descartes Systems      | 5,564      | 5,348   | 10.9x | 9.9x       | 8.5x  | 24.4x | 21.8x      | 19.1x |     | 37.3x | 30.7x     | 27.5x | 53.6x | 45.2x | 38.1x |
| Smartsheet             | 5,142      | 4,805   | 5.5x  | 4.3x       | 3.6x  | nm    | nm         | 22.8x |     | nm    | nm        | 31.5x | nm    | nm    | na    |
| Monday.com             | 4,832      | 4,122   | 6.7x  | 5.1x       | 3.8x  | nm    | nm         | na    |     | nm    | nm        | nm    | nm    | nm    | nm    |
| SPS Commerce           | 4,427      | 4,225   | 8.7x  | 7.6x       | na    | 30.0x | 25.2x      | na    |     | 34.8x | 29.5x     | na    | 82.7x | 67.2x | na    |
| Workiva                | 4,351      | 4,296   | 7.5x  | 6.2x       | 5.3x  | nm    | nm         | na    |     | nm    | nm        | na    | nm    | nm    | na    |
| Ziff Davis             | 3,665      | 4,020   | 3.0x  | 2.8x       | na    | 8.2x  | 7.6x       | na    |     | 9.7x  | na        | na    | 18.3x | 15.6x | na    |
| Technology One         | 2,817      | 2,726   | 9.8x  | 8.7x       | 7.7x  | 22.9x | 19.7x      | 17.1x |     | 31.4x | 27.1x     | 23.3x | 42.6x | 36.6x | 31.5x |
| Enghouse Systems       | 1,500      | 1,358   | 4.4x  | na         | na    | 13.3x | na         | na    |     | 19.1x | na        | na    | 25.6x | na    | na    |
| C3.ai                  | 1,289      | 542     | 2.0x  | 1.7x       | 1.3x  | nm    | nm         | na    |     | nm    | nm        | 38.2x | nm    | nm    | na    |
| BigCommerce            | 696        | 736     | 2.5x  | 2.1x       | na    | nm    | nm         | na    |     | nm    | nm        | na    | nm    | nm    | na    |
|                        |            | Median  | 6.7x  | 5.3x       | 4.8x  | 22.9x | 19.9x      | 17.8x | 1 [ | 31.2x | 27.1x     | 23.3x | 52.6x | 51.3x | 41.3x |
|                        |            | Average | 6.5x  | 5.6x       | 5.1x  | 23.1x | 20.1x      | 18.3x |     | 29.4x | 26.6x     | 27.6x | 52.8x | 49.2x | 46.4x |

#### Source: CapitalIQ

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Note: Financials calendarised to 31<sup>st</sup> December, market data as of 13<sup>th</sup> January 2023, "na" = not available "nm" refers to implied multiples in excess of 25x (EV/Sales), 50x (EV/EBITDA), 75x (EV/EBIT) or 100x (P/E)



### Sales growth rates & operating margins ERP & General Business

|                        | Sa    | ales growt | h     | EB      | ITDA marg | gin   | E       | BIT marg | in     | Net     | income m | nargin       |       | CAGR 2         | 23E-25E |         |
|------------------------|-------|------------|-------|---------|-----------|-------|---------|----------|--------|---------|----------|--------------|-------|----------------|---------|---------|
| Companies              | 2023E | 2024E      | 2025E | 2023E   | 2024E     | 2025E | 2023E   | 2024E    | 2025E  | 2023E   | 2024E    | 2025E        | Sales | EBITDA         | EBIT    | N.I.    |
| ERP & General Business |       |            |       |         |           |       |         |          |        |         |          |              |       |                |         |         |
| Salesforce             | 11.1% | 12.6%      | 14.5% | 23.9%   | 24.0%     | 22.8% | 22.2%   | 23.7%    | 25.7%  | 3.3%    | 5.1%     | 8.1%         | 13.5% | 10.8%          | 22.2%   | 79.5%   |
| Shopify                | 20.6% | 24.7%      | 32.2% | 0.9%    | 5.1%      | 6.5%  | (0.6%)  | 2.5%     | 6.5%   | (10.5%) | (7.3%)   | (1.4%)       | 28.4% | 256.2%         | na      | (52.4%) |
| Workday                | 17.4% | 17.8%      | 18.5% | 26.5%   | 28.1%     | 33.4% | 20.9%   | 22.3%    | 24.9%  | (2.3%)  | 0.8%     | 5.3%         | 18.1% | 32.5%          | 28.9%   | na      |
| Constellation          | 15.7% | 14.5%      | na    | 26.3%   | 26.3%     | na    | 15.6%   | 14.2%    | na     | 5.7%    | 5.6%     | na           | na    | na             | na      | na      |
| Paycom                 | 22.9% | 21.6%      | 18.9% | 41.3%   | 42.1%     | 42.4% | 34.5%   | 35.1%    | 37.0%  | 20.3%   | 21.8%    | 24.7%        | 20.2% | 21.9%          | 24.6%   | 32.7%   |
| Paylocity              | 26.3% | 20.1%      | 18.3% | 30.5%   | 31.6%     | 32.9% | 25.8%   | 26.7%    | 27.3%  | 11.3%   | 12.1%    | 14.2%        | 19.2% | 23.8%          | 22.6%   | 33.9%   |
| Ceridian               | 17.2% | 16.9%      | 16.0% | 20.6%   | 23.2%     | 25.4% | 14.8%   | 17.6%    | 18.1%  | 0.3%    | 2.1%     | <b>5.9</b> % | 16.5% | 29.5%          | 28.9%   | 437.1%  |
| Sage Group             | 9.8%  | 7.9%       | 8.8%  | 23.5%   | 24.0%     | 23.4% | 20.4%   | 21.2%    | 20.9%  | 13.6%   | 14.1%    | 13.9%        | 8.4%  | 8.1%           | 9.8%    | 9.6%    |
| Manhattan Associates   | 8.2%  | 11.6%      | 14.1% | 26.5%   | 27.1%     | 29.7% | 25.6%   | 26.4%    | na     | 13.9%   | 14.6%    | 17.9%        | 12.8% | 19.5%          | na      | 28.1%   |
| Descartes Systems      | 10.6% | 11.0%      | 15.4% | 44.9%   | 45.3%     | 44.8% | 29.4%   | 32.1%    | 31.1%  | 21.2%   | 22.7%    | 23.4%        | 13.2% | 13.1%          | 16.4%   | 18.7%   |
| Smartsheet             | 27.2% | 26.5%      | 21.6% | 0.5%    | 3.7%      | 15.7% | (1.5%)  | 1.8%     | 11.4%  | (23.7%) | (19.7%)  | na           | 24.0% | 600.6%         | na      | na      |
| Monday.com             | 29.8% | 31.5%      | 34.3% | (9.5%)  | (3.8%)    | na    | (11.9%) | (5.8%)   | (2.0%) | (28.7%) | (21.4%)  | (20.0%)      | 32.9% | na             | (45.8%) | 11.0%   |
| SPS Commerce           | 16.7% | 14.5%      | na    | 29.1%   | 30.2%     | na    | 25.0%   | 25.8%    | na     | 11.0%   | 11.9%    | na           | na    | na             | na      | na      |
| Workiva                | 16.5% | 20.5%      | 16.1% | 1.1%    | 6.8%      | na    | (0.1%)  | 5.4%     | na     | (12.1%) | (11.0%)  | na           | 18.3% | na             | na      | na      |
| Ziff Davis             | 3.7%  | 7.5%       | na    | 36.9%   | 36.8%     | na    | 31.0%   | na       | na     | 15.0%   | 16.4%    | na           | na    | na             | na      | na      |
| Technology One         | 13.3% | 12.8%      | 12.8% | 43.0%   | 44.4%     | 45.1% | 31.3%   | 32.2%    | 33.2%  | 23.8%   | 24.6%    | 25.4%        | 12.8% | 15.5%          | 16.2%   | 16.3%   |
| Enghouse Systems       | 4.5%  | na         | na    | 32.9%   | na        | na    | 23.0%   | na       | na     | 18.9%   | na       | na           | na    | na             | na      | na      |
| C3.ai                  | 14.8% | 19.6%      | 27.6% | (20.1%) | (8.0%)    | na    | (21.6%) | (7.9%)   | 3.4%   | (93.5%) | (71.3%)  | na           | 23.5% | na             | na      | na      |
| BigCommerce            | 14.4% | 17.8%      | na    | (5.5%)  | 0.8%      | na    | (8.1%)  | (0.8%)   | na     | (22.4%) | (16.3%)  | na           | na    | na             | na      | na      |
| Median                 | 15.7% | 17.3%      | 17.2% | 26.3%   | 25.2%     | 29.7% | 20.9%   | 21.2%    | 22.9%  | 5.7%    | 5.4%     | 13.9%        | 18.2% | 21 <b>.9</b> % | 22.2%   | 23.4%   |
| Average                | 15.8% | 17.2%      | 19.2% | 19.6%   | 21.5%     | 29.3% | 14.5%   | 16.0%    | 19.8%  | (1.8%)  | 0.3%     | 10.7%        | 18.7% | 93.8%          | 13.8%   | 61.5%   |



## **Implied multiples** Cybersecurity

|                      | Market cap | EV      |       | EV / Sales |       |       | EV / EBITD | A     |       | EV / EBIT |       |       | P/E   |       |
|----------------------|------------|---------|-------|------------|-------|-------|------------|-------|-------|-----------|-------|-------|-------|-------|
| Companies            | (EURm)     | (EURm)  | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| Cybersecurity        |            |         |       |            |       |       |            |       |       |           |       |       |       |       |
| Vmware               | 49,125     | 56,284  | 4.3x  | 3.9x       | 3.4x  | 11.3x | na         | na    | 15.2x | 13.7x     | na    | 32.4x | 25.6x | 20.8x |
| Palo Alto Networks   | 38,807     | 38,953  | 5.6x  | 4.7x       | 3.9x  | 23.2x | 18.7x      | na    | 28.0x | 22.6x     | 17.7x | nm    | nm    | 53.0x |
| Fortinet             | 35,289     | 34,615  | 7.0x  | 5.8x       | 4.7x  | 24.1x | 20.0x      | na    | 26.5x | 21.6x     | 18.1x | 40.9x | 33.6x | 27.5x |
| CrowdStrike Holdings | 21,563     | 20,016  | 7.4x  | 5.7x       | 4.2x  | 36.7x | 25.6x      | na    | 45.0x | 30.9x     | 21.1x | nm    | nm    | nm    |
| Check Point          | 14,952     | 13,481  | 6.0x  | 5.7x       | 5.7x  | 13.3x | 12.8x      | na    | 13.5x | 12.9x     | 13.1x | 19.8x | 19.2x | 18.5x |
| Zscaler              | 14,303     | 13,743  | 8.7x  | 6.8x       | 4.9x  | nm    | 36.8x      | na    | 68.5x | 47.2x     | na    | nm    | nm    | nm    |
| Gen Digital Inc.     | 13,762     | 22,106  | 6.4x  | 5.8x       | 5.3x  | 12.6x | 11.8x      | na    | 12.8x | 10.7x     | 10.6x | 17.2x | 12.0x | 10.0x |
| Splunk               | 13,436     | 15,575  | 4.2x  | 3.6x       | 3.1x  | 23.1x | 17.0x      | na    | 29.1x | 20.8x     | 14.9x | nm    | nm    | 61.6x |
| Cloudflare           | 13,344     | 13,280  | 10.9x | 8.2x       | 5.7x  | nm    | nm         | 42.9x | nm    | nm        | 70.0x | nm    | nm    | nm    |
| Nice                 | 11,541     | 10,892  | 4.9x  | 4.3x       | 3.7x  | 14.9x | 13.4x      | 10.9x | 16.5x | 14.3x     | 14.0x | 32.5x | 28.4x | 27.7x |
| DocuSign             | 10,843     | 10,715  | 4.3x  | 4.0x       | 3.5x  | 19.1x | 16.6x      | 14.9x | 21.2x | 18.7x     | 15.0x | nm    | nm    | 54.2x |
| OKTA                 | 10,328     | 10,243  | 5.2x  | 4.4x       | 3.4x  | nm    | nm         | na    | nm    | nm        | 43.3x | nm    | nm    | nm    |
| Trend Micro          | 6,045      | 4,315   | 2.4x  | 2.3x       | 2.2x  | 9.7x  | 9.0x       | na    | 14.4x | 12.9x     | 11.8x | 27.6x | 24.8x | 22.8x |
| CyberArk             | 4,513      | 4,161   | 6.2x  | 5.0x       | 4.2x  | nm    | nm         | na    | nm    | nm        | 38.4x | nm    | nm    | nm    |
| Tenable              | 3,851      | 3,737   | 5.0x  | 4.1x       | 3.4x  | 37.5x | 25.3x      | 15.4x | 44.0x | 30.9x     | 18.3x | nm    | nm    | nm    |
| Qualys               | 3,704      | 3,385   | 6.5x  | 5.7x       | 5.0x  | 15.7x | 13.8x      | na    | 18.0x | 15.7x     | na    | 38.1x | 32.3x | na    |
| BlackBerry           | 2,048      | 2,071   | 3.2x  | 2.6x       | na    | nm    | 41.1x      | 12.5x | nm    | nm        | na    | nm    | nm    | nm    |
| Rapid7               | 1,857      | 2,472   | 3.4x  | 2.8x       | 2.5x  | 41.3x | 21.7x      | na    | 53.9x | 33.2x     | 22.1x | nm    | nm    | na    |
|                      |            | Median  | 5.4x  | 4.5x       | 3.9x  | 19.1x | 17.9x      | 14.9x | 23.9x | 19.7x     | 17.9x | 32.4x | 25.6x | 27.5x |
|                      |            | Average | 5.6x  | 4.7x       | 4.1x  | 21.7x | 20.3x      | 19.3x | 29.0x | 21.9x     | 23.5x | 29.8x | 25.1x | 32.9x |



#### Sales growth rates & operating margins Cybersecurity

|                      | Si    | ales growtl | h     | EB     | ITDA marg | gin   | E       | BIT marg | in    | Net     | income m | argin   |       | CAGR 2        | 3E-25E |         |
|----------------------|-------|-------------|-------|--------|-----------|-------|---------|----------|-------|---------|----------|---------|-------|---------------|--------|---------|
| Companies            | 2023E | 2024E       | 2025E | 2023E  | 2024E     | 2025E | 2023E   | 2024E    | 2025E | 2023E   | 2024E    | 2025E   | Sales | EBITDA        | EBIT   | N.I.    |
| Cybersecurity        |       |             |       |        |           |       |         |          |       |         |          |         |       |               |        |         |
| Vmware               | 6.6%  | 9.6%        | 13.4% | 37.7%  | na        | na    | 28.2%   | 28.6%    | na    | 11.5%   | 13.3%    | 14.4%   | 11.5% | na            | na     | 24.8%   |
| Palo Alto Networks   | 23.4% | 20.4%       | 19.3% | 24.2%  | 24.9%     | na    | 20.0%   | 20.7%    | 22.1% | 2.0%    | 3.4%     | 7.4%    | 19.9% | na            | 26.0%  | 129.8%  |
| Fortinet             | 21.1% | 19.6%       | 24.0% | 28.9%  | 29.2%     | na    | 26.4%   | 27.0%    | 25.9% | 17.4%   | 17.7%    | 17.5%   | 21.8% | na            | 20.8%  | 21.9%   |
| CrowdStrike Holdings | 34.5% | 30.5%       | 35.0% | 20.2%  | 22.2%     | na    | 16.5%   | 18.4%    | 20.0% | (5.0%)  | (1.6%)   | 3.5%    | 32.7% | na            | 46.2%  | na      |
| Check Point          | 5.0%  | 4.1%        | 1.2%  | 45.0%  | 44.7%     | na    | 44.3%   | 44.4%    | 43.3% | 33.5%   | 33.1%    | 33.9%   | 2.7%  | na            | 1.5%   | 3.2%    |
| Zscaler              | 34.9% | 27.9%       | 38.4% | 16.3%  | 18.4%     | na    | 12.7%   | 14.4%    | na    | (16.6%) | (13.9%)  | (8.1%)  | 33.1% | na            | na     | (7.0%)  |
| Gen Digital Inc.     | 17.9% | 10.5%       | 8.8%  | 50.8%  | 49.4%     | na    | 50.1%   | 54.3%    | 50.3% | 23.3%   | 30.3%    | 33.2%   | 9.6%  | na            | 9.8%   | 30.8%   |
| Splunk               | 16.8% | 18.1%       | 17.4% | 18.3%  | 21.1%     | na    | 14.5%   | 17.3%    | 20.4% | (10.9%) | (8.4%)   | 4.3%    | 17.8% | na            | 39.7%  | na      |
| Cloudflare           | 35.1% | 33.5%       | 43.1% | 13.6%  | 13.5%     | 13.3% | 3.7%    | 4.9%     | 8.2%  | (16.4%) | (12.6%)  | (7.8%)  | 38.2% | 36.8%         | 104.7% | (4.5%)  |
| Nice                 | 7.5%  | 13.4%       | 17.1% | 32.8%  | 32.2%     | 33.9% | 29.7%   | 30.0%    | 26.2% | 15.9%   | 16.1%    | 14.1%   | 15.3% | 17.0%         | 8.3%   | 8.3%    |
| DocuSign             | 8.6%  | 8.9%        | 14.7% | 22.7%  | 24.0%     | 23.2% | 20.4%   | 21.3%    | 23.1% | (3.5%)  | (1.8%)   | 6.5%    | 11.8% | 13.1%         | 19.0%  | na      |
| OKTA                 | 19.6% | 18.6%       | 27.4% | 3.5%   | 7.3%      | na    | 2.1%    | 5.4%     | 7.9%  | (34.8%) | (27.7%)  | (20.4%) | 22.9% | na            | 137.1% | (6.0%)  |
| Trend Micro          | 9.6%  | 7.2%        | 5.7%  | 25.2%  | 25.3%     | na    | 16.9%   | 17.6%    | 18.3% | 12.4%   | 12.9%    | 13.3%   | 6.4%  | na            | 10.7%  | 10.2%   |
| CyberArk             | 21.8% | 23.2%       | 20.1% | 2.7%   | 9.1%      | na    | (0.0%)  | 5.5%     | 10.9% | (17.6%) | (11.9%)  | (7.8%)  | 21.7% | na            | na     | (19.0%) |
| Tenable              | 20.1% | 19.3%       | 20.4% | 13.2%  | 16.4%     | 22.3% | 11.2%   | 13.4%    | 18.8% | (11.2%) | (9.4%)   | (3.3%)  | 19.8% | <b>55.9</b> % | 55.1%  | (34.7%) |
| Qualys               | 15.6% | 13.5%       | 13.1% | 41.3%  | 41.3%     | na    | 36.1%   | 36.2%    | na    | 18.6%   | 19.3%    | na      | 13.3% | na            | na     | na      |
| BlackBerry           | 3.8%  | 23.3%       | na    | (6.8%) | 6.3%      | na    | (14.6%) | (3.0%)   | na    | (46.4%) | (16.6%)  | na      | na    | na            | na     | (59.7%) |
| Rapid7               | 16.7% | 18.9%       | 12.1% | 8.2%   | 13.0%     | na    | 6.3%    | 8.5%     | 11.5% | (13.8%) | (9.5%)   | na      | 15.4% | na            | 56.2%  | na      |
| Median               | 17.4% | 18.8%       | 17.4% | 21.5%  | 22.2%     | 22.8% | 16.7%   | 18.0%    | 20.2% | (4.2%)  | (1.7%)   | 6.5%    | 17.8% | 26.9%         | 26.0%  | 3.2%    |
| Average              | 17.7% | 17.8%       | 19.5% | 22.1%  | 23.4%     | 23.2% | 18.0%   | 20.3%    | 21.9% | (2.3%)  | 1.8%     | 6.7%    | 18.5% | 30.7%         | 41.2%  | 7.5%    |

23 "na" = not available

## Implied multiples Large Platforms

| -               | Market cap | EV        |       | EV / Sales |       |       | EV / EBITD | A     |       | EV / EBIT |       |       | P/E   |       |
|-----------------|------------|-----------|-------|------------|-------|-------|------------|-------|-------|-----------|-------|-------|-------|-------|
| Companies       | (EURm)     | (EURm)    | 2023E | 2024E      | 2025E | 2023E | 2024E      | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E | 2025E |
| Large platforms |            |           |       |            |       |       |            |       |       |           |       |       |       |       |
| Microsoft       | 1,648,784  | 1,620,955 | 7.7x  | 6.8x       | 5.9x  | 15.9x | 13.7x      | na    | 18.6x | 16.0x     | 13.8x | 23.1x | 19.8x | 17.0x |
| Oracle          | 222,300    | 299,977   | 6.2x  | 5.8x       | 5.3x  | 13.4x | 12.2x      | na    | 14.8x | 13.4x     | 11.9x | 25.0x | 19.7x | 18.5x |
| SAP             | 125,381    | 129,220   | 3.9x  | 3.6x       | 3.3x  | 12.2x | 10.7x      | na    | 14.3x | 12.5x     | 10.4x | 30.9x | 25.1x | 19.1x |
| IBM             | 121,918    | 173,760   | 3.1x  | 3.0x       | 2.7x  | 12.0x | 11.4x      | na    | 17.1x | 16.4x     | na    | 20.9x | 19.1x | na    |
|                 |            | Median    | 5.1x  | 4.7x       | 4.3x  | 12.8x | 11.8x      | na    | 16.0x | 14.7x     | 11.9x | 24.1x | 19.7x | 18.5x |
|                 |            | Average   | 5.2x  | 4.8x       | 4.3x  | 13.4x | 12.0x      | na    | 16.2x | 14.6x     | 12.0x | 25.0x | 20.9x | 18.2x |



### Sales growth rates & operating margins Large Platforms

| -               |         | Si    | ales growt | h     | EE    | BITDA mar | gin   |       | EBIT marg | gin   | Ne    | t income n | nargin |       | CAGR   | 23E-25E |       |
|-----------------|---------|-------|------------|-------|-------|-----------|-------|-------|-----------|-------|-------|------------|--------|-------|--------|---------|-------|
| Companies       |         | 2023E | 2024E      | 2025E | 2023E | 2024E     | 2025E | 2023E | 2024E     | 2025E | 20238 | 2024E      | 2025E  | Sales | EBITDA | EBIT    | N.I.  |
| Large platforms |         |       |            |       |       |           |       |       |           |       |       |            |        |       |        |         |       |
| Microsoft       |         | 10.2% | 13.7%      | 14.9% | 48.7% | 49.9%     | na    | 41.6% | 42.5%     | 42.9% | 34.1% | 35.0%      | 35.4%  | 14.3% | na     | 16.1%   | 16.5% |
| Oracle          |         | 11.3% | 7.9%       | 10.1% | 46.5% | 47.4%     | na    | 42.2% | 43.1%     | 44.2% | 18.5% | 21.8%      | 21.0%  | 9.0%  | na     | 11.6%   | 16.3% |
| SAP             |         | 7.2%  | 8.1%       | 9.4%  | 32.1% | 33.8%     | na    | 27.3% | 29.0%     | 31.8% | 12.3% | 14.0%      | 16.8%  | 8.7%  | na     | 17.3%   | 27.2% |
| IBM             |         | 0.5%  | 5.3%       | 9.4%  | 26.0% | 26.0%     | na    | 18.2% | 18.0%     | na    | 10.4% | 10.8%      | na     | 7.3%  | na     | na      | na    |
|                 | Median  | 8.7%  | 8.0%       | 9.8%  | 39.3% | 40.6%     | na    | 34.4% | 35.7%     | 42.9% | 15.4% | 17.9%      | 21.0%  | 8.9%  | na     | 16.1%   | 16.5% |
|                 | Average | 7.3%  | 8.8%       | 11.0% | 38.3% | 39.3%     | na    | 32.3% | 33.1%     | 39.6% | 18.8% | 20.4%      | 24.4%  | 9.9%  | na     | 15.0%   | 20.0% |

# **Contact details**



#### OLIVER BACH

Senior Manager, Corporate Finance - M&A BDO AG Wirtschaftsprüfungsgesellschaft Hanauer Landstraße 115 60314 Frankfurt am Main Phone: +49 69 95941-127 oliver.bach@bdo.de



#### HANS-JÜRGEN RONDORFF

Partner, Corporate Finance - M&A BDO AG Wirtschaftsprüfungsgesellschaft Hanauer Landstraße 115 60314 Frankfurt am Main

Phone: +49 69 95941-118 hans-juergen.rondorff@bdo.de



#### Jane Evans

Senior Manager, Corporate Finance - M&A BDO AG Wirtschaftsprüfungsgesellschaft Georg-Glock-Str. 8 40474 Düsseldorf Phone: +49 211 1371-192 iane.evans@bdo.de



#### Dietmar Flügel

Partner, Head of Corporate Finance BDO AG Wirtschaftsprüfungsgesellschaft Georg-Glock-Str. 8 40474 Düsseldorf

Phone: +49 211 1371-162 dietmar.fluegel@bdo.de



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