Healthcare Provider IT Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016

Healthcare and Life sciences ITS
Market Report – November 2016 – Preview Deck

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Our research offerings for global services

- **Market Vista™**
  Global services tracking across functions, sourcing models, locations, and service providers – industry tracking reports also available
- **BFSI[1] Information Technology**
- **BFSI[1] Business Process**
- **Healthcare & Life Sciences ITS**
- **Healthcare & Life Sciences BPS**
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- **Contact Center**
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- **Transaction Intelligence**

Custom research capabilities

- Benchmarking | Pricing, delivery model, skill portfolio
- Peer analysis | Scope, sourcing models, locations
- Locations | Cost, skills, sustainability, portfolio – plus a tracking tool
- Tracking services | Service providers, locations, risk
- Other | Market intelligence, service provider capabilities, technologies, contract assessment

Subscription information

- The full report is included in the following subscription(s)
  – **Healthcare & Life Sciences ITS**
- In addition to published research, a subscription may include analyst inquiry, data cuts, and other services
- **If you want to learn whether your organization has a subscription agreement or request information on pricing and subscription options, please contact us**

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1 Banking, financial services, and insurance

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Background and scope of the research

Background of the research

The Healthcare and Life Sciences (HLS) landscape has been subject to significant turbulence on account of a gamut of factors including escalating costs, widespread regulatory amendments, changing business models, and evolution of the patient-centric paradigm (with mobile computing, social media platforms, “anytime-anywhere” information access, and self-service channels). This combination of disruptive and legacy factors has driven HLS firms to adopt new technologies, while also revamping their existing systems, processes, and interfaces.

As the technology mandate for HLS enterprises evolves, so do their relationships with IT service providers. This, in turn, is driving the need for relevant research and market intelligence on demand and supply trends in HLS IT services across the three major market segments – payer, provider, and life sciences. Everest Group’s HLS IT research program addresses this market requirement by analyzing outsourcing trends and service provider capabilities specific to IT services in the healthcare and life sciences vertical.

In this report, we analyze the capabilities of 22 IT service providers specific to the global healthcare provider sector. These service providers are mapped on the Everest Group Performance | Experience | Ability | Knowledge (PEAK) Matrix, which is a composite index of a range of distinct metrics related to a provider’s capability and market success. We focus on:

- Provider IT market trends
- The landscape of service providers for provider IT
- Assessment of the service providers on a number of capability-related dimensions
- Implications for provider IT buyers and service providers

Scope of this report

- **Industry:** Healthcare providers (large health systems, stand-alone hospitals, pharmacists, physician practices, and diagnostic labs)
- **Services:** Multi-year (>3 years) and annuity-based IT services
- **Geography:** Global (though with a slight skew towards the U.S. provider market, given dominant market activity)
- **Sourcing model:** Third-party IT transactions; excludes shared services or Global In-house Centers (GICs)

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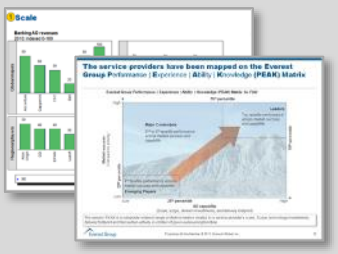
This report is a part of Everest Group's series of reports focused on IT services in healthcare and life sciences in 2016

Focus of report

Annual report



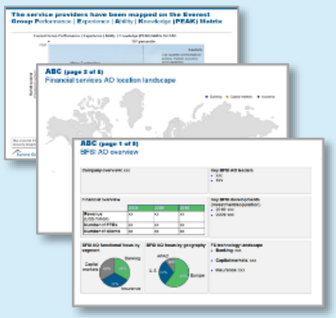
- Each report provides an overview of the ITS market for the specific healthcare subsegment
- Analysis includes the following content in the specific HLS subsegment:
  - Trends in ITS in the overall HLS industry
  - Market trends and activity for large IT services relationships
  - Emerging themes driving ITS
  - Future outlook for ITS

Payer

Life sciences

Provider

Service provider landscape and capability profiles



This set of reports is focused on key HLS subsegments, and some crucial processes / value-chain elements for the subsegments
Each report provides:

- Mapping of service providers on **Everest Group's PEAK Matrix**
- Capability profiles of service providers capturing their IT services experience. This includes:
  - Service provider overview: Details of IT services capabilities, key investments, proprietary solutions, and technological expertise
  - Functional / Line of Business (LoB) focus
  - Transactions overview for IT services
  - Delivery footprint

Payer
- *Global IT*

Life sciences
- IT infrastructure services
- IT application services
- Digital services

Provider
- Global IT
- EMR/EHR implementation

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Everest Group's healthcare outsourcing research is based on two key sources of proprietary information

1

- Everest Group's proprietary database of 1,000+ large, multi-year IT services contracts within healthcare (updated annually)
- The database tracks the following elements of each large ITS relationship:
  – Buyer details including industry, size, and signing region
  – Contract details including TCV, ACV, term, start date, service provider FTEs, and pricing structure
  – Activity broken down separately for healthcare payer, life sciences, and provider, and by business subsegment (for example, pharmaceuticals and medical devices)
  – Scope coverage of functional activities and buyer geography
  – Global sourcing leverage including delivery locations and level of offshoring

2

- Everest Group's proprietary database of **operational capability of major healthcare and life sciences IT service providers** (updated annually)
- The database tracks the following capability elements for each service provider:
  – Overall revenue, total employees, and healthcare employees
  – Major healthcare IT clients and recent wins
  – Recent HLS-related developments
  – HLS IT delivery locations
  – HLS IT service suite
  – Domain capabilities, proprietary solutions, and intellectual property investments

Service providers covered in the analysis[1,2]

1 Assessment for Atos, BT Global Services, IBM, Tech Mahindra, and Unisys excludes service provider inputs on this particular study and is based on Everest Group's estimates, which leverage Everest Group's proprietary Transaction Intelligence (TI) database, ongoing coverage of Atos, BT Global Services, IBM, Tech Mahindra, and Unisys, service provider public disclosures, and interaction with buyers

2 RFI submitted by Dell Services before completion of acquisition by NTT DATA. New entity is known as NTT DATA Services

Confidentiality: Everest Group takes its confidentiality pledge very seriously. Any information that is contract-specific, will be presented back to the industry only in an aggregated fashion

Source: Everest Group (2016)

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Overview and abbreviated summary of key messages

This report provides a comprehensive assessment of the service provider landscape for provider IT services in the healthcare provider industry, and maps the leading service providers on Everest Group's PEAK Matrix. It also includes segment-wise analysis incorporating enterprises' feedback about service providers.

Some of the findings in this report, among others are:

PEAK Matrix for healthcare provider IT services

- Analysis of the service provider landscape for healthcare provider IT services leveraging the Everest Group's PEAK Matrix reveals three distinct categories of service providers: Leaders, Major Contenders, and Aspirants
- Although the provider IT market is expected to post a sharp growth in the long-term due to EHR and Meaningful Use tenets, there are distinct headwinds in the short- / medium-term, given regulatory uncertainty, mega payer mergers, and consumer engagement dynamics. Providers are also dealing with the value-based reimbursement mandate while balancing revenue growth imperatives
- Leaders have a balanced portfolio spanning deep domain expertise, technology prowess, and consulting capabilities to help providers navigate these uncertain times
- Major Contenders are attempting to capitalize on the anti-incumbency wave and are also ramping up capabilities through investments in developing solutions, specifically around automation and digital capabilities, to bridge the gap
- Aspirants' healthcare provider business is at a relatively fledgling stage and is not a primary area of focus. They tend to lag in terms of domain expertise & geographic footprint, approaching the domain from a tactical lens vs. a strategic one

Implications for key stakeholders

- Enterprises expect service providers to assume greater ownership of technology engagements and bring innovation to the fore to deliver tangible business value
- Providers firms are increasingly expecting service providers to deliver integrated services for attainment of specific business outcomes such as patient engagement and care delivery, irrespective of the individual service silos (infrastructure, applications, or business processes) involved
- Service providers should develop specialized skills and IP in the automation space across the applications-infrastructure services spectrum

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Profiles of provider IT service providers (continued)

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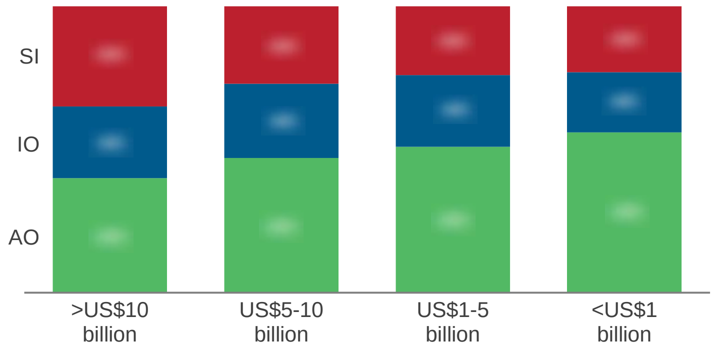
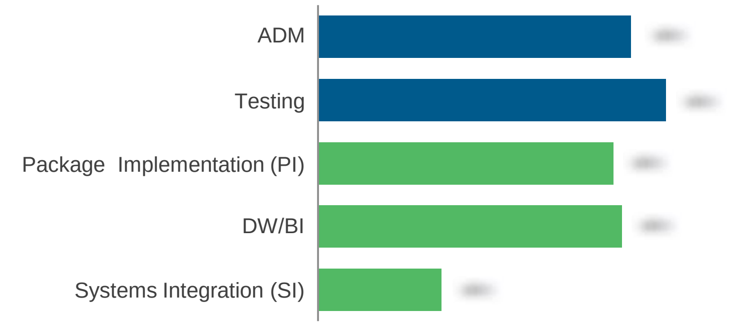
This study provides a deep dive into the healthcare provider IT service provider landscape; below are few charts to illustrate the depth of the report

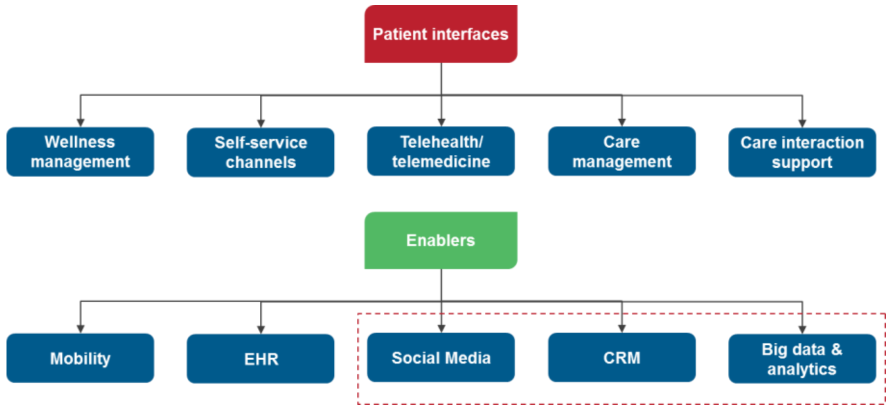
Provider ITO market – service type analysis by buyer size
US$ billion



Subfunctions in large provider AO transactions
Frequency of inclusion



Key components of a patient engagement investment strategy



Delivery capability and market success assessment of service providers

Measure of capability / market success: Best-in-class; Very high; High; Medium high; Medium; Medium low; Low; Not mature

Service provider	Delivery capability					Market success
	Scale	Scope	Domain expertise and innovation	Delivery footprint	Buyer satisfaction	
Service Provider 1	Medium high	Very high	High	Very high	High	Very high
Service Provider 2	High	Best-in-class	High	High	Very high	Very high
Service Provider 3	Medium high	Medium low	Very high	Low	High	Very high
Service Provider 4	High	Medium low	Very high	Low	Best-in-class	Medium high
Service Provider 5	High	Medium low	High	Medium	Medium high	Very high
Service Provider 6	Medium high	High	High	Low	Medium high	Medium

Source: Everest Group (2016)

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Profile sample: Service Provider XXX | Provider IT services profile (page 1 of 2)

Provider IT services overview

Strengths

[illegible]

Areas of improvement

[illegible]

Scope and coverage:

[illegible]

Provider IT services revenue

<US$100 million	US$300-500 million
US$100-300 million	>US$500 million

Provider IT services focus by Lines of Business (LoB)

■□□ Low ■■□ Medium ■■■ High

Large health systems	■□□	Stand-alone hospitals/clinics	■■□
Pharmacists	■□□	Diagnostic labs	■□□
Physician practices	■■□		

Provider IT services focus segments

■□□ Low ■■□ Medium ■■■ High

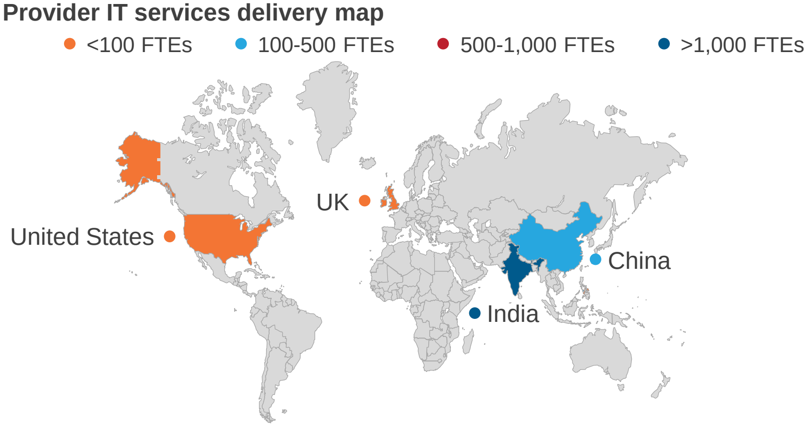
Small (annual revenue < US$1 billion)	□□□
Medium (annual revenue = US$1-5 billion)	■□□
Large (annual revenue > US$5 billion)	■□□

Provider IT services focus by service scope

■□□ Low ■■□ Medium ■■■ High

Infrastructure services	■■□	SI/consulting	■□□
Application services	■□□		

Provider IT services delivery map



Provider IT services focus by value-chain

■□□ Low ■■□ Medium ■■■ High

Patient engagement	■□□	Financial and network management	■□□
Care management	■□□	Compliance	■■□
Diagnostics, treatment, and monitoring	■■□		

Source: Everest Group (2016)

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Profile sample: Service Provider XXX | Provider IT services profile (page 2 of 2)

Offerings and recent developments

Proprietary solutions (representative list)	
Solution	**Details**
Solution A	Description and value proposition
Solution B	Description and value proposition

Key events (representative list)		
Event name	**Type of event**	**Details**
Event A	Reorganization	Description
Event B	GTM partnership	Description
Event C	M&A	Description
(several)	Partnerships	Has alliances with vendors such as X, Y, and Z

Source: Everest Group (2016)

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Healthcare & Life sciences IT services research calendar

Published | Current

Topic	Release date
IT Outsourcing in Healthcare Payer Industry – Service Provider Landscape with PEAK Matrix™ Assessment 2015	November 2015
IT Outsourcing in the Healthcare Payer Industry – Annual Report 2015	November 2015
IT Outsourcing in Healthcare Payer Industry: Big Data and Analytics – Service Provider Landscape with PEAK Matrix™ Assessment 2015	November 2015
IT Outsourcing in the Healthcare Provider Industry – Service Provider Landscape with PEAK Matrix™ Assessment 2015	November 2015
IT Outsourcing in Healthcare Payer Industry: Digital – Service Provider Landscape with PEAK Matrix™ Assessment 2015	November 2015
IT Outsourcing in Healthcare Provider Industry – Annual Report 2015	January 2016
State of the Healthcare and Life Sciences IT Market: 2016	March 2016
IT Outsourcing in the Life Sciences Industry – Service Provider Profile Compendium 2015	March 2016
Healthcare & Life Sciences Digital Adoption Trends – Digital Adoption Driven by Consumerization of Healthcare	April 2016
Pre-competitive Collaboration Platforms in the Biopharmaceutical Industry	May 2016
IT Outsourcing in Healthcare Payer Industry – Service Provider Profile Compendium 2015	June 2016
Life Sciences IT Infrastructure Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	July 2016
Hot Healthcare Start-ups: Dawn of a New World Order	August 2016
Life Sciences IT Application Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	September 2016
Life Sciences Digital IT Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	September 2016
Healthcare Payer IT Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	October 2016
Healthcare Provider IT Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	November 2016
Healthcare Provider EMR/EHR Implementation Services – Service Provider Landscape with PEAK Matrix™ Assessment 2016	Q4 2016

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Additional Healthcare & Life Sciences research references

The following documents are recommended for additional insight into the topic covered in this report. The recommended documents either provide additional details on the topic or complementary content that may be of interest

1. **Healthcare Provider IT Services: The Big Bang MACRA-economic Theory of Provider IT Transformation (**EGR-2016-12-R-1978**),** November 2016: This report provides an overview of the IT market for the healthcare provider industry. Analysis includes market size & growth, forecasts (up to 2020), demand drivers, adoption & scope trends, key areas of investment, and implications for key stakeholders. The report also talks about service provider landscape evolution, sourcing priorities, location advantages, and key differentiators

2. **Hot Healthcare Start-ups: Dawn of a New World Order** (EGR-2016-12-R-1882); August 2016. Cost, access, and quality problems have plagued the US healthcare market in the recent years. Stakeholders are trying to tackle endemic industry issues through technology use. Consumer expectations are fundamentally changing from their healthcare experience. Stakeholders are trying to evolve the operating model of healthcare in the new normal. Start-ups have a fertile ground to reap benefits through innovative solutions that address these challenges through a fresh approach combining the elements of user experience (UX), design, and digital channels. Hence, even though the overall funding climate has begun to show signs of correction, healthcare is witnessing a sustained resurgence in investment activity. Services providers, enterprise buyers, and investment firms alike have varied reasons to better understand this exciting landscape and unlock opportunities in a fast evolving market. From a long list of over 200 start-ups, we selected start-ups in five primary areas of investments – care financing, care management, EHR, practice management, and telehealth. This report provides an overview of the challenges these start-ups are trying to address, how they are disrupting the status quo, and hyper-catalyzing the innovation mandate. It also covers the five hot start-ups in each of the five areas with spotlight on business overview, leadership details, funding trail, and disruption across technology & business, as well as market buzz.

3. **Healthcare & Life Sciences Digital Adoption Trends – Digital Adoption Driven by Consumerization of Healthcare** (EGR-2016-4-R-1748); April 2016. This report focuses on digital adoption by Healthcare and Life Sciences (HLS) enterprises across North America and Europe. It establishes a definitional framework for digital adoption and assesses the extent of digital technology adoption amongst HLS enterprises. The research identifies drivers for adoption, adoption maturity of digital technologies by HLS enterprises, optimism levels based on existing investments, and key priorities for the future. The report also identifies key implications for HLS enterprises and service providers

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Everest Group is a consulting and research firm focused on strategic IT, business services, and sourcing. We are trusted advisors to senior executives of leading enterprises, providers, and investors. Our firm helps clients improve operational and financial performance through a hands-on process that supports them in making well-informed decisions that deliver high-impact results and achieve sustained value. Our insight and guidance empowers clients to improve organizational efficiency, effectiveness, agility, and responsiveness. What sets Everest Group apart is the integration of deep sourcing knowledge, problem-solving skills and original research. Details and in-depth content are available at www.everestgrp.com.

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