





March 2019



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Overview

7MA provides Investment Banking & Advisory Services to the Business Services and Technology Industries globally. We advise on M&A and private capital transactions, and provide market assessments and benchmarking. As a close knit team with a long history together and a laser focus on our target markets, we help our clients sell their companies, raise capital, grow through acquisitions, and evaluate new markets. We publish our sectorwatch, a review of M&A and operational trends in the industries we focus.

Dashboard

- Summary metrics on the sector
- Commentary on market momentum by comparing the most recent 12-month performance against the last 3-year averages.

Public Basket Performance

 Summary valuation and operating metrics for a basket of comparable public companies

Valuation Comparison

 Graphical, detailed comparison of valuation multiples for the public basket

Recent Deals

The most recently announced deals in the sector



Dashboard



Revenue Growth Momentum

10.1%

1 - year revenue growth compared to revenue growth average for last 3 years

Current revenue growth rate exceeds the average of the last 3 years by this amount, indicating that market momentum is increasing

Pricing / Gross Margin

-1.2%

1 - year gross profit % compared to gross profit % average for last 3 years

Current gross profit margin is less than the average of the last 3 years gross profit margins, indicating customer pricing power

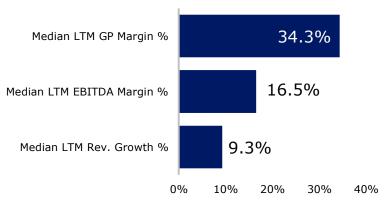
Profitability Momentum

1.5%

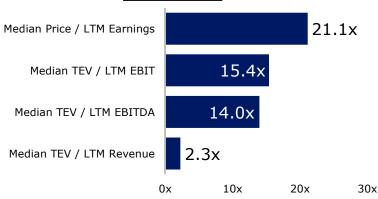
1 - year EBITDA % compared to EBITDA % average for last 3 years

Current EBITDA margin exceeds the average of the last 3 years EBITDA margin by this amount, a condition that may attract new entrants

Operating Metrics



Valuation







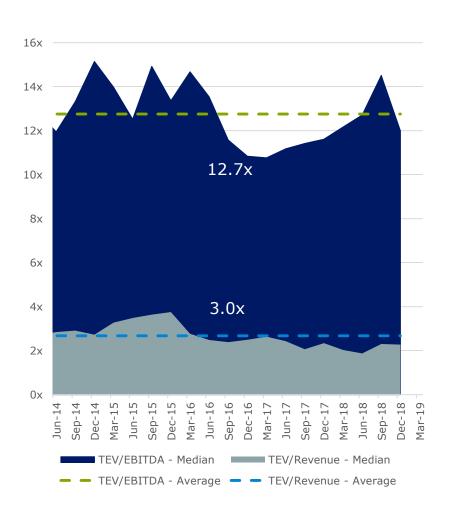
Company	TEV \$m	LTM Rev (\$m	Rev Growth YoY	GP %	EBITDA %	TEV / Rev X	TEV / EBITDA X	# FTEs	Rev / FTE \$k
R Systems International Limited	80	101	18%	32%	8%	0.8	10.3	2,753	37
Persistent Systems Limited	564	472	9%	31%	17%	1.2	7.2	8,265	57
Globant S.A.	2,445	522	26%	39%	17%	4.7	27.2	8,384	62
Luxoft Holding, Inc.	1,883	904	3%	37%	11%	2.1	19.8	12,898	70
EPAM Systems, Inc.	8,309	1,843	27%	36%	15%	4.5	29.4	30,156	61
Wipro Limited	18,745	8,239	5%	30%	18%	2.3	12.4	163,827	50
Capgemini SE	21,219	15,110	5%	12%	13%	1.4	11.2	211,300	72
Infosys Limited	42,549	11,545	8%	34%	26%	3.6	14.0	204,107	57
Tata Consultancy Services Limited	101,564	20,191	16%	44%	27%	5.0	18.4	394,998	51
Average	21,929	6,548	13%	33%	17%	2.8	16.6	115,188	57
Median	8,309	1,843	9%	34%	17%	2.3	14.0	30,156	57

share price as of 25Mar19

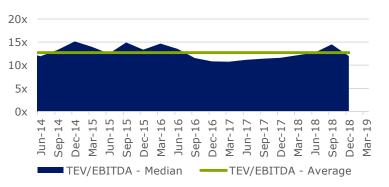


Public Basket Valuation Trends

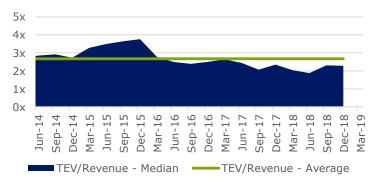




Public EBITDA Multiples over Time



Public Revenue Multiples over Time

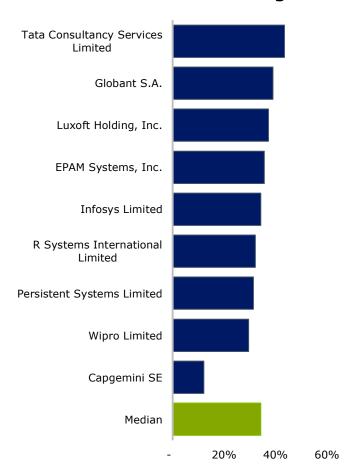




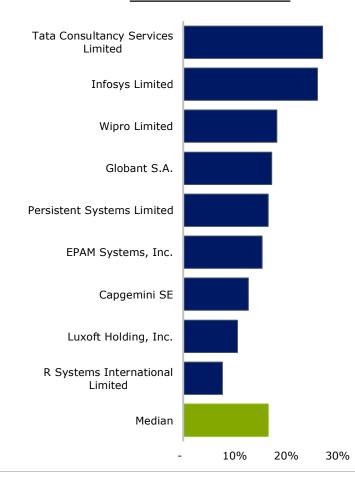
Operational Metrics



LTM Gross Profit Margin %



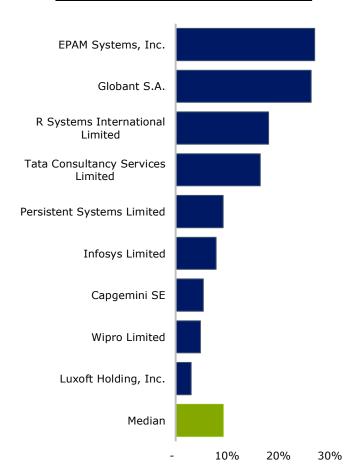
LTM EBITDA %



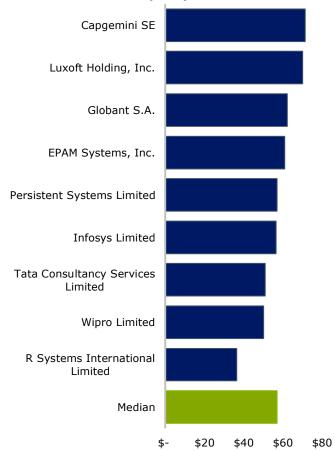
Operational Metrics



LTM Revenue Growth %



LTM Revenue per Full Time Employee x 000's





Operational Metrics



<u>Accounts Receivable Turnover</u>



Average Days Sales Outstanding

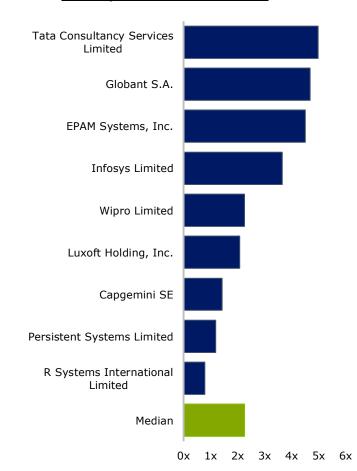




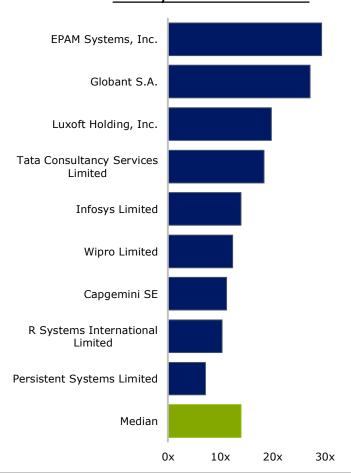
Valuation



TEV / LTM Revenue



TEV / LTM EBITDA

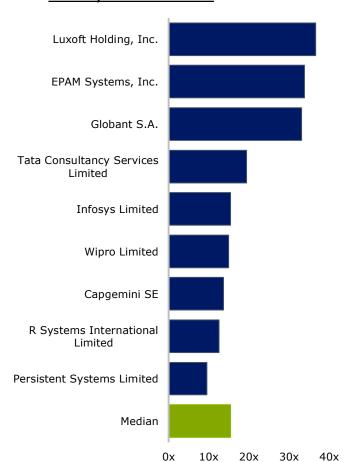




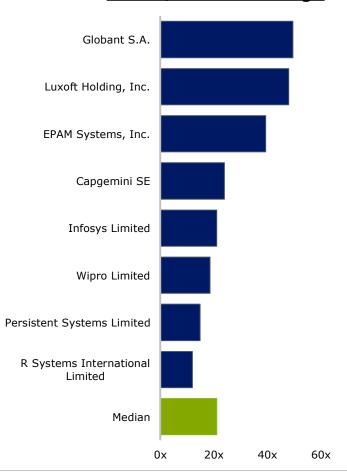
Valuation



TEV / LTM EBIT



Price / LTM Earnings

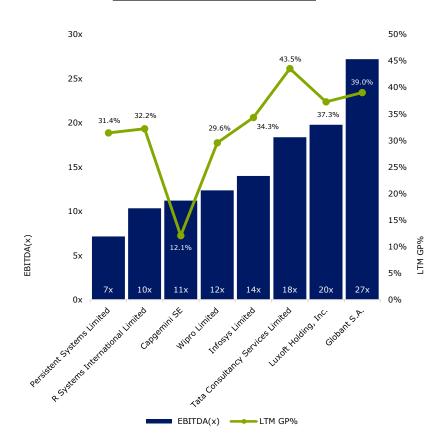




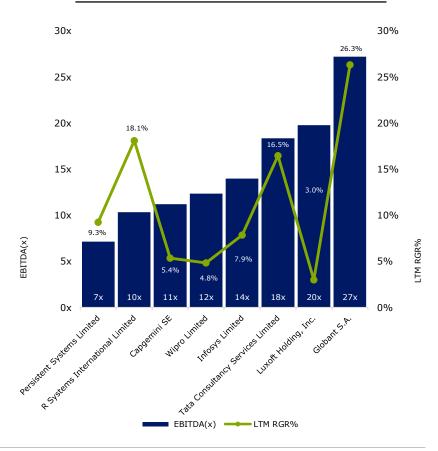
Valuation



Historical Valuation Multiples versus Gross Profit



<u>Historical Valuation Multiples</u> <u>versus Revenue Growth Rate</u>





Recent Transactions



<u>Date</u>	<u>Target</u>	Buyer / Investor	Total Transaction Value	Target Revenue	TEV / Revenue	TEV / EBITDA
15Mar19	Omni Resources, Inc.	Saggezza Inc.	-	-	-	-
3Mar19	Xiamen Kuaiyou Network Technology Co., Ltd.	Hangzhou Gaoxin Rubber & Plastic Materials Co., Ltd.	37.27	-	-	-
21Jan19	New Sports Group Limited	China Goldjoy Group Limited	637.48	134.60	4.8x	NM
7Jan19	InterGlobe Technologies Private Limited	Apollo Global Management, LLC; ICICI Venture Funds Management Company Limited; AION Capital Partners Ltd; Goldman Sachs Asia Strategic Pte. Ltd.	22.92	-	-	-
6Jan19	Luxoft Holding, Inc.	DXC Technology Company	2,072.15	904.44	2.2x	20.6x
20Dec18	DevOps Research and Assessment LLC	Alphabet Inc.	-	-	-	-
11Dec18	4th Source, LLC	AN Global	-	-	-	-
1Nov18	Assembla, LLC	IDERA, Inc.	-	-	-	-
120ct18	Nexii Labs Inc.	GSS Infotech, Inc.	1.36	1.80	0.8x	-
8Oct18	Perfecto Mobile Ltd.	Perforce Software Inc.	200.00	-	-	-
20ct18	Dev9, LLC	Nortal AS	-	-	-	-
17Sep18	Kinex Inc.	Planned Systems International, Inc.	-	-	-	-
13Aug18	iQuest GmbH & Co KG	Allgeier SE	-	34.24	-	-
9Aug18	Pillar Technology Group LLC	Accenture plc	-	52.00	-	-
9Aug18	Mindtribe Product Engineering Inc.	Accenture plc	-	-	-	-
1Aug18	POSTIS, LLC	Fluence Automation, LLC	-	-	-	-
24Jul18	KWR Technologies Limited	Aprose Solutions Limited	-	-	-	-
11Jul18	CA, Inc.	Broadcom Inc.	21,776.02	4,148.00	4.4x	16.4x
28Jun18	Adelante S.r.I.	Wiit S.p.A.	12.52	8.11	1.5x	12.0x
31May18	Altran-Beyondsoft (Beijing) Technologies Co., Ltd.	Altran China Limited	5.13	22.28	0.8x	-
24May18	QUALITEST UK 4 LIMITED	QualiTest Ltd.	4.81	-	-	-
21May18	GlobalLogic Inc.	Canada Pension Plan Investment Board	2,000.00	-	-	-
2Apr18	CATS CO.,LTD.	NTT DATA Corporation; NEXTY Electronics Corporation	-	-	-	-
20Mar18	Goyello Group B.V.	Aspire Systems (India) Pvt. Ltd.	-	-	-	-
12Mar18	eTouch Systems Corp.	Virtusa Corporation	132.08	86.96	1.3x	9.1x
18Jan18	Solekai Systems Corporation	Fairway Technologies, Inc.	-	-	-	-



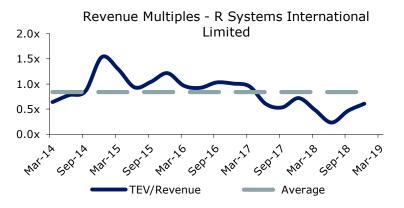


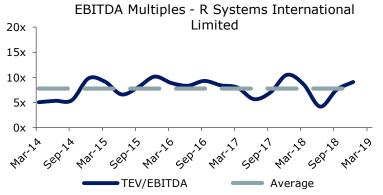


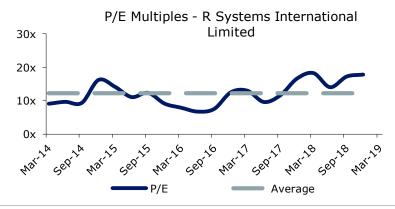


R Systems International Limited

International Limited provides information technology (IT) solutions and business process outsourcing (BPO) services worldwide. The company offers Computaris Convergent Charging solution to converge real-time rating, charging, and billing; mobile broadband management solutions; Computaris mobile virtual network operator (MVNO) in a White Box solution for MVNOs business exigencies; and value added services, as well as product development and maintenance, system integration, technical support and managed, BPO, and testing services to the telecom and digital media industries. It also provides services in area of card less/NFC based transactions; mobile/tablet applications; product customization/ maintenance/ support; third-party and customer relationship management; management integration; ATM on cloud; deposit automation; and passbook printing solutions to financial institutes and software companies. In addition, the company offers OPDintegrated product lifecycle management services, domain consultancy, enterprise application integration, independent testing, implementation, offshore product development, software re-engineering, requirement engineering and GAP analysis. The company was founded in 1993 and is headquartered in Noida, India.







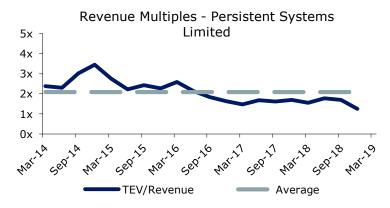


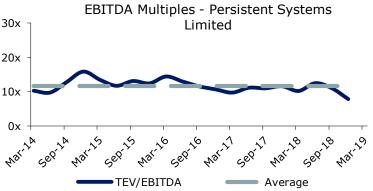


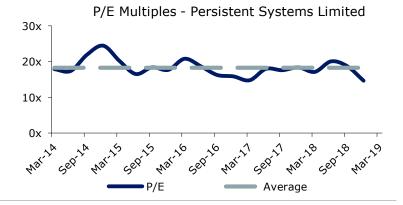
Persistent Systems Limited

Persistent Systems Limited provides computer programming, consultancy, and related services. It operates in four segments: Services, Digital, Alliance, and Accelerite. The company engages in providing software development, professional, and marketing services; technology solutions in the life sciences, telecom, product lifecycle management, and digital practice domains; and the delivery and maintenance of IT software and services. It is also involved in the business of a telecommunication API gateway for defining, exposing, controlling, and monetizing telecom services to partners and application developers; and operating an Internet of Things service creation platform that allows enterprises to add a service layer to the basic APIs exposed to by connected devices, and to expose and monetize these APIs. It serves the banking, financial services, insurance, healthcare and life sciences, and software and technology industries Persistent Systems Limited was incorporated in 1990 and is based in Pune, India.

Date	Key Development Headline
1/28/19	Persistent Systems Intends To Seek Acquisitions
10/22/18	Outsystems, Inc. Recognizes Persistent Systems as Global Partner
10/17/18	Partners Healthcare Launches New Center of Excellence in Collaboration with Persistent Systems Limited, Partners Healthcare Pivot Labs











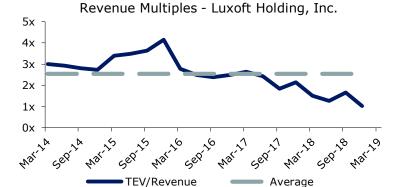
Luxoft Holding, Inc.

Luxoft Holding, Inc., together with its subsidiaries, provides software development services and IT solutions to multinational corporations primarily in Europe and the United States. It offers application software development, software architecture design, performance engineering, optimization and testing, process consulting, and software quality assurance services; functional specification and mock-up, product design, engineering, automated testing, maintenance, support, and performance engineering services; and IT strategy, software engineering process, and data security consulting services. The company's products and platforms include Teora, a suite of developer tools designed to enable automotive human machine interface (HMI) developers build the logic of their user interface; Populus, a tool chain for HMI design and development, and the deployment of automotive user interfaces for distributed embedded systems; AllView, a user-experience and demonstrator that links instrument cluster, head unit, head-up display, and mobile devices. The company was founded in 2000 and is headquartered in Zug, Switzerland.

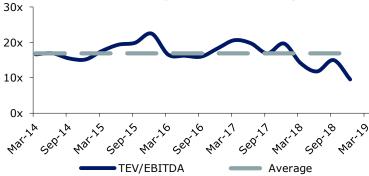
Date

Key Development Headline

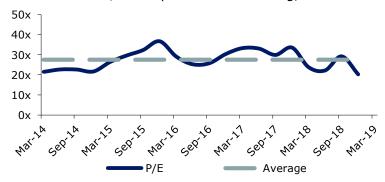
1/7/19 1/6/19 DXC Technology Company, Luxoft Holding, Inc. - M&A Call DXC Technology Company (NYSE:DXC) entered into a definitive agreement to acquire Luxoft Holding, Inc. (NYSE:LXFT) from IBS Group Holding Limited, Codeffroy Ltd., Awosting Ltd. and others for \$2.1 billion.



EBITDA Multiples - Luxoft Holding, Inc.



P/E Multiples - Luxoft Holding, Inc.





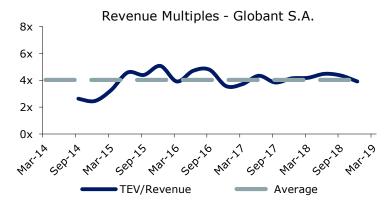


Globant S.A.

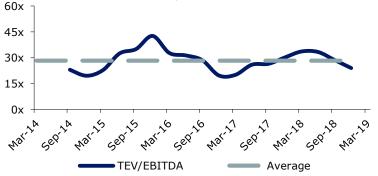
Globant S.A., a technology services company, provides services related to application development, testing, infrastructure management, and application maintenance worldwide. The company offers machine learning, pattern recognition, natural language understanding, future of organizations, customer insight, behavioral change, product innovation, design thinking, product management discovery and delivery, and product coaching services. It also provides process appraisal, automated, process evolution, delivery management, agile consultancy, management consulting, user experience, visual and service, industrial design, mobile engineering, fast prototyping, and mobile and product strategy services. In addition, the company offers game engineering and experience, digital platform, virtual and augmented reality, graphics engineering, 3D and 2D art, e-Sports, data architecture, data science, distributed platform, data integration, data visualization, and blockchain services. Globant S.A. was founded in 2003 and is based in Luxembourg City, Luxembourg.

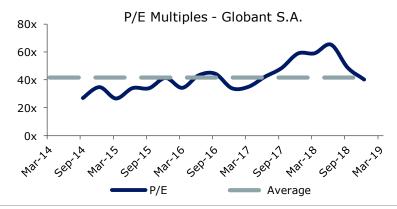
Date Key Development Headline

1/17/19 Globant S.A. (NYSE:GLOB) entered into a binding agreement to acquire Avanxo Colombia for \$48.6 million.









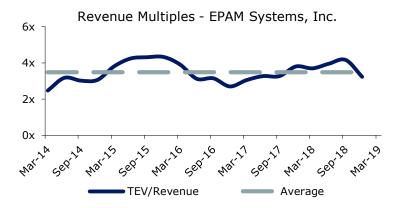


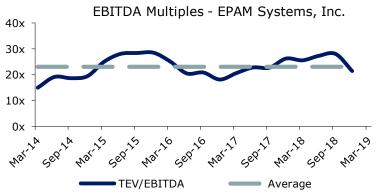


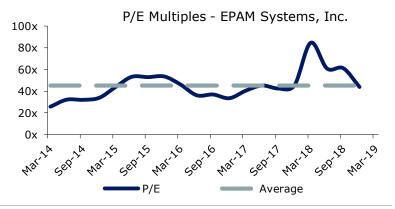
EPAM Systems, Inc.

EPAM Systems, Inc. provides software product development and digital platform engineering services primarily in North America, Europe, Asia, and Australia. It offers software product development services, including product research, customer experience design, prototyping, program management, component design and integration, lifecycle software testing, product deployment, end-user customization, performance tuning, product support and maintenance, managed services, and porting and cross-platform migration. The company provides custom application development services, such as business and technical requirement analysis, user experience design, solution architecture creation and validation, development, component design and integration, quality assurance and testing, deployment, performance tuning, maintenance, legacy applications resupport and engineering/refactoring, porting and cross-platform migration, and documentation. The company was founded in 1993 and is headquartered in Newtown, Pennsylvania.

Date	Key Development Headline
10/31/18	EPAM Systems, Inc. (NYSE:EPAM) acquired Think Limited.
9/17/18	EPAM Systems, Inc. Partners with Positive, on Research-Driven
	Cybersecurity R&D Lab
3/14/18	EPAM Systems, Inc. (NYSE:EPAM) acquired Continuum LLC.
1/11/18	Epam Systems and Black Box Create In-Store Dynamic
	Advertising Solution Using Instant Facial Recognition







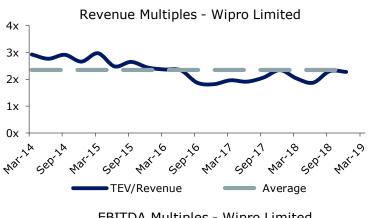


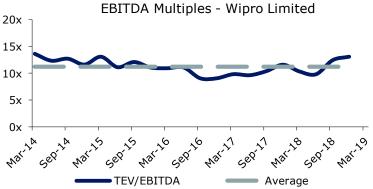


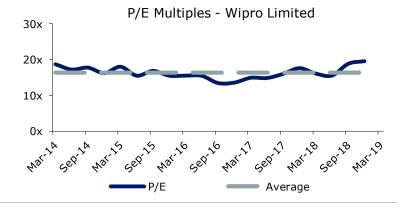
Wipro Limited

Wipro Limited operates as an information technology (IT), consulting, and business process services (BPS) company worldwide. The company' s IT Services segment offers a range of IT and IT-enabled services, including digital strategy advisory, customer centric design, technology consulting, IT consulting, custom application design, development, re-engineering and maintenance, systems integration, package implementation, infrastructure services, analytics services, BPS, research and development services, and hardware and software design services to various enterprises. Wipro Limited was founded in 1945 and is headquartered in Bengaluru, India.

Date	Key Development Headline
2/26/19	Alight Solutions LLC entered into an agreement to acquire Workday and Cornerstone OnDemand business from Wipro Limited (BSE:507685) for approximately \$110 million.
8/30/18	Wipro Limited (BSE:507685) completed the acquisition of Alight HR Services India Pvt Ltd from Alight Solutions.
7/27/18	Wipro Seeks Acquisitions
7/19/18	Wipro Limited (BSE:507685) signed an agreement to acquire Alight HR Services India Pvt Ltd from Alight Solutions for approximately \$120 million.
6/26/18	Ensono Holdings, LLC completed the acquisition of Wipro Data Centre and Cloud Services, Inc. and Portion of Datacenter Business In Germany and UK from Wipro Limited (BSE:507685).







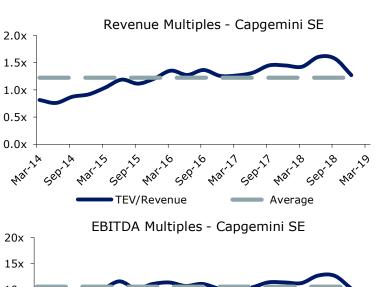


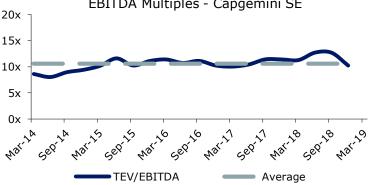


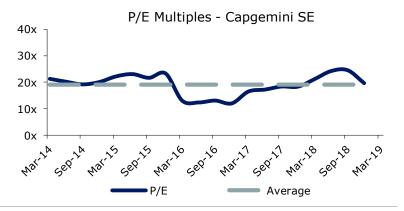
Capgemini SE

Capgemini SE provides consulting, technology, and digital transformation services. It addresses clients' opportunities in the world of cloud, digital, and platforms, as well as enables organizations to realize business ambitions through an array of services from strategy to operations. The company's Consulting Services segment offers strategy and transformation consulting services primarily in digital transformation that enhance the performance of organizations based on intimate client relationships, and the knowledge of client industries and processes. Its Technology & Engineering Services segment provides assistance and support to internal IT teams of client companies. Capgemini SE was founded in 1967 and is based in Paris, France.

Date	Key Development Headline
2/20/19	Capgemini SE (ENXTPA:CAP) completed the acquisition of Leidos Cyber, Inc. from Leidos Intermediate Holdings, Inc. and others.
2/14/19	Capgemini To Seek Acquisitions
6/21/18	Capgemini Seeks Acquisitions in India
6/6/18	Capgemini SE (ENXTPA:CAP) entered into an agreement to acquire Leidos Cyber, Inc. from Leidos Intermediate Holdings, Inc. and others.
6/4/18	SAP SE to Team with Accenture, Capgemini and Deloitte to Accelerate Customer Adoption of SAP S/4Hana(R) Cloud in Target Industries









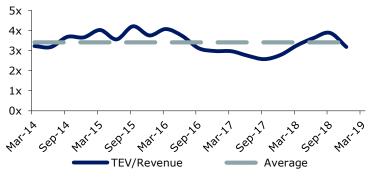


Infosys Limited

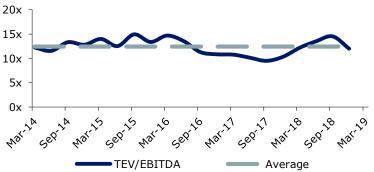
Infosys Limited, together with its subsidiaries, provides consulting, technology, and outsourcing services in North America, Europe, India, and internationally. It provides business information technology services, including application development and maintenance, independent validation, infrastructure management, and business process management services, as well as engineering services, such as engineering and life cycle solutions; and consulting and systems integration services comprising consulting, enterprise solutions, systems integration, and advanced technologies. Infosys Limited was founded in 1981 and is headquartered in Bengaluru, India.

Date	Key Development Headline
1/11/19	Infosys Drops Plan To Sell Panaya, Skava and Kallidus
1/9/19	Amazon Web Services, Inc. completed the acquisition of CloudEndure Ltd. from Infosys Limited (NSEI:INFY) and others.
12/26/18	Infosys Seeks Investments
12/14/18	Amazon Web Services, Inc. entered into an agreement to acquire CloudEndure Ltd. from Infosys Limited (NSEI:INFY) and others.
12/13/18	Infosys Announces Joint Venture with Hitachi, Panasonic and Pasona in Japan

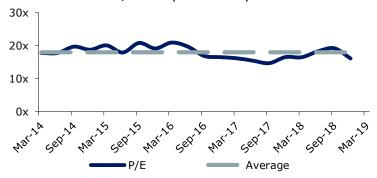
Revenue Multiples - Infosys Limited



EBITDA Multiples - Infosys Limited



P/E Multiples - Infosys Limited



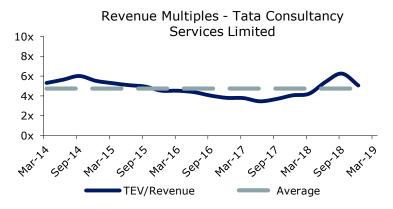


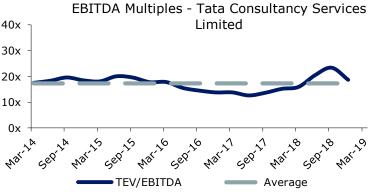


Tata Consultancy Services Limited

Tata Consultancy Services Limited provides information technology (IT) and IT enabled services worldwide. The company offers CHROMA, a cloud-based talent management solution that enables organizations to drive transformational employee experiences; ignio, a cognitive automation system; iON, an assessment solution; TAP, a cloud solution, including TAP contract management, purchasing, accounts payable, and supplier management solutions; and TCS MasterCraft, a digital platform to automate and manage IT processes. It also provides customer intelligence and insight solutions to deliver personalized retail, banking, and communications experiences; Intelligent Urban Exchange, an enterprise software to accelerate smart city transportation, water, and energy programs for cities. Tata Consultancy Services Limited is a subsidiary of Tata Sons Limited.

Date	Key Development Headline
2/11/19	Tata Consultancy Services Announces Global Partnership with JDA Software to Build Next-Generation Cognitive Solutions
1/10/19	TCS Seeks Acquisitions
12/18/18	Tata Consultancy Services Extends Collaboration with Red Hat to Build Microservices-Based Open Source Solutions and Frameworks
11/27/18	Tata Consultancy Services Limited (NSEI:TCS) acquired Assets of BridgePoint Group, LLC.
11/20/18	Tata Consultancy Services Partners with SAP to Build Intelligent Rail Digital Maintenance







CONTACT INFO

7MA provides Investment Banking & Advisory Services to the Business Services and Technology Industries globally. We advise on M&A and private capital transactions and provide market assessments and benchmarking. As a close-knit team with a long history together and a laser focus on our target markets, we help our clients sell their companies, raise capital, grow through acquisitions, and evaluate new markets. Securities offered through 7M Securities LLC.

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