



# Enterprise Blockchain Services PEAK Matrix™ Assessment 2020: Getting the Economics of Consensus Right

Digital Services

Market Report – December 2019: Complimentary Abstract / Table of Contents

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## 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

# Table of contents (page 1 of 2)

| Topic   | Page no. |
|---|----------|
| <b>Background and methodology</b> .....   | 6        |
| <b>Executive summary</b> .....  | 7        |
| • Summary of key messages .....   | 8        |
| <b>Section I: Enterprise Blockchain Services PEAK Matrix™ Assessment 2020 characteristics</b> ..... | 9        |
| • PEAK Matrix framework .....   | 10       |
| • Everest Group PEAK Matrix for blockchain services .....   | 13       |
| • Characteristics of Leaders, Major Contenders, and Aspirants .....                                 | 14       |
| • Features of Start Performers .....  | 14       |
| • Summary dashboard .....   | 17       |
| <b>Section III: Profiles of blockchain service providers</b> .....                                  | 21       |
| • Leaders .....   | 22       |
| – Accenture .....   | 22       |
| – Cognizant .....   | 26       |
| – HCL .....   | 30       |
| – IBM .....   | 34       |
| – Infosys .....   | 38       |
| – NTT Data .....  | 42       |
| – TCS .....   | 46       |
| – Wipro .....   | 50       |
| • Major Contenders .....  | 55       |
| – Atos .....  | 55       |
| – Capgemini .....   | 59       |
| – Deloitte .....  | 63       |
| – Deqode .....  | 66       |
| – DXC technology .....  | 70       |
| – EY .....  | 74       |

# Table of contents (page 2 of 2)

---

| Topic               | Page no.   |
|---------------------|------------|
| • Major Contenders  |            |
| – Fujitsu           | 77         |
| – GFT               | 80         |
| – KPMG              | 84         |
| – LTI               | 87         |
| – Mphasis           | 91         |
| – PwC               | 95         |
| – Synechron         | 98         |
| – Tech Mahindra     | 102        |
| – Virtusa           | 106        |
| • Aspirants         |            |
| – 3i Infotech       | 110        |
| – Birlasoft         | 114        |
| – GAVS Technologies | 118        |
| – Innominds         | 122        |
| – NIIT Technologies | 126        |
| – UST Global        | 130        |
| – Zensar            | 134        |
| <b>Appendix</b>     | <b>138</b> |
| • Glossary of terms | 139        |
| • Research calendar | 140        |
| • References        | 141        |

# Background of the research

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## Background of the research

- Blockchain technology is signaling enterprise readiness and moving beyond the hype phase, where it had captured the attention of visionaries, technologists, governments, and enterprises alike. Blockchain has witnessed widespread adoption across industries, with projects moving from Proof of Concepts (POCs) to deployment stages
- Enterprise blockchain technology has presented an opportunity for service providers to reinvent services delivery model. Given the nature of technology, it demands an ecosystem play, and thus the role of service providers as orchestrators of business outcomes enabled by digital levers (including blockchain) becomes more prominent
- In this research, we present an assessment of 30 leading enterprise blockchain service providers plotted on the proprietary Everest Group PEAK Matrix, along with their detailed profiles. Each service provider profile comprises details of service capabilities, scale of operations, and domain investments
- The assessment is based on Everest Group's annual RFI process for the calendar year 2019, direct interaction with leading blockchain service providers, client reference checks, and an analysis of the enterprise blockchain services market

## Scope of this report

- **Services:** Enterprise blockchain services
- **Geography:** Global
- **Service providers:** 30 leading enterprise blockchain service providers

## This report includes the profiles of the following 30 service providers on the enterprise blockchain services PEAK Matrix™:

- **Leaders:** Accenture, Cognizant, HCL Technologies, IBM, Infosys, NTT Data, TCS, and Wipro
- **Major Contenders:** Atos, Capgemini, Deloitte, Deqode, DXC Technology, EY, Fujitsu, GFT, KPMG, LTI, Mphasis, PwC, Synechron, Tech Mahindra, and Virtusa
- **Aspirants:** 3i-Infotech, Birlasoft, GAVS Technology, Innominds, NIIT Technologies, UST Global, and Zensar
- **Star performers:** Atos, Cognizant, DXC Technology, GFT, NTT DATA, TCS, Tech Mahindra, and Wipro

# Overview and abbreviated summary of key messages

This report examines the enterprise blockchain service provider landscape and its impact on the blockchain services market. It focuses on service provider position and growth, changing market dynamics and emerging service provider trends, assessment of service provider delivery capabilities, and key service provider profiles.

## Summary of key characteristics of Leaders, Major Contenders, and Aspirants

### Leaders

- Leaders have invested ahead of the blockchain adoption curve. They are helping clients integrate blockchain as part of a broader digital transformation journey
- They demonstrate the blockchain vision of realizing ROI for enterprises by showcasing thought leadership on new business and revenue models and continuously assisting clients in understanding the economics of adopting blockchain
- They drive impact in the market through their experience in live deployments and have made investments in consortia, developing in-house blockchain platforms, and educating the industry on running and maintaining blockchain networks

### Major Contenders

- Major Contenders comprise a range of players with varying focus, with some restricting themselves in specific geographies and industries
- They have a dedicated blockchain practice with active focus on developing POCs and are increasing their experience in live deployments

### Aspirants

- These firms are getting started with their blockchain practice and have made limited investments. They have developed specific blockchain solutions and are focusing on taking them to market

# This study offers an assessment of leading providers of enterprise blockchain services and provides a deep dive into key aspects of each service provider

## Assessment of enterprise blockchain service providers 2020<sup>1</sup>



Note: Assessment for Deloitte, EY, Fujitsu, KPMG, Innominds, LTI, NIIT Technologies, Virtusa, and PwC excludes service provider inputs, and is based on Everest Group's proprietary database, service provider public disclosures, and Everest Group's interactions with blockchain clients. For these companies, Everest Group's data for assessment may be less complete

Source: Everest Group (2019)

## Capability assessment

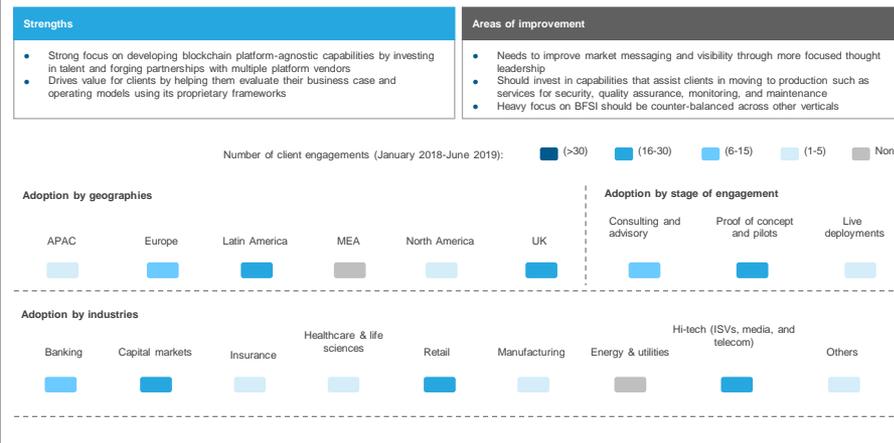
Illustrative example

Measure of capability: ● High ○ Low

| Service provider   | Market impact   |               |                 |         | Vision & capability |                     |                            |                    |         |
|--------------------|-----------------|---------------|-----------------|---------|---------------------|---------------------|----------------------------|--------------------|---------|
|                    | Market adoption | Portfolio mix | Value delivered | Overall | Vision and strategy | Services capability | Innovation and investments | Delivery footprint | Overall |
| Service provider 1 | ●               | ○             | ●               | ●       | ●                   | ○                   | ●                          | ●                  | ●       |
| Service provider 2 | ○               | ○             | ○               | ○       | ○                   | ○                   | ●                          | ○                  | ○       |
| Service provider 3 | ○               | ●             | ○               | ●       | ●                   | ○                   | ○                          | ○                  | ●       |
| Service provider 4 | ○               | ○             | ○               | ○       | ●                   | ○                   | ○                          | ○                  | ○       |
| Service provider 5 | ●               | ○             | ○               | ○       | ○                   | ○                   | ○                          | ○                  | ○       |
| Service provider 6 | ○               | ○             | ○               | ○       | ○                   | ○                   | ○                          | ○                  | ○       |
| Service provider 7 | ○               | ○             | ○               | ○       | ○                   | ○                   | ●                          | ○                  | ○       |
| Service provider 8 | ○               | ○             | ○               | ○       | ○                   | ○                   | ○                          | ○                  | ○       |
| Service provider 9 | ○               | ○             | ○               | ○       | ○                   | ○                   | ○                          | ○                  | ○       |

## Everest Group's remarks on service providers

Illustrative example



# Research calendar – Digital Services

Published
  Planned
  Current release

## Flagship Digital Services reports

### Release date

|  |                      |
|--|----------------------|
| Digital Services – Annual Report 2018: Future Operating Model to Scale Digital .....                               | July 2018            |
| IoT Services Annual Report 2018 .....  | August 2018          |
| IoT Services PEAK Matrix™ Assessment and Market Trends 2018 .....  | December 2018        |
| Digital Services PEAK Matrix™ Assessment and Market Trends 2019 .....  | December 2018        |
| Digital Interactive Services PEAK Matrix™ Assessment and Market Trends 2019 .....                                  | August 2019          |
| <b>Enterprise Blockchain Services PEAK Matrix™ Assessment 2020: Getting the Economics of Consensus Right</b> ..... | <b>December 2019</b> |
| Connected Ecosystem Services PEAK Matrix™ Assessment and Market Trends 2020 .....                                  | Q1 2020              |

## Thematic Digital Services reports

|   |               |
|---|---------------|
| Design Thinking: Innovation Catalyst for Digital Transformation .....                                   | July 2017     |
| Enterprise Bots Adoption .....  | July 2017     |
| BigTech Battle: Leading Internet of Things (IoT) Platforms Assessment – A Selection Guide .....         | October 2018  |
| Customer Experience Trailblazers – Experience Spearheading the Digital Economy .....                    | February 2019 |
| BigTech Battle: Digital Experience Platforms Assessment – Rise of the Digital Experience Platform ..... | June 2019     |
| AI Masterclass   Recalibrate Your AI Impact – Insights From 230 AI Use Cases Across Industries .....    | October 2019  |
| BigTech Battle: Assessing Enterprise Readiness of Managed Blockchain Platforms .....                    | December 2019 |
| BigTech Battle: Assessing Enterprise Readiness of Blockchain Frameworks .....                           | Q1 2020       |

Note: For a list of all Digital Services reports published by us, please refer to our [website page](#)

# Additional Digital Services research references

The following documents are recommended for additional insight on 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. **BigTech Battle: Assessing Managed Blockchain Platform Readiness for Enterprise Use – Gearing Up for the Adoption Wave** ([EGR-2019-33-R-3433](#)); 2019. The predominant means of adopting blockchain for many enterprises is open source blockchain frameworks, while many are considering managed blockchain platforms in search of a mature and deployment-ready solution that is easy to adopt, maintain, and manage. This report is an assessment of 12 such platforms to understand their readiness for enterprise use
2. **Enterprise Guidebook for Blockchain Adoption: A Compilation of Insights from 320+ Blockchain Projects** ([EGR-2019-33-R-3095](#)); 2019. In this research, we analyzed 320+ blockchain case studies to understand the blockchain adoption journey for leaders across industries. We also identified more than 90 use cases across 10+ industries offering proof points of blockchain adoption. This report also provides a roadmap for blockchain adoption to enterprise executives leading blockchain initiatives, helping them to extract maximum impact by studying the value currently being delivered and building pragmatic hypotheses on potential value
3. **Blockchain Services PEAK Matrix™ Assessment 2019: Race to Make Enterprise Blockchain Real** ([EGR-2018-31-R-2836](#)); 2018. In this research, we assess the vision & capability and market impact generated by 27 service providers for blockchain services capabilities. These providers were mapped on the Everest Group PEAK Matrix™, which is a composite index of a range of distinct metrics related to each provider's vision & capability and market impact to identify Leaders, Major Contenders, and Aspirants

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