

## **BLOCKCHAIN & DISTRIBUTED LEDGER TECHNOLOGIES**

\$1.5B VC investment \$3.3B USD

raised for non-financial services related Initial Coin Offerings

3,000 blockchain startups

Blockchain is a foundational technology that has the potential to disrupt and transform existing business models by significantly altering the underlying digital infrastructure and rules of engagement. The Blockchain & Distributed Ledger Technologies (DLT) service looks at blockchain applications and other DLT beyond digital currencies and financial services. The aim is to focus on the use of DLT in areas such as supply chain and manufacturing; smart spaces (factories, utilities and cities); identity, privacy and security; governance structures; analytics and data management; database and network services; healthcare; and transportation.

## TOP QUESTIONS WE RECEIVE FROM INDUSTRY INNOVATORS

- What is blockchain?
- What is the difference between blockchain and cryptocurrencies?
- Why all the hype about blockchain?
- How are blockchain and distributed ledger technologies related?
- What are the privacy and security implications of blockchain?
- Is blockchain vulnerable and what are the barriers to adoption?
- Is blockchain a foundational or disruptive technology?
- What is the opportunity for blockchain-as-a-service?
- How can blockchain be used in Industry 4.0 advancement and smart factories?

- Can blockchain enable better industrial manufacturing and supply chain logistics?
- How can blockchain streamline identity and ownership?
- Is there a role for blockchain in the healthcare industry?
- What is the potential of smart contracts for corporate governance?
- Is blockchain a viable technology for energy management and distribution?
- How can blockchain be leveraged in smart spaces such as cities and buildings?

## **COVERAGE AREAS**

- Industry 4.0
- Supply chain and manufacturing
- Smart spaces (including factories, utilities and cities)
- Identity, privacy, and security
- Governance structures

- Decentralized autonomous organizations
- Analytics and data management
- Database and network services
- Healthcare
- Transportation

## **KEYWORDS**

- Blockchain
- Distributed ledger technologies
- Decentralization
- Cryptography
- Hashing
- Digital signatures
- Consensus
- **Immutability**
- Transparency

- Autonomy
- Machine learning
- Trustless trust
- Permissioned
- Public
- Cryptocurrency
- Smart contracts
- Governance structures
- Data storage

- Database & network services
- Infrastructure
- As-a-service
- Identification
- Ownership
- Management
- IoT
- Industry 4.0
- Supply chain

- Logistics
- Retail
- Energy
- Healthcare
- Transportation
- Smart spaces