

Technology Services Update

Harris Williams | Q1 2023

Investing in IT Services for a Recession-Proof Organization

Digital transformation, security, and data analytics remain a top priority for companies of all sizes during uncertain economic environments.



Gartner Forecasts Worldwide IT Spending to Grow 5.1% in 2023

"Worldwide IT spending is projected to total \$4.6 trillion in 2023, an increase of 5.1% from 2022, according to the latest forecast by Gartner, Inc. Demand for IT in 2023 is expected to be strong as enterprises push forward with digital business initiatives in response to economic turmoil."



"Data, analytics, and AI will be front and center as CIOs shift their focus from back-office automation to customer-facing initiatives that can drive growth, says Gartner Distinguished VP Analyst Janelle Hill.

'Leading CIOs are more likely to leverage data, analytics and AI to detect emerging consumer behavior or sentiment that might represent a growth opportunity,' Hill says." 4





Digital Transformation and Economic Growth

"Digital transformation has become an important enabler for sustainable growth and innovation. It can stimulate new business models, services and revenue streams that can help companies boost bottom-line results. It can encourage greater operational efficiencies and productivity by streamlining complex processes, automating manual tasks and removing redundancies. Furthermore, it allows organizations to improve customer experience, which is critical to increasing consumer loyalty and repeat revenues. As a result, digital transformation has become a powerful engine for economic growth."²

Recession Resilience of Cybersecurity

"Due to regulatory forces and intensifying cyberthreats, experts say that security budgets are more likely than other tech segments to be preserved during a slowdown."

"With the shift to digital, businesses can no longer afford to draw a distinction between 'getting the job done' and 'getting the job done securely,' said William MacMillan, a senior vice president at Salesforce and formerly the CISO for the CIA." ³





Gartner

3. <u>Protoc</u>

4. <u>Datanami</u>

Perspectives on IT Services

Managed Services



Outsourced IT service offerings ranging from IT network, communications, web and email hosting, backup and recovery, help desk, data management, network and security monitoring, and application development.

Managed IT

Managed Network

IT Consulting

Select Market Participants



















Netrix Netrix







Key Trends

- Even as employees return to offices, the need to support multiple devices and systems continues to underpin sustained demand to outsource IT services
- Companies are expanding their service offerings as organizations seek a single-source provider capable of offering managed IT, managed security, and managed network services

Managed Security & Compliance



Outsourced monitoring and management of devices and IT systems. Services include managed firewall, vulnerability assessments, intrusion monitoring, and antivirus solutions. Services are provided through security operations centers to enable 24/7 monitoring.

Cybersecurity

EDR, MDR, XDR

SOC-as-a-Service

Select Market Participants























Key Trends

- With ransomware attacks increasing for companies of all sizes, outsourced security services have become a priority
- Managed security service providers span across three models: people-centric services and consulting, security service offerings leveraging multiple software vendors, and software security product offerings

Digital Transformation



Adopting digital technology services to replace nondigital manual processes and legacy technologies. Application development services create custom, customer-facing apps across a range of digital platforms (mobile, web, desktop).

Application Development **DevOps**

Customer Experience

Diaital Engineering

Select Market Participants

APPLAUSE °

bounteous

















QUALITEST ThoughtWorks[®]

Key Trends

- The need to modernize and create more agile environments given legacy IT infrastructures is a driving force for digital transformation
- The importance around customer experience and seamless communication across all mediums (website, chatbox, mobile app) is creating substantial demand in the market



Perspectives on IT Services

Application Partner Ecosystem



Services that specialize in various application ecosystems, such as SAP, Oracle, Salesforce, Adobe, ServiceNow, and Workday. These services range from consulting to systems integration and ongoing development and customization.

Application Strategy

Design and Build Integration Services Ongoing Support & Training

Select Market Participants





sapphire



NEWR©CKET





inspirage









Key Trends

- As organizations of all sizes struggle to implement, update, and leverage multiple applications, there remains a growing lack of talent across multiple application ecosystems
- Strategic system integrators and private equity investors continue to actively pursue a number of application partner opportunities

Cloud Partner Ecosystems



Services that support access to public cloud environments, as well as consulting solutions focused on optimizing cloud resources, reducing costs, and developing architecture to support varying workloads.

Cloud Readiness Assessment Cloud Strategy & Modernization Support

Cloud Migration Services Application Modernization & DataOps

Select Market Participants





claranet









Key Trends

- The shift from on-premises to private to public cloud hosting continues, with many organizations turning to a hybrid cloud approach
- As organizations migrate to the cloud, additional services and consulting are needed around cloud strategy and cloud security

Data Analytics



Services focused on collecting, aggregating, and extracting structured and unstructured data from multiple sources and then running analysis on such data using AI and machine learning to help companies optimize client engagements, improve operational efficiency, and reduce costs.

AI / ML

Data Management Data Collection

Select Market Participants

insightsoftware

Syniti

dat-Avail

INRULE

precisely

aspirent

Key Trends

- To better harness and potentially monetize a growing amount of information, companies are increasingly relying on software and consulting-related services to help analyze and organize data
- Growing focus on leveraging internal data to help customers better understand their true needs while creating further stickiness with an existing client base



What We're Reading

In this sector update, we have included a collection of articles focused on IT services trends that will remain necessary throughout an uncertain economic environment. Gartner predicts that IT services spending will grow by 5.1% in 2023, and that digital transformation, security, and data analytics will be key investment areas for companies of all sizes. Below are relevant articles that highlight current trends and why companies should continue to invest in IT services in order to build a recession-proof organization.

Gartner Forecasts Worldwide IT Spending to Grow 5.1% in 2023

"Enterprise IT spending is recession-proof as CEOs and CFOs, rather than cutting IT budgets, are increasing spending on digital business initiatives,' said John-David Lovelock, Distinguished VP Analyst at Gartner. 'Economic turbulence will change the context for technology investments, increasing spending in some areas and accelerating declines in others, but it is not projected to materially impact the overall

Gartner

level of enterprise technology spending." Read the full article here. Why we need to prioritize digital transformation - even in a downturn

World Economic Forum

"Digital transformation is one of the most significant trends to have emerged in recent years – and a major topic of discussion at this year's World Economic Forum Annual Meeting. Expedited by the pandemic, companies across industries and regions sped up their adoption of digital and intelligently connected solutions and tools to compete in a rapidly changing business environment...As a result, digital transformation has become a powerful engine for economic growth, with more than 60% of the global GDP in 2022 expected to have been dependent on digital technologies." Read the full article here.

Has Progress on Data, Analytics, and AI Stalled at Your Company?

Harvard Business Review

"It's time for Fortune 1000 companies to rethink their investments in data, analytics, and AI. Of course, companies should be investing in these critical business capabilities and differentiators. What they need to take a hard look at is how they're investing, and whether these investments are leading to the kinds of gains and the levels of business value that companies are aspiring to achieve." Read the full article here.

Recent Harris Williams Industry Content

Trends and M&A Opportunity in Managed Security



<u>Link to Reaa</u>

As CIOs tighten tech spend, demand for cybersecurity services grows

CIO Dive

"Managed-service providers concur that demand for cybersecurity services is growing. Santha Subramoni, global head of the cybersecurity business unit at Tata Consultancy Services, said cybersecurity business units are often exempt from broader budget reductions because of increased requirements." Read the full article here.

Is Your Data And Analytics Organization Recession-Proof?

Forbes

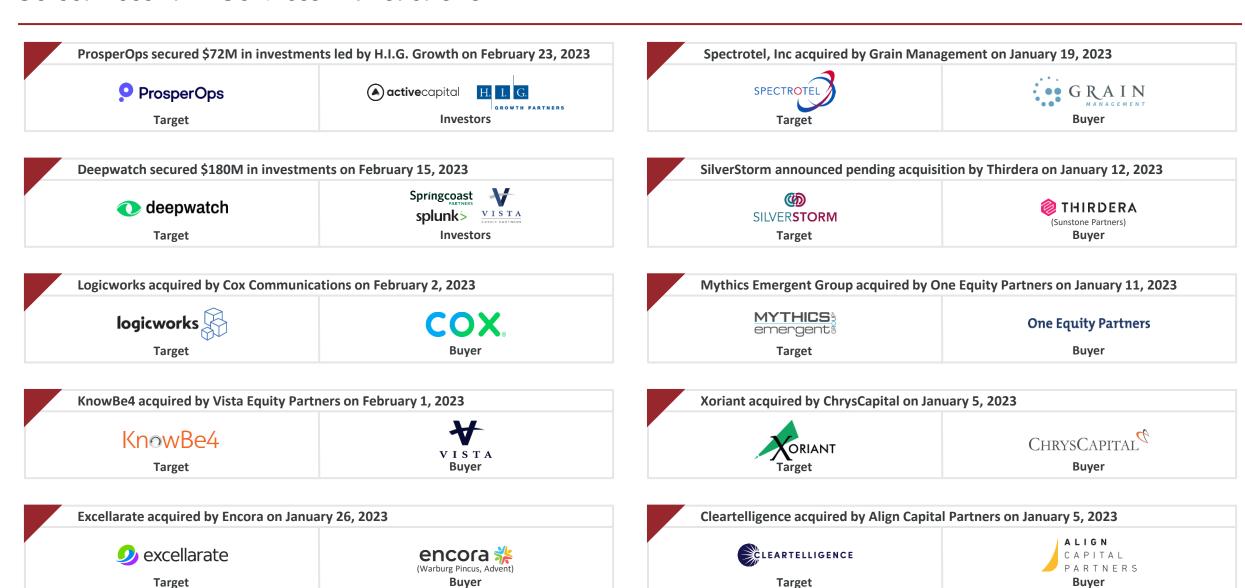
"In a world of tightening data team budgets alongside increasing business demands, it's more important than ever to ensure your data and analytics team is ready for a potential economic downturn. As teams scramble to adapt to the new normal, here are the top ten things CIOs and CDOs should do to help recession-proof their organizations." Read the full article here.

8 IT services industry trends to watch in 2023

TechTarget

"Although CIOs are concerned about the economic environment, their highest priority is on digital transformation, cybersecurity and increasing their customer experience to raise their revenue." Read the full article here.

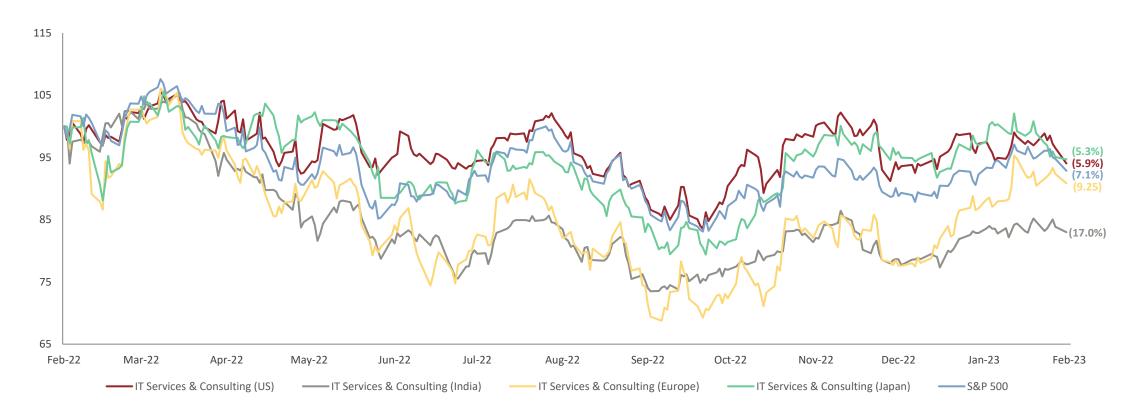
Select Recent IT Services Transactions



Global Public Company Performance

IT Consulting - Last 12 Months¹

Indexed Stock Price Performance for the Period February 2022 – February 2023



| IT Se | IT Services & Consulting (US) | | IT Services & Consulting (India) | | | IT Serv | ices & Consulting (I | Europe) | IT Services & Consulting (Japan) | | | |
|-----------|-------------------------------|--------------|----------------------------------|-------------|--------------|-----------|----------------------|--------------|----------------------------------|-------------|--------------|--|
| EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | EV/ | |
| 2022 Rev. | 2022 EBITDA | 2023P EBITDA | 2022 Rev. | 2022 EBITDA | 2023P EBITDA | 2022 Rev. | 2022 EBITDA | 2023P EBITDA | 2022 Rev. | 2022 EBITDA | 2023P EBITDA | |
| 1.6x | 13.7x | 10.6x | 2.8x | 13.3x | 12.7x | 1.6x | 14.3x | 10.5x | 0.9x | 8.9x | 6.8x | |



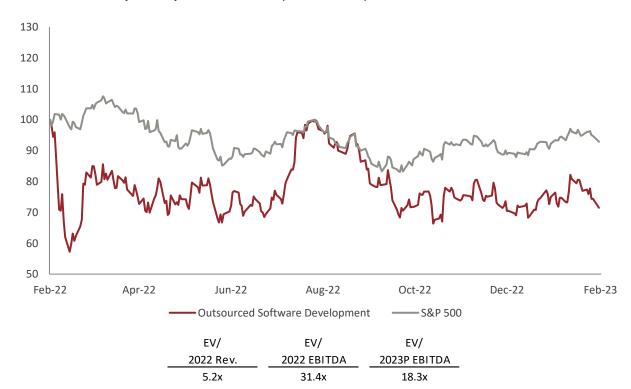
U.S.: Accenture, CDW, CGI, Cognizant, DXC Technology, IBM, Rackspace

Europe: Alten, Atos, Bechtle, Capgemini, Netcompany, Softcat, Sopra Steria, TietoEVRY

Global Public Company Performance (Cont.)

Outsourced Software Development - Last 12 Months¹

Indexed Stock Price Performance for the Period February 2022 – February 2023



Key Public Comparables

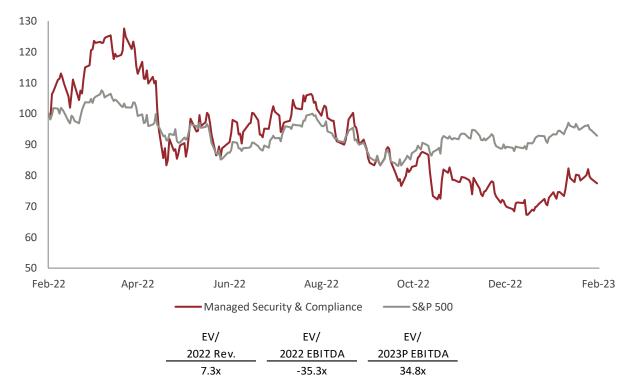




Globant >

Managed Security & Compliance – Last 12 Months¹

Indexed Stock Price Performance for the Period February 2022 – February 2023



Key Public Comparables









Secureworks



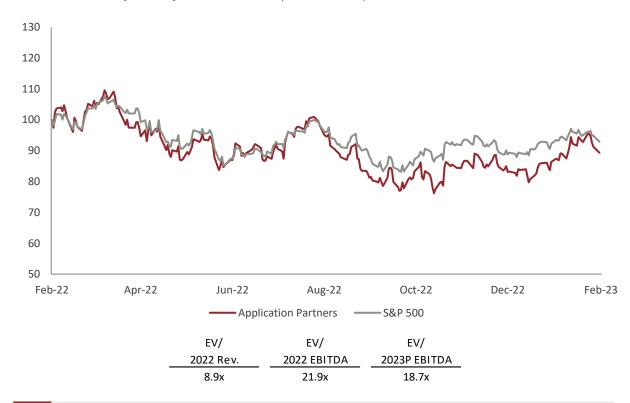


Global Public Company Performance (Cont.)

Web Hosting – Last 12 Months¹ Indexed Stock Price Performance for the Period February 2022 – February 2023 130 120 110 100 90 80 70 60 50 Feb-22 Apr-22 Jun-22 Dec-22 Feb-23 Aug-22 Oct-22 Web Hosting ——S&P 500 EV/ EV/ EV/ 2023P EBITDA 2022 Rev. 2022 EBITDA 3.5x 13.4x 25.2x **Key Public Comparables** (7) GoDaddy tucows **Shopify** united WiX **VERISIGN** internet

Application Partners – Last 12 Months¹

Indexed Stock Price Performance for the Period February 2022 – February 2023











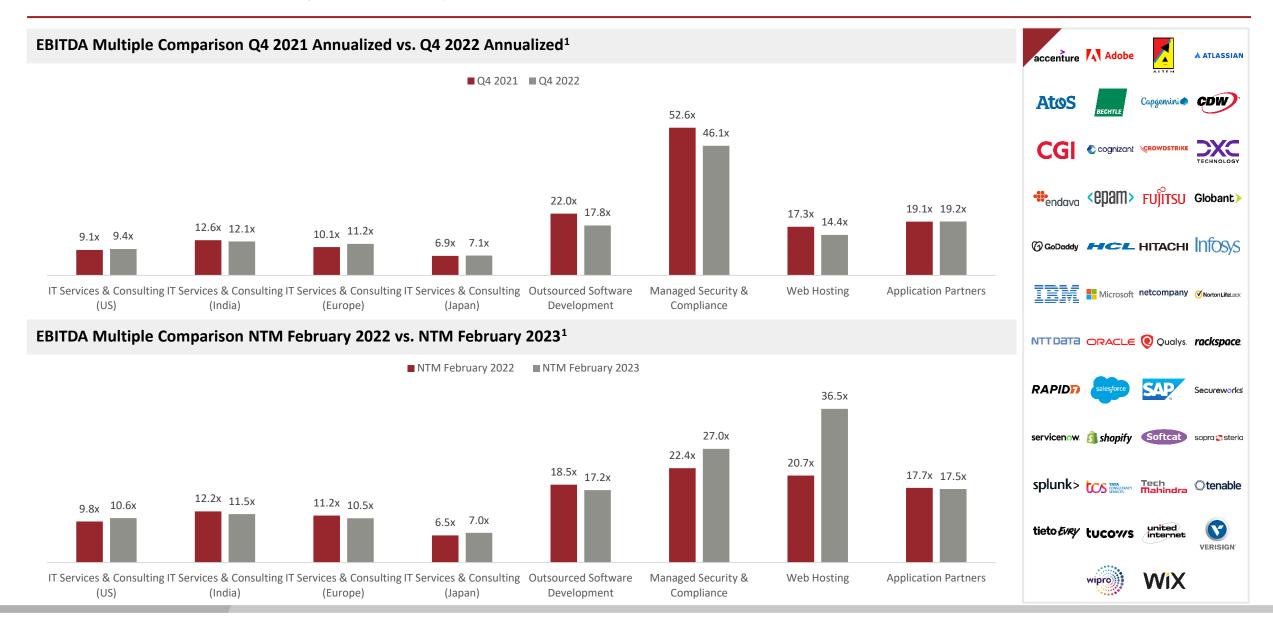








Global Public Company Operating and Valuation Metrics



Harris Williams / GLOBAL M&A ADVISOR

Harris Williams is a global investment bank specializing in M&A advisory services. Clients worldwide rely on us to help unlock value in their business and turn ambitious goals into reality. We approach every engagement with boundless collaboration, pooling expertise and relationships across industries and geographies to uncover the unique story of each company.

Deep Industry Experience



Aerospace, Defense & Government Services



Business Services



Consumer



Energy, Power & Infrastructure



Healthcare & Life Sciences



Industrials



Technology



Transportation & Logistics

70% R

Revenue from repeat clients

83%

Managing directors promoted from

within the firm

30+







HW Harris Williams

Technology Services

Harris Williams Technology Services Experience



has been acquired by accenture





GLOBAL EDUCATION













































Anthony Basmajian Managing Director **Business Services** abasmajian@harriswilliams.com (804) 887-6030

Priyanka Naithani **Managing Director** Technology pnaithani@harriswilliams.com (617) 654-2115

Contacts

Derek Lewis

Managing Director **Business Services** dlewis@harriswilliams.com (804) 915-0118

Thierry Monjauze

Managing Director Technology tmonjauze@harriswilliams.com +44 20 7518 8901

Sylvain Noblet

Director Technology snoblet@harriswilliams.com +44 20 7518 8917

Katie Baskind

Business Development Manager Business Services kbaskind@harriswilliams.com (804) 915-0121

Appendix



Global Public Market Operational and Valuation Metrics¹

| | Enterprise | Market | % off 52- | 1-Year Stock | 3-Year Stock | 5-Year Stock | 10-Year Stock | Revenue | Growth | 2022E EBITDA | _ | Enterpri | se Value / | |
|--|------------|----------------|-----------|--------------|--------------|--------------|---------------|---------|---------|--------------|-----------|-----------|-------------|-------------|
| Company | Value | Capitalization | Week High | Performance | Performance | Performance | Performance | 2022E | 2023P | Margin | '22E Rev. | ′23P Rev. | '22E EBITDA | '23P EBITDA |
| Accenture | \$167,582 | \$169,495 | 77.9% | (16.2%) | 27.0% | 67.7% | 264.5% | 16.1% | 5.0% | 17.0% | 2.7x | 2.6x | 15.8x | 14.1x |
| CDW | \$34,125 | \$27,823 | 95.6% | 13.1% | 53.5% | 188.9% | NM | 14.5% | 6.2% | 8.3% | 1.4x | 1.3x | 17.3x | 15.0x |
| CGI | \$23,683 | \$21,795 | 99.0% | 11.5% | 22.0% | 58.2% | 248.4% | 1.4% | 3.0% | 17.5% | 2.4x | 2.4x | 13.9x | 11.6x |
| Cognizant | \$31,977 | \$32,931 | 69.2% | (25.1%) | (7.7%) | (21.0%) | 72.0% | 5.0% | 1.5% | 18.3% | 1.6x | 1.6x | 9.0x | 9.0x |
| DXC | \$10,458 | \$6,490 | 78.3% | (20.8%) | (3.6%) | (72.0%) | (40.1%) | (10.8%) | (3.1%) | 18.2% | 0.7x | 0.7x | 3.9x | 4.6x |
| IBM | \$164,434 | \$119,082 | 86.0% | 5.9% | (12.1%) | (14.5%) | (33.6%) | 5.6% | (0.5%) | 19.8% | 2.7x | 2.7x | 13.7x | 10.6x |
| Rackspace | \$4,262 | \$578 | 22.6% | (77.0%) | NM | NM | NM | 3.4% | (1.2%) | 17.8% | 1.4x | 1.4x | 7.7x | 9.4x |
| IT Services & Consulting (US) Median | \$31,977 | \$27,823 | 78.3% | (16.2%) | 9.2% | 21.9% | 72.0% | 5.0% | 1.5% | 17.8% | 1.6x | 1.6x | 13.7x | 10.6x |
| | | | | | | | | | | | | | | |
| HCL Technologies | \$34,838 | \$36,104 | 91.0% | (14.7%) | 57.5% | 83.3% | 303.5% | 10.4% | 4.6% | 21.2% | 2.8x | 2.7x | 13.3x | 12.7x |
| Infosys | \$76,983 | \$78,453 | 82.1% | (18.0%) | 71.8% | 115.3% | 195.8% | 14.7% | 5.8% | 23.2% | 4.3x | 4.1x | 18.5x | 17.9x |
| Tata Consultancy Services | \$146,698 | \$152,365 | 90.0% | (16.6%) | 38.7% | 77.4% | 212.7% | 5.6% | 8.3% | 25.7% | 5.6x | 5.2x | 21.8x | 20.4x |
| Tech Mahindra | \$11,565 | \$12,043 | 72.0% | (28.1%) | 18.5% | 49.0% | 187.4% | 13.7% | 15.3% | 16.9% | 2.0x | 1.7x | 11.6x | 11.6x |
| Wipro | \$24,265 | \$26,615 | 65.4% | (36.6%) | 42.2% | 43.7% | 74.0% | 6.6% | 7.6% | 17.8% | 2.3x | 2.1x | 12.8x | 11.8x |
| IT Services & Consulting (India) Median | \$34,838 | \$36,104 | 82.1% | (18.0%) | 42.2% | 77.4% | 195.8% | 10.4% | 7.6% | 21.2% | 2.8x | 2.7x | 13.3x | 12.7x |
| | | | | | | | | | | | | | | |
| Alten | \$5,415 | \$5,283 | 97.1% | 3.0% | 30.3% | 58.1% | 285.1% | 5.5% | 20.4% | 11.3% | 1.5x | 1.3x | 13.7x | 10.0x |
| Atos | \$4,657 | \$1,513 | 39.9% | (62.2%) | (83.1%) | (90.3%) | (81.5%) | (6.9%) | 2.0% | 3.8% | 0.4x | 0.4x | 10.6x | 4.1x |
| Bechtle | \$5,806 | \$5,427 | 74.9% | (17.0%) | (16.2%) | 46.6% | 422.9% | (6.4%) | 17.5% | 6.8% | 1.0x | 0.9x | 15.2x | 11.0x |
| Capgemini | \$39,363 | \$33,637 | 88.1% | (6.0%) | 57.7% | 53.9% | 298.5% | 1.9% | 16.6% | 13.2% | 1.9x | 1.6x | 14.2x | 11.0x |
| Netcompany | \$2,181 | \$1,915 | 56.3% | (37.8%) | (24.1%) | NM | NM | 43.4% | 7.6% | 17.8% | 2.7x | 2.5x | 15.4x | 14.4x |
| Softcat | \$2,860 | \$2,970 | 64.1% | (28.7%) | (3.2%) | 85.6% | NM | (23.6%) | 6.2% | 12.9% | 2.2x | 2.1x | 17.0x | 16.6x |
| Sopra Steria | \$4,349 | \$3,490 | 91.1% | (0.0%) | (1.6%) | (13.0%) | 117.4% | (3.9%) | 9.5% | 9.1% | 0.8x | 0.8x | 9.4x | 6.4x |
| TietoEVRY | \$4,519 | \$3,786 | 98.5% | 10.0% | 10.5% | (11.1%) | 39.3% | (11.4%) | 12.1% | 11.1% | 1.6x | 1.4x | 14.4x | 8.3x |
| IT Services & Consulting (Europe) Median | \$4,588 | \$3,638 | 81.5% | (11.5%) | (2.4%) | 46.6% | 201.2% | (5.1%) | 10.8% | 11.2% | 1.6x | 1.3x | 14.3x | 10.5x |
| | | | | | | | | | | | | | | |
| Fujitsu | \$24,982 | \$24,687 | 84.5% | (7.8%) | 16.0% | 117.4% | 202.0% | (10.9%) | 3.7% | 12.7% | 0.9x | 0.9x | 7.0x | 6.3x |
| Hitachi | \$67,943 | \$48,728 | 93.8% | (0.7%) | 38.9% | 36.1% | 85.1% | (4.6%) | (13.2%) | 9.2% | 0.8x | 0.9x | 8.9x | 6.8x |
| NTT Data | \$37,526 | \$19,592 | 65.3% | (24.8%) | 8.2% | 35.3% | 137.1% | 8.2% | 19.1% | 15.3% | 1.6x | 1.3x | 10.4x | 10.6x |
| IT Services & Consulting (Japan) Median | \$37,526 | \$24,687 | 84.5% | (7.8%) | 16.0% | 36.1% | 137.1% | (4.6%) | 3.7% | 12.7% | 0.9x | 0.9x | 8.9x | 6.8x |



Global Public Market Operational and Valuation Metrics¹

| | Enterprise | Market | % off 52- | 1-Year Stock | 3-Year Stock | 5-Year Stock | 10-Year Stock | Revenue | e Growth | 2022E EBITDA | | Enterpris | se Value / | |
|--|-------------|----------------|-----------|--------------|--------------|--------------|---------------|---------|----------|--------------|-----------|-----------|-------------|-------------|
| Company | Value | Capitalization | Week High | Performance | Performance | Performance | Performance | 2022E | 2023P | Margin | '22E Rev. | ′23P Rev. | '22E EBITDA | '23P EBITDA |
| Endava | \$4,493 | \$4,635 | 58.0% | (40.0%) | 46.9% | NM | NM | 6.6% | 34.6% | 17.3% | 5.6x | 4.2x | 32.7x | 19.8x |
| EPAM Systems | \$17,085 | \$18,632 | 69.8% | (27.1%) | 39.7% | 185.9% | 1,450.0% | 25.1% | 13.4% | 16.4% | 3.6x | 3.2x | 22.1x | 18.3x |
| Globant | \$6,807 | \$6,960 | 58.1% | (35.8%) | 23.6% | 222.7% | NM | 0.0% | 54.3% | 16.7% | 5.2x | 3.4x | 31.4x | 15.7x |
| Outsourced Software Development Median | \$6,807 | \$6,960 | 58.1% | (35.8%) | 39.7% | 204.3% | 1,450.0% | 6.6% | 34.6% | 16.7% | 5.2x | 3.4x | 31.4x | 18.3x |
| | | | | | | | | | | | | | | |
| CrowdStrike | \$24,679 | \$26,353 | 46.5% | (31.8%) | 84.5% | NM | NM | 58.3% | 36.5% | (3.9%) | 12.1x | 8.9x | -315.0x | 56.5x |
| NortonLock | \$22,572 | \$13,256 | 68.5% | (25.8%) | 1.3% | (23.3%) | (7.0%) | 12.9% | 23.6% | 46.8% | 7.3x | 5.9x | 15.5x | 12.4x |
| Qualys | \$4,139 | \$4,478 | 72.6% | 2.7% | 28.6% | 63.4% | 857.5% | 14.0% | 16.8% | 35.0% | 8.8x | 7.6x | 25.3x | 17.9x |
| Rapid7 | \$3,469 | \$2,846 | 40.6% | (47.3%) | (9.3%) | 99.5% | NM | 21.8% | 17.1% | (15.1%) | 5.3x | 4.5x | -35.3x | 43.1x |
| SecureWorks | \$526 | \$652 | 47.4% | (46.2%) | (48.5%) | (20.9%) | NM | (13.0%) | (7.7%) | (15.0%) | 1.1x | 1.2x | -7.4x | -8.4x |
| Splunk | \$18,953 | \$16,638 | 67.4% | (11.4%) | (39.2%) | 9.5% | 198.6% | 31.2% | 16.8% | (12.9%) | 5.7x | 4.9x | -44.4x | 34.8x |
| Tenable | \$4,701 | \$4,848 | 67.4% | (5.7%) | 57.0% | NM | NM | 19.7% | 20.6% | (6.5%) | 7.3x | 6.0x | -111.1x | 43.7x |
| Managed Security & Compliance Median | \$4,701 | \$4,848 | 67.4% | (25.8%) | 1.3% | 9.5% | 198.6% | 19.7% | 17.1% | (6.5%) | 7.3x | 5.9x | -35.3x | 34.8x |
| | | | | | | | | | | | | | | |
| GoDaddy | \$14,740 | \$11,700 | 86.3% | (8.9%) | (1.5%) | 36.8% | NM | 7.2% | 4.6% | 17.3% | 3.6x | 3.4x | 20.8x | 13.3x |
| Shopify | \$54,996 | \$58,687 | 53.1% | (36.9%) | (20.4%) | 211.7% | NM | 21.4% | 12.7% | (6.9%) | 9.8x | 8.7x | -142.8x | 3,128.6x |
| Tucows | \$642 | \$319 | 40.5% | (59.3%) | (46.1%) | (46.0%) | 322.7% | 6.7% | 9.2% | 5.0% | 2.0x | 1.8x | 39.5x | 52.6x |
| United Internet | \$6,668 | \$4,112 | 62.9% | (41.7%) | (37.5%) | (67.9%) | (4.1%) | (10.5%) | 11.8% | 19.0% | 1.2x | 1.0x | 6.1x | 4.8x |
| Verisign | \$22,196 | \$21,382 | 89.1% | (2.1%) | (1.1%) | 76.2% | 350.0% | 7.3% | 5.8% | 69.5% | 15.6x | 14.7x | 22.4x | 20.5x |
| Wix.com | \$4,438 | \$4,754 | 72.6% | (6.1%) | (41.1%) | 4.6% | NM | 0.0% | 15.6% | (24.2%) | 3.5x | 3.0x | -14.5x | 30.0x |
| Web Hosting Median | \$10,704 | \$8,227 | 67.8% | (22.9%) | (29.0%) | 20.7% | 322.7% | 7.0% | 10.5% | 11.2% | 3.5x | 3.2x | 13.4x | 25.2x |
| Adobe | \$157,256 | \$158,719 | 72.3% | (21.7%) | (7.0%) | 71.6% | 804.3% | 11.5% | 9.4% | 38.1% | 8.9x | 8.2x | 23.4x | 16.6x |
| Altassian | \$41,931 | \$42,326 | 51.3% | (44.6%) | 13.2% | 197.8% | NM | 30.8% | 15.1% | (9.0%) | 13.2x | 11.4x | -146.6x | 65.1x |
| Microsoft | \$1,859,316 | \$1,880,826 | 80.0% | (12.2%) | 41.5% | 176.2% | 819.1% | 10.4% | 7.1% | 48.0% | 9.1x | 8.5x | 19.0x | 18.7x |
| Oracle | \$316,456 | \$232,417 | 94.5% | 15.6% | 57.6% | 74.4% | 151.5% | 11.3% | 12.5% | 39.9% | 6.9x | 6.1x | 17.2x | 14.1x |
| Salesforce | \$162,891 | \$160,165 | 72.8% | (17.9%) | (14.7%) | 41.2% | 283.6% | 21.3% | 9.7% | 8.5% | 5.4x | 4.9x | 63.6x | 21.1x |
| ServiceNow | \$85,620 | \$87,668 | 71.8% | (22.3%) | 25.4% | 174.1% | 1,269.2% | 22.9% | 15.4% | 10.9% | 11.8x | 10.2x | 108.7x | 29.9x |
| SAP | \$136,509 | \$133,946 | 93.1% | (0.8%) | (16.0%) | 11.2% | 47.1% | (5.8%) | 17.8% | 20.9% | 4.6x | 3.9x | 21.9x | 12.2x |
| Application Partners Median | \$157,256 | \$158,719 | 72.8% | (17.9%) | 13.2% | 74.4% | 543.9% | 11.5% | 12.5% | 20.9% | 8.9x | 8.2x | 21.9x | 18.7x |



Recent and Select IT Services Transactions Detail¹

| Date | Target / Issuer | Acquirer | Business Description |
|-----------|----------------------------------|--|--|
| 2/16/2023 | Ocean Genomics | Accenture Ventures | U.Sbased developer of gene expression software |
| 2/16/2023 | Forth Point | Blend360 | Scotland-based operator of a data consultancy firm |
| 2/16/2023 | MDcentric Technologies | Medicus IT | U.Sbased provider of IT-managed services intended to serve clients in healthcare |
| 2/15/2023 | AIT Consulting | Four Count; Aldine Capital | U.Sbased provider of consultation, optimization and ongoing management services |
| 2/15/2023 | Deepwatch | Springcoast Capital Partners; Splunk Ventures; Vista Credit Partners | U.Sbased developer of a managed security platform |
| 2/15/2023 | NetCom Systems, Inc | Coretelligent | U.Sbased provider of network, systems and web integration solutions & information technology consulting services |
| 2/14/2023 | Authentic Digital | Concord USA | U.Sbased provider of digital marketing services |
| 2/13/2023 | INOC LLC | lTsavvy | U.Sbased provider of network operations consulting services |
| 2/13/2023 | Kirey | One Equity Partners | Italy-based provider of systems integration and consultancy services |
| 2/13/2023 | Tallan, Inc. | EY | U.Sbased provider of customized technology services |
| 2/9/2023 | Terra Information Group | HR Path | U.Sbased provider of information technology (IT) services |
| 2/8/2023 | Silveredge Consulting | Fresche Solutions | U.Sbased provider of digital transformation and application modernization solutions |
| 2/8/2023 | BreakFree Solutions | ThoughtFocus | U.Sbased provider of information technology and digital services |
| 2/8/2023 | Skybox Security | CVC Growth; Pantheon; J.P. Morgan | U.Sbased developer of a cybersecurity management platform |
| 2/6/2023 | Apogee IT Services | Magna5 | U.Sbased provider of outsourced managed information technology services |
| 2/6/2023 | Business Solution Partners | Columbia River Partners | U.Sbased provider of software development services |
| 2/3/2023 | Dallas Network Services | The 20 MSP | U.Sbased provider of IT consulting and network services |
| 2/3/2023 | Integrated Business Technologies | The 20 MSP | U.Sbased provider of IT supports and consulting |
| 2/2/2023 | Bam Boom Cloud | Pax8 | U.Kbased developer of process automation software |
| 2/2/2023 | Logicworks | Cox Communications | U.Sbased provider of cloud automation and managed services |
| 2/2/2023 | Livingstone | Trustmarque | U.Kbased provider of software asset management (SAM) services |



Recent and Select IT Services Transactions Detail¹

| Date | Target / Issuer | Acquirer | Business Description |
|-----------|--|------------------------------------|---|
| 2/2/2023 | n2grate Government Technology Solutions | BlueAlly Technology Solutions | U.Sbased developer of cloud-based data center |
| 2/1/2023 | Amossys | Almond (Hifield Group) | France-based provider of cybersecurity services |
| 2/1/2023 | Cerberus | Redwood Software | U.Sbased provider of data transfer security services |
| 2/1/2023 | Strategic Information Group | Evergreen Services Group | U.Sbased developer of enterprise technology software |
| 1/31/2023 | TCB Corporation (Prodigy Labs) | UST [formally known as UST Global] | Canada-based provider of IT consulting services |
| 1/31/2023 | Transerve | Precisely | India-based developer of geospatial technology-based software |
| 1/26/2023 | GuardSight Inc | Iron Bow Technologies | U.Sbased operator of a cybersecurity consulting firm |
| 1/26/2023 | Excellarate | Encora | U.Sbased provider of outsourced enterprise software platform development and support services |
| 1/25/2023 | SKS Group | Accenture | Germany-based operator of a consultancy platform intended to support the financial sector |
| 1/24/2023 | Omnichannel Commerce | Hero Digital | U.Sbased provider of digital consulting services |
| 1/24/2023 | Flatworld Solutions | Boyne Capital | U.Sbased provider of IT consulting and outsourcing services |
| 1/24/2023 | Simplex Mobility | DMI | Canada-based developer of asset and expense management software |
| 1/23/2023 | Mobica | Cognizant | U.Kbased provider of integration software engineering and development services |
| 1/23/2023 | Iguazio | McKinsey | Israel-based developer of machine learning operations platform |
| 1/19/2023 | Spectrotel, Inc | Grain Management, LLC | U.Sbased provider of telecommunication services |
| 1/19/2023 | Zigatta | Improving | U.Sbased provider of commercial services |
| 1/18/2023 | People Global Solutions Inc | 3Cloud | Philipines-based provider of outsourced information technology and consulting services |
| 1/18/2023 | Copilot | VASS | U.Sbased provider of data consulting services |
| 1/17/2023 | Trum & Associates | ProArch | U.Sbased operator of a data protection organization |
| 1/13/2023 | eBron Consulting | EY | India-based developer of enterprise solutions catering to medium-sized to large corporations |
| 1/12/2023 | SilverStorm Solutions | Thirdera | Spain-based operator of the digital transformation consultancy firm |



Recent and Select IT Services Transactions Detail¹

| Date | Target / Issuer | Acquirer | Business Description |
|-----------|------------------------|--------------------------------------|---|
| 1/11/2023 | Mythics | One Equity Partners | U.Sbased provider of cloud deployment models, managed and consulting services |
| 1/11/2023 | Queen Consulting Group | Talent Group | U.Sbased provider of technology staffing and recruiting services |
| 1/10/2023 | LinTech Global | Digital Intelligence Systems (DISYS) | U.Sbased provider of IT consulting services |
| 1/10/2023 | RAN Security | Cerberus Cyber Sentinel (PINX: CISO) | Argentina-based provider of cybersecurity consultancy services |
| 1/10/2023 | nVisium | NetSPI | U.Sbased provider penetration testing services |
| 1/10/2023 | ITK Solutions Group | Argano | U.Sbased provider of IT services |
| 1/10/2023 | Vertic | Globant (NYSE:GLOB) | Denmark-based operator of a digital agency |
| 1/9/2023 | The TNS Group | Omega Systems | U.Sbased provider of managed security and IT services |
| 1/9/2023 | CMIT Solutions LLC | HKW | U.Sbased provider of managed information technology (IT) services |
| 1/7/2023 | Adtech Systems | AVI-SPL | U.Sbased provider of audiovisual services |
| 1/5/2023 | Xoriant | ChrysCapital | U.Sbased provider of software development and technology services |
| 1/5/2023 | Cleartelligence | Align Capital Partners | U.Sbased operator of a consulting firm |
| 1/5/2023 | Hexacta | GlobalLogic, Inc | Argentina-based operator of a software development company |
| 1/4/2023 | Net7 | Amplix | U.Sbased provider of technology advisory services and software |
| 1/4/2023 | Tome Software | Valtech | U.Sbased developer of mobility internet of things software |
| 1/4/2023 | CalTech | Integris | U.Sbased provider of information technology services |
| | | | |





Disclosures and Disclaimers

Disclosures and Disclaimers

Investment banking services are provided by Harris Williams LLC ("Harris Williams"). Harris Williams is a registered broker-dealer and member of FINRA and SIPC. Harris Williams & Co. Ltd is a private limited company incorporated under English law with its registered office at 8th Floor, 20 Farringdon Street, London EC4A 4AB, UK, registered with the Registrar of Companies for England and Wales, registration number 07078852. Harris Williams & Co. Ltd is authorized and regulated by the Financial Conduct Authority. Harris Williams & Co. Corporate Finance Advisors GmbH is registered in the commercial register of the local court of Frankfurt am Main, Germany, under HRB 107540. The registered address is Bockenheimer Landstrasse 33-35, 60325 Frankfurt am Main, Germany (email address: hwgermany@harriswilliams.com). Geschäftsführers/Directors: Jeffery H. Perkins, Paul Poggi, VAT No. DE321666994. Harris Williams is a trade name under which Harris Williams LLC, Harris Williams & Co. Ltd and Harris Williams & Co. Corporate Finance Advisors GmbH conduct business.

The information and views contained in this content have been prepared in part by Harris Williams. This content does not purport to be comprehensive or to contain all the information that a recipient may need in order to evaluate any investment or potential transaction. This content is not a research report, as such term is defined by applicable law and regulations, and is provided for informational purposes only. Any and all information, including estimates, projections and other forward-looking statements, presented in this document may involve various assumptions and significant elements of subjective judgment and analysis that may or may not be correct. Harris Williams has not independently verified, and neither Harris Williams nor any other person will independently verify, any of the information, estimates, projections or forward-looking statements contained herein or the assumptions on which they are based. The information contained in this document is made as of the date hereof unless stated otherwise. Harris Williams does not expect to update or otherwise revise this document nor provide any additional information, nor correct any inaccuracies herein which may become apparent.

This content is intended for institutional use only and should not be relied upon by retail investors or members of the general public. The information contained herein is believed by Harris Williams to be reliable but Harris Williams makes no representation or warranty as to the accuracy or completeness of such information, and information contained herein that is based on material prepared by others may involve significant elements of subjective judgment and analysis which may or may not be correct. Opinions, estimates and projections contained herein constitute Harris Williams' judgment and are subject to change without notice.

This content is not to be construed as investment advice an offer to buy or sell or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular transaction, nor shall this content form the basis of any contract. It does not constitute and should not be construed as an endorsement or recommendation of any entities' products or services.

No part of this material may be copied or duplicated in any form or by any means, or redistributed, without Harris Williams' prior written consent.

