



# **BLOCKCHAIN**

Immutable, Secure Data & Transactions



## OUR VALUES



### Originate

Challenge the status quo of Life Sciences Industry  
"Be original"



### Connect

Personalized medicine, clinical trials, genomics, nano-tech, biotech, pharmaceuticals, med devices in the life sciences industry - both human and animal health



### Deliver

Delivering "Future Proof Solution"

## GAME CHANGING EFFICIENCY, COST AND TIME SAVING

- 1** Drug Discovery & Development: Improving the efficiency of drug discovery and development by directing tracking and reporting of results
  - › Clinical Data Management: Centralised real-time patient data using blockchain is a scalable solution for risk monitoring and treatment
  - › Patient Consent Management: Implementing Blockchain can easily manage and track the data across multiple sites, systems and protocols
  - › Smart Contracts, Protocol Management: The complete history of changes could be permanently followed through blockchain to implement controls and streamline the adherence for transparent protocol management
- 2** Supply chain management: "Pharmaceutical product manufacturers need to serialize or uniquely identify at the lowest sealable level."- mandatory requirements of DSCSA, by 2023
- 3** Electronic Health Record Management: Centralized Blockchain will give visibility & control over Patient records to enhance patient care and experience
- 4** Adverse Event Reporting & Monitoring: A blockchain solution could empower the research team of organizations to safely share adverse event report, to the other contributing member with due permission of the authority

## HOW IT WORKS

### WORKING PRINCIPLE OF BLOCKCHAIN

- › User request for transaction
- › Transaction is Created as a Block
- › Transaction is added to an online ledger with a digital security code
- › Code of Transaction sent to ledger network and broadcasted to all nodes of the network
- › All th nodes calides validate the block and the transaction
- › The Block Is Added to the chain as a permanent immutable record of the transaction
- › Transaction executed in public ledger and completed

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