



BigTech Battle: Assessing Managed Blockchain Platform Readiness for Enterprise Use – Gearing Up for the Adoption Wave

Digital Services
Market Report – December 2019

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- Results of managed blockchain platform readiness assessment for enterprise use
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Background, scope, and methodology for assessing readiness of managed blockchain platforms for enterprise use

- Blockchain technology is moving beyond the hype phase, where it had captured the attention of visionaries, technologists, government workers, and enterprises alike, signaling readiness for use at scale . Blockchain has been adopted widely across industries, with projects moving from Proofs of Concepts (POCs) to deployment
- Enterprises are betting big on blockchain technology and are actively looking for easy ways to understand, prototype, and deploy blockchain-based solutions. Although open source blockchain frameworks have exploded in popularity in recent years, many enterprises today are looking for mature and deployment-ready solutions that are easy to adopt, maintain, and manage, presenting an interesting market opportunity for vendors to build service-focused platforms on top of such frameworks
- This report explores the managed blockchain market and assesses 12 players on their capabilities, enterprise readiness, and potential impact

Scope of this report



Industry
All industries implementing blockchain



Market segment
Managed blockchain platform



Geography
Global



Sources

- Everest Group's proprietary service provider intelligence database, enterprise discussions, and public disclosures
- Service provider briefings and discussions

Service providers covered in the analysis



Everest Group's definition of managed blockchain platforms

Applications



- Decentralized applications
- User interfaces

 Scope of research

Value-added services



- Interoperability and APIs
- Identity services
- Governance
- Oracle services
- Smart contract templates
- Digital assets and tokens
- Reusable business use cases
- External data and system connectors

Core features and framework management



- Consensus and validation
- Messaging and protocol
- Smart contracts
- Token management system
- Ledger management service
- Streaming service

Infrastructure



- Storage node
- Cloud node

Managed blockchain platforms

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Managed blockchain platform players assessed

			
<p>Alibaba Cloud Blockchain-as-a-Service</p>	<p>AWS Managed Blockchain AWS Quantum Ledger Database AWS Blockchain Templates</p>	<p>Azure Blockchain Service Azure Blockchain Workbench Azure Cosmos DB</p>	<p>BurstIQ Lifechain BurstIQ Burstchain</p>
			
<p>HPE Mission Critical DLT</p>	<p>IBM Blockchain Platform</p>	<p>Ardor platform Ardor Blockchain-as-a-Service</p>	<p>Multichain Enterprise</p>
			
<p>Oracle Blockchain Platform</p>	<p>SAP Cloud Platform Blockchain service SAP HANA Blockchain Service</p>	<p>Sovrin network</p>	<p>VMware Blockchain</p>

Overview of enterprise readiness assessment dimensions for managed blockchain platforms

← Capability maturity (X-axis) →

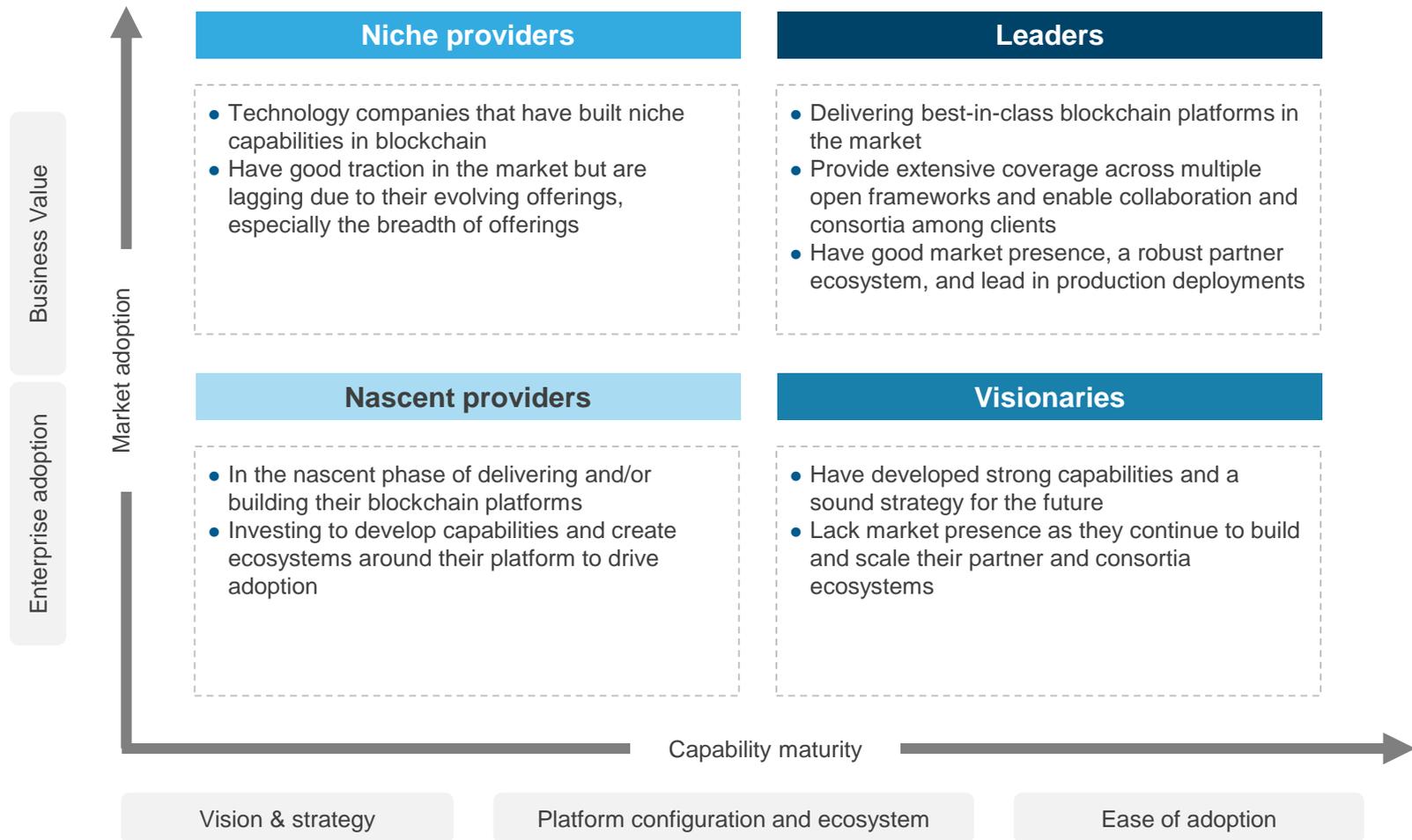
Dimensions	Vision & strategy	Platform configuration and ecosystem	Ease of adoption
Overview	Current product strategy and Go to Market (GTM) focus along with the future vision for their platform	Coverage across the blockchain platform's features and functions as well as talent available for development on the platform	The techniques, features, and IP that assist in ease and speed of enterprise adoption

← Business impact (Y axis) →

Dimensions	Enterprise adoption	Business Value
Overview	Market share, total projects, and overall demand for the platform	Complexity and impact of delivered projects with special focus on production cases

Source: Everest Group (2019)

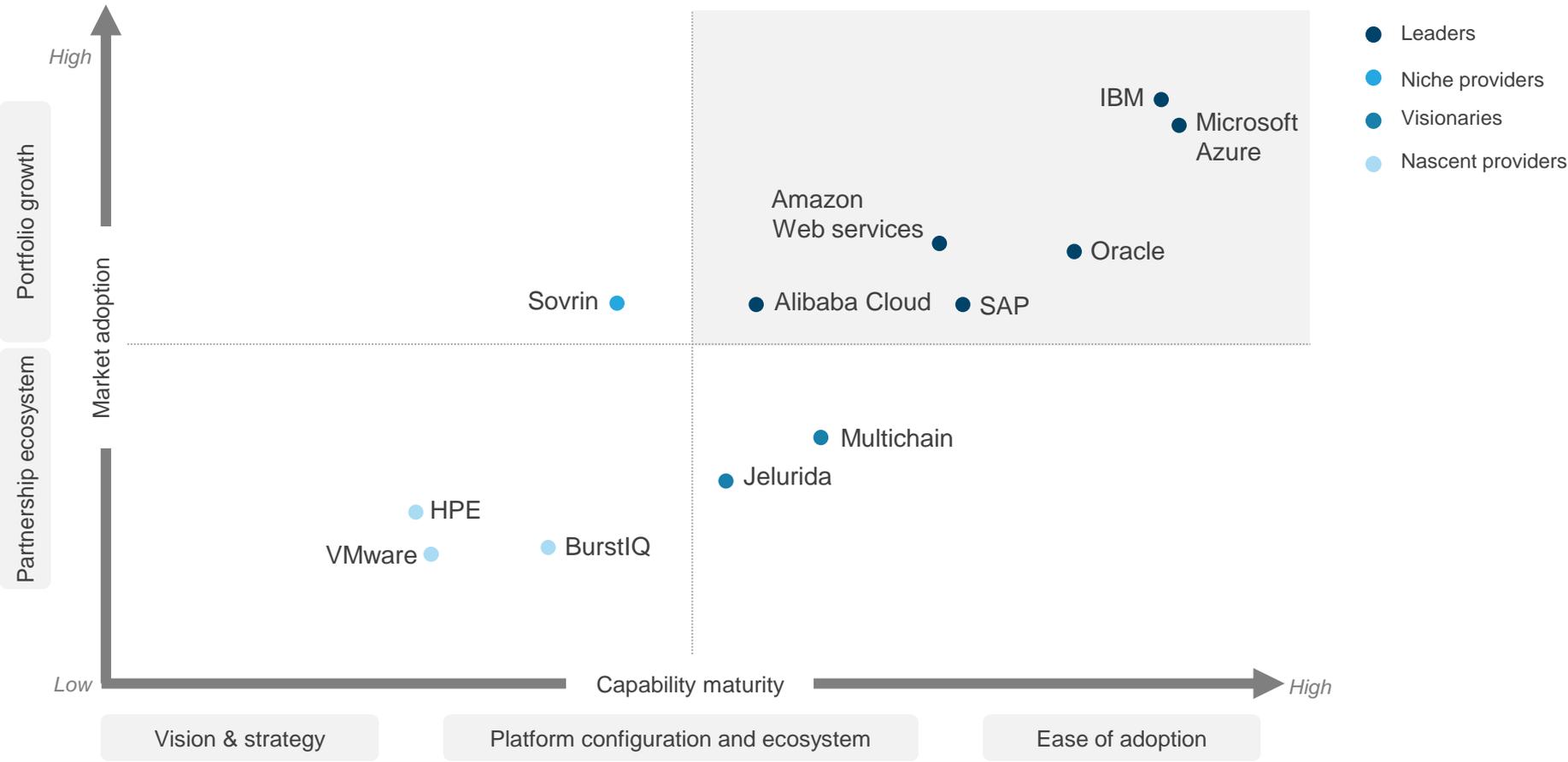
Vendors were assessed on their capability maturity and the business impact



Source: Everest Group (2019)

Platform vendors that offer holistic and comprehensive solutions in addition to driving ecosystem collaboration lead the pack

Enterprise readiness assessments of managed blockchain platforms based on capability maturity and market adoption



Note: Assessment for Microsoft Azure, Amazon Web Services, Alibaba Cloud, SAP, HPE, and VMware excludes platform vendor inputs, and is based on Everest Group's proprietary database, public disclosures, and interactions with enterprises and blockchain system integrators. For these companies, Everest Group's data for assessment may be less complete

Source: Everest Group (2019)

Capability maturity dashboard

Assessments on a scale of 1 to 8, 8 being the highest or best-in-class for the peer set (page 1 of 2)

← Capability maturity (X-axis) →

Vendor	Vision & strategy	Platform configuration and ecosystem	Ease of adoption
Alibaba Cloud			
Amazon Web Services			
BurstIQ			
HPE			
IBM			
Jelurida			
Microsoft Azure			
MultiChain			

Source: Everest Group (2019)

Capability maturity dashboard

Assessments on a scale of 1 to 8, 8 being the highest or best-in-class for the peer set (page 2 of 2)

← Capability maturity (X-axis) →

Vendor	Vision & strategy	Platform configuration and ecosystem	Ease of adoption
Oracle			
SAP			
Sovrin			
VMware			

Business impact dashboard

Assessments on a scale of 1 to 8, 8 being the highest or best-in-class for the peer set (page 1 of 2)

← Business impact (Y-axis) →

Vendor	Enterprise adoption	Business Value
Alibaba Cloud		
Amazon Web Services		
BurstIQ		
HPE		
IBM		
Jelurida		
Microsoft Azure		
MultiChain		

Source: Everest Group (2019)

Business impact dashboard

Assessments on a scale of 1 to 8, 8 being the highest or best-in-class for the peer set (page 2 of 2)

← Business impact (Y-axis) →

Vendor	Enterprise adoption	Business Value
Oracle		
SAP		
Sovrin		
VMware		

Source: Everest Group (2019)

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Alibaba Cloud Leader

Blockchain solutions: Alibaba Blockchain-as-a-Service

Strengths	Areas of improvement
<ul style="list-style-type: none"> Strong client spread and delivery footprint in Asia Pacific, especially China Demonstrated proof points for scale and reliability through production deployments for Alibaba.com and Ant Financial Balanced coverage with focus on two open source frameworks and one proprietary framework 	<ul style="list-style-type: none"> Increase visibility of capabilities and adoption outside of China Develop tools and solutions to improve ease of adoption Pursue partnerships with service integrators to create a services ecosystem to accelerate enterprise adoption in North America and Europe

Top 3 geographies	APAC	North America	Europe	Top 3 industries	FMCG	Retail	Financial services
Underlying frameworks	Hyperledger Fabric, Quorum, and ANT Blockchain			Major clients (illustrative)	Alibaba.com, ANT Financial, Bayer, Blackmores, Fonterra, Chinese government agencies		
SI partners	Fujitsu						
Key features	Consortium management		Chaincode management		Permission management		Organization management
Key use cases	Supply chain provenance		Supply chain finance		Digital content ownership		Digital asset sharing/trading

Recent activities	Details
Partnered with ANT Financial	Partnered with Zhejiang Provincial Department of Finance to complete a pilot for Alipay as a payment service provider in association with Ant Financial, which will work as a blockchain technology provider for different services
Partnered with Blackmores and Fonterra	Trialing a blockchain-based supply chain app to prevent food fraud in partnership with Australian healthcare firm Blackmores and New Zealand dairy product maker Fonterra

Source: Public disclosures, Everest Group (2019)

Amazon Web Services Leader

Blockchain solutions: Amazon Managed Blockchain, Amazon Quantum Ledger Database, AWS Blockchain Templates

Strengths	Areas of improvement
<ul style="list-style-type: none"> Flexibility to develop public and private blockchains through Fabric and Ethereum Leads peers in terms of the geographic diversity for managed blockchain platform adoption; fueled by its network of partners Differentiated solutions like Quantum Ledger Database (QLD) and Blockchain Templates help accelerate client adoption 	<ul style="list-style-type: none"> Leverage its large partner network to drive consortia-building efforts Improve articulation of capabilities and available features through investments in GTM Refocus market messaging to highlight intention to be a managed platform provider rather than a cloud deployment partner for blockchain applications

Top 3 geographies	North America	Europe	APAC	Top 3 industries	BFSI	Retail	Healthcare
Underlying frameworks	Hyperledger Fabric, Ethereum			Major clients (illustrative)	Gaurdian Life, Union Bank of Philippines, Philips, Singapore Exchange (Ubin)		
SI partners	Wipro	DXC Technology	PwC	Accenture	GFT		
Key features	Extensions through API		Data analysis	Permissions through CloudTrail	Security through AWS Shield		
Key use cases	Clearance and settlement	Supply chain provenance	KYC	Documentation management			

Tools/IP and solutions	Details
Blockchain templates	Blockchain templates provide a fast and easy way to create and deploy secure blockchain networks using popular frameworks. These templates enable the development of blockchain applications instead of spending effort on manual setup of the network

Recent activities	Details
Partnership with Sony	Sony partnered with AWS to build a blockchain solution for digital rights management and copyright verification
Partnered with Legal and General Re	Legal and General Re partnered with AWS to drive the pension risk transfer reinsurance value chain, including pricing, claims handling, financial reporting, and collateral, using data stored on the blockchain

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: Lifegraph, Burstchain

Strengths	Areas of improvement
<ul style="list-style-type: none"> Focused approach with strategy to target only healthcare and life sciences industries Differentiates itself through a strong compliance and governance strategy Focus on IoT and analytics integrations helps BurstIQ stand out among peers 	<ul style="list-style-type: none"> Increase SI partnerships to raise visibility and adoption Enhance focus on helping clients form industry consortia that would align with its unique vertical focus Build thought leadership and improve market messaging to break into the Europe and APAC markets

Top 3 geographies	North America	N.A.	N.A.	Top 3 industries	Healthcare	Life sciences	Insurance
Underlying frameworks	Proprietary platform			Major clients (illustrative)	Vitalware, Empiric Health		
SI partners							
Key features	IoT integration		HIPPA and GDPR compliant		Analytics		Sovereign identity
Key use cases	Chain of custody		Clinical trials management				

Tools/IP and solutions	Details
External APIs	Easy to use APIs to integrate based on existing healthcare standards such as HL7 and FHIR
Integrations	Standard integrations for Enterprise Resource Planning (ERP) and IoT sensor data to flow into ledger

Recent activities	Details
Alliance	Partnered with ITA to promote blockchain, healthcare best practices, and strategic domestic and international initiatives
Product development	Successfully completed an SOC 2 type 2 audit performed by Linford & Co.

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: HPE Mission Critical DLT

Strengths	Areas of improvement
<ul style="list-style-type: none"> Builds on heritage strength in hardware and critical financial infrastructure to create a platform focused on critical services Market messaging highlights the breadth of use cases across industries and geographies making it relevant to its clients 	<ul style="list-style-type: none"> Increase overall strategy transparency to encourage adoption among clients that consider blockchain a long-term strategy Develop better partnerships to improve its services ecosystem and encourage adoption among developers and enterprises

Top 3 geographies	Europe	North America	N.A.	Top 3 industries	Financial services	Automotive	Healthcare
Underlying frameworks	Corda			Major clients (illustrative)	Continental		
SI partners	Accenture		PwC				
Key features	X86 hardware focus		Scalable database		Edge centric services		
Key use cases	Payments and settlement		Supply chain track and trace		KYC		Medical records management

Tools/IP and solutions	Details
HPE Nonstop	Long-running server infrastructure used for hyper-critical functions; HPE's Mission Critical DLT builds on this platforms to provide a reliable hardware backed blockchain platform

Recent activities	Details
Alliance	Partnered with Continental to develop a new platform based on blockchain technology, meant for sharing vehicle data and enabling new digital services to improve driver safety and convenience
Alliance	Partnered with Accenture and PwC to explore blockchain services and talent development
Consortium alliance	Joined the Enterprise Ethereum Alliance to enhance interoperability between its platform and Ethereum

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: IBM Blockchain Platform

Strengths	Areas of improvement
<ul style="list-style-type: none"> Leads the market in helping clients collaborate and build consortia for networks Strong ecosystem of tools, solutions, proven use cases, and partnerships Good academic and enterprise partnership focused on R&D Flexibility in deployment through OpenShift and Kubernetes multi-cloud approach Able to leverage system integration strength to build expertise in the talent pool 	<ul style="list-style-type: none"> Needs to lead the industry in developing features required for large scale enterprise adoption such as load balancers and data migration tools Address dissonance between test and production environments; some clients are forced to adopt open source for test due to undifferentiated pricing Expand beyond Fabric to support other frameworks as market matures

Top 3 geographies	North America	Europe	APAC	Top 3 industries	Financial services	Manufacturing	FMCG
Underlying frameworks	Hyperledger Fabric			Major clients (illustrative)	Seagate, Alinha Institute, Farmer Connect		
Top 5 SI partners	Accenture		Wipro	DXC Technology	KPMG	Mphasis	
Key features	Multi-cloud deployment		Consortium management		IoT integration		API extensions
Key use cases	Supply chain provenance		Trade finance		Document management		Credential tracking

Tools/IP and solutions	Details
Visual Studio (VS) Code extension	Launched a free VS Code extension for an easy experience to write and debug smart contracts. Through the extension developers gain access to tutorials, code samples, and support for multiple popular programming languages such as GO, JavaScript, Java, and Typescript
Red Hat related IP	Using Red Hat's capabilities to build a multi-cloud strategy with OpenShift and Kubernetes allowing for interoperability and flexible deployment between cloud environments

Recent activities	Details
Alliance	Teamed up with ZF Friedrichshafen and UBS to build a blockchain-based automotive transaction platform that will be used for mobility services
Partnership	Partnered with Columbia University for a start-up accelerator targeted at improving adoption through training and mentoring

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: Ardor platform, Ardor Blockchain-as-a-Service

Strengths	Areas of improvement
<ul style="list-style-type: none"> • Flexible commercials with availability as a licenced product and a BaaS solution • Strong adoption across Europe with increasing interest in North America • Good academic partnerships that accelerate R&D and talent training for the platform 	<ul style="list-style-type: none"> • Increase market visibility by targeting more enterprise customers to demonstrate proof points • Expand scope of possible use cases to accelerate adoption • Develop better partnerships with service integrators to improve ecosystem and talent for the platform

Top 3 geographies	Europe	North America	APAC	Top 3 industries	Financial services	Entertainment	Public sector
Underlying frameworks	Ardor/NXT			Major clients (illustrative)	Henkel, Indra, ISDI, Tarasca, Bitswift		
SI partners	UST Global	Agavon	Espacio IT				
Key features	Asset exchange		Bundlers (child chains)		Data pruning		Android applications compatibility
Key use cases	Payments and settlement		Rewards and loyalty		Voting		Ticketing

Tools/IP and solutions	Details
IGNIS	A child chain on Ardor blockchain platform to support smart transaction types and add functionality to other Ardor child chains

Recent activities	Details
Product development	Introduced a streamlined smart contract lifecycle management framework on the Ardor blockchain platform called Ignis Lightweight Contracts
Alliance	Jelurida partnered with Henkel to build better capabilities in its product and trained IT teams to understand, approach, and implement Ardor blockchain solutions

Source: Public disclosures, Everest Group (2019)

Microsoft Azure Leader

Blockchain solutions: Azure Blockchain Service, Azure Blockchain Workbench, Azure Cosmos DB

Strengths	Areas of improvement
<ul style="list-style-type: none"> • Clear articulation of core blockchain capabilities and how other Azure services can be used alongside the platform • Comprehensive coverage of use cases and industries supported by multiple open frameworks and a robust partner ecosystem • Ability to integrate IoT, analytics, and blockchain to solve client issues 	<ul style="list-style-type: none"> • Leverage its partner network to help clients drive consortia efforts • Innovate on the economics of running blockchain networks to help clients realize ROI faster • Integrate data exchanges to allow for building trusted oracle services for execution of smart contracts. Also expand ready-to-use smart contract templates

Top 3 geographies	APAC	Middle East and Africa	Europe	Top 3 industries	BFSI	Public sector	Manufacturing
Underlying frameworks	Corda, Ethereum, Hyperledger Fabric			Major clients (illustrative)	JP Morgan, Singapore Airlines, Insurwave, Trace IX, SIMBA Chain		
SI partners	Accenture	Consensys		Wipro	Infosys		Synechron
Key features	Consortium management		Off-chain data manager		IoT integration		Machine learning
Key use cases	Trade finance		KYC		Cross-border payments		Supply chain tracking

Tools/IP and solutions	Details
IoT Hub	Solution that helps integrate IoT sensors to the blockchain services and allow for reading and writing to the chain
Extensions	Extensions into other Microsoft products or services such as Dynamics 365, PowerApps, and Office 365
Analytics	Clients can use the Azure Machine learning module as well as Power BI to analyst ledger data

Recent activities	Details
Alliance	Kadena, a startup, will make a free, secure, scalable permissioned blockchain platform for businesses available on Azure. The blockchain will enable enterprises to transact and share data in a decentralized manner
Alliance	Hubii's Ethereum-based scaling platform solution, Nahmii, will be powered by Azure

Source: Public disclosures, Everest Group (2019)

MultiChain

Visionary

Blockchain solutions: MultiChain Enterprise

Strengths	Areas of improvement
<ul style="list-style-type: none"> • Good vision for enterprise readiness with data purging and database integrations for third party databases • Poised to grow a strong talent pool around its platform given its a developer-focused approach to adding features and solutions 	<ul style="list-style-type: none"> • Help clients to create and manage consortia • Expand partnerships across SIs as well as public cloud vendors • Support a variety of consensus mechanisms to cater to clients looking for multiple blockchain framework support and enhanced open source framework support

Top 3 geographies	APAC	Europe	North America	Top 3 industries	Financial services	Manufacturing	FMCG
Underlying frameworks	Proprietary platform; Multichain			Major clients (illustrative)	Bureau Veritas, German Federal Ministry		
Top 5 SI partners	Accenture		Cognizant	HCL	PWC	Wipro	
Key features	Compatibility with Bitcoin libraries		Smart filters		Off-chain storage and purging		End-to-end encryption
Key use cases	Supply chain track and trace		Digital assets sharing/trading		Document management		Verification and certification
Recent activities	Details						
Product development	Announced the release of MultiChain 2.0, an upgraded version of the MultiChain platform						
Alliance	Chainstack, a multi-cloud and multi-protocol BPaaS, partnered with MultiChain						

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: Oracle Blockchain Platform

Strengths	Areas of improvement
<ul style="list-style-type: none"> Strong enterprise and SI partnerships that drive talent expertise on the platform Enterprise-focused features such as integration with legacy applications, out-of-the-box integrations, and analytics Specialized pre-built networks and solutions aimed at accelerating adoption 	<ul style="list-style-type: none"> Expand focus on public ledgers Leverage existing enterprise applications clients to pursue more engagements to gain market share Introduce flexibility in pricing and commercial model to attract clients from other Hyperledger Fabric-based platforms

Top 3 geographies	Europe	APAC	Middle East and Africa	Top 3 industries	Financial services	Manufacturing	Healthcare
Underlying frameworks	Hyperledger Fabric			Major clients (illustrative)	World Bee Project, Volvo, Circular, LG Chemical		
SI partners	Accenture		Infosys	Wipro	LTI	Birlasoft	
Key features	Access control and governance		Plug-and-play integrations		Data management		ERP integrations
Key use cases	Payments and settlements		Supply chain provenance		Documentation management		Identity management

Tools/IP and solutions	Details
Track and Trace	A pre-built SaaS blockchain application that connects with Oracle SaaS and PaaS as well as other cloud and on-premises third-party applications
Product Lineage and Provenance	A SaaS solution that verifies the origin and authenticity of a product as it moves throughout the value chain and automatically captures information about all product transformations including pedigree, serialization, and genealogy
Oracle Intelligent Cold Chain	A SaaS solution to monitor the condition of goods from the manufacturer through point of sale; improves safety with a full track-and-trace solution for food and pharmaceuticals that require cold storage; delivers reactive and predictive alerts of excursion

Recent activities	Details
Product alliance	Oracle Blockchain Platform became available as part of Everledger's blockchain-based solution

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: SAP Cloud Platform Blockchain service, SAP HANA Blockchain service

Strengths	Areas of improvement
<ul style="list-style-type: none"> • Integrated IoT and blockchain capabilities under the SAP Leonardo brand • Leverages multiple open frameworks allowing flexibility for clients and creating a diversified portfolio encompassing multiple industries • Leads and manages industry-focused consortia to improve collaboration among clients 	<ul style="list-style-type: none"> • Needs to improve its spread of use cases to cover use cases beyond supply chain • Needs to develop a comprehensive tooling portfolio to accelerate adoption of blockchain for enterprises and compete with peers • Opportunity to drive innovation in commercial models

Top 3 geographies	Europe	APAC	North America	Top 3 industries	Manufacturing	Retail & CPG	Life Sciences
Underlying frameworks	Hyperledger Fabric, Multichain, Quorum			Major clients (illustrative)	Pfizer, Intel, Flex, UPS, Bumble Bee		
SI partners	Accenture		Infosys	Wipro	NTT Data		
Key features	ERP integration		IoT integrations		Data management		
Key use cases	Supply chain track and trace		Data and document management		Asset life-cycle management		

Recent activities	Details
Partnership	Partnered with Microsoft to improve integration of Azure Blockchain Service with SAP's blockchain portfolio
Industry consortia	Launched two blockchain consortia focused on life sciences and retail; members include SAP customers and partners

Source: Public disclosures, Everest Group (2019)

Sovrin

Niche

Blockchain solutions: Sovrin network

Strengths	Areas of improvement
<ul style="list-style-type: none"> Digital identity-focused network that caters to a diverse range of clients and industries Public and permissioned approach that eases data privacy concerns 	<ul style="list-style-type: none"> Develop comprehensive tooling capabilities to accelerate clients' adoption Expand focus to other digital identity-related use cases beyond verification

Top 3 geographies	North America	APAC	Middle East and Africa	Top 3 industries	Public sector	BFSI	Healthcare
Underlying frameworks	Hyperledger Indy			Major clients (illustrative)	iRespond, Evernym, SITA, T Mobile, Cisco, Swisscom		
SI partners	IBM		DXC Technology				
Key features	Public and permissioned network		Zero knowledge proofs		IoT compatibility		
Key use cases	Verifiable credentials exchange		Identity decentralization				

Recent activities	Details
Alliance	Six new organizations – Axuall, Binaria, Covalent, Dyne.org Foundation, IdRamp, and Kobo.ID – joined the Sovrin alliance
Alliance	The Sovrin Foundation and Hard Yaka launched the Self-Sovereign Identity incubator to help early-stage companies with technology guidance, business development, and funding to advance Self-Sovereign Identity (SSI) as a solution

Source: Public disclosures, Everest Group (2019)

Blockchain solutions: VMware Blockchain

Strengths	Areas of improvement
<ul style="list-style-type: none"> • Poised for enterprise adoption given long-term ecosystem vision and enterprise-centric features • Investments into solutions to ease adoption of the platform and manage the underlying challenges of the IT infrastructure environment 	<ul style="list-style-type: none"> • Invest in partnerships to drive initial adoption momentum and create services talent pool • Expand number of engagements with a focus on driving production deployments to demonstrate maturity in the market

Top 3 geographies	North America	UK	Europe	Top 3 industries	Logistics	Life sciences	Telecom
Underlying frameworks	Concord			Major clients (illustrative)	ASX, Verizon		
SI partners	Wipro		Deloitte				
Key features	Multi-cloud deployment		Audit capabilities	Identity management		Engaging UI	
Key use cases	Data management		Supply chain track and trace	Digital asset sharing/trading		Verification and certification	

Tools/IP and solutions	Details
VMware Edge	A software-defined edge foundation enabling Operational Technology (OT) and IT teams to accelerate digital innovation
AssetTransfer	An application that simulates an exchange where people can buy, trade, and consume products (assets)
DAML integration	Collaborated with Digital Asset to integrate its newly open-sourced smart contract language, DAML, with the VMware Blockchain platform
Recent activities	Details
Alliance	Expanded its partnership with Oracle to help customers leverage the companies' enterprise software and cloud solutions

Source: Public disclosures, Everest Group (2019)

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Glossary of key terms used in this report

Term	Definition
AI	Artificial Intelligence
API	Application Programming Interface
BaaS	Blockchain-as-a-Service
DAML	Digital Asset Modelling Language
DLT	Distributed Ledger Technology
FMCG	Fast-Moving Consumer Goods
DAML	Digital Asset Modelling Language
GTM	Go to Market
IoT	Internet of Things
KYC	Know Your Customer
ML	Machine Learning
SaaS	Software as a service
SI	System integrator
SSI	Self-Sovereign Identity

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	Q4 2019
Blockchain Services PEAK Matrix™ Assessment and Market Trends 2020	Q4 2019
Connected Ecosystem Services PEAK Matrix™ Assessment and Market Trends 2020	Q4 2019

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 Managed Blockchain Platform Readiness for Enterprise Use – Gearing Up for the Adoption Wave ...	December 2019
BigTech Battle: Assessing Enterprise Readiness of Blockchain Frameworks	Q4 2019

Note: For a list of all of our published Digital Services reports, 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. **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
2. **Blockchain Services PEAK Matrix™ Assessment 2019: Race to Make Enterprise Blockchain Real** ([EGR-2018-31-R-2836](#)); 2019. 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
3. **Blockchain: Is It the Silver Bullet?** ([EGR-2018-27-V-2567](#)); 2018. Analyzes high-potential use cases for blockchain – the major ones in banking and financial services include trade finance, KYC, syndicated loans, and corporate action
4. **Unblocking Blockchain Adoption – A Prioritization Framework for Business Processes** ([EGR-2017-3-V-2418](#)); 2017. In this research, we lay out a prioritization framework that is intended to assist enterprises as they navigate the tricky terrain of blockchain in business processes

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