



We turn blockchain
into business results.

A GLOBAL IT SERVICES COMPANY

**Transforming
enterprise asset
management**
with blockchain technology

CONTEXT

ABOUT THE CLIENT

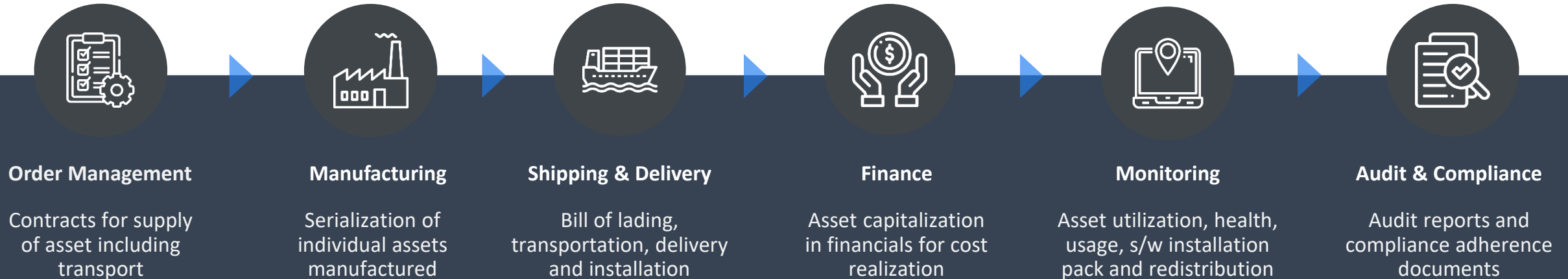
A leading American multinational information technology company headquartered in New York.

- Operates in 170+ countries across the globe
- Produces & sells hardware, software, and provides cloud hosting and consulting services

17%

**INCREASE
IN RETURN ON ASSETS**
where asset management systems are fully integrated. Blockchain solutions can further improve the returns significantly.

ASSET MANAGEMENT - SYSTEM OF RECORDS



CHALLENGES



Siloed System

The supply-chain systems used by partners are siloed, and getting all partners to agree on the actual state of the asset is difficult



Complex Tracking

As the assets move from manufacturing to deployment and eventually disposal, tracking the movement of these items is complex across multiple systems



Delayed Resolutions

Resolving issues among partners is costly and creates delays, impacting customer satisfaction due to delayed service and revenue recognition



Usage Monitoring

Identifying non-compliance of assets usage and associated software is cumbersome



SOLUTION HIGHLIGHTS



BLOCKCHAIN LEDGER

Blockchain acts as a single source of truth for an asset, tracking every change, so it is auditable, and transparent.



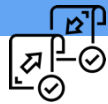
PERMISSIONED

The participating organizations are known and permissioned onto the blockchain network.



DATA PRIVACY

Authorized network members only see the details of their transactions which provides confidentiality and privacy.



SMART CONTRACTS

Business rules governing the asset specifications and agreements are maintained on the blockchain.



PROOF-OF-EXISTENCE

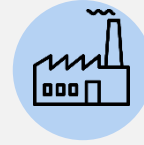
Proof received for transactions and events of the asset are digitally hashed and recorded.



EVENT DRIVEN

The blockchain subscribes to external transactions and events via a client interface.

PROCESS WITH BLOCKCHAIN



Plant order
Serialized asset



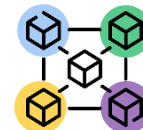
BOL shipping
records



Receipts(POD, ASN)
Inspection documents



Asset & Software
usage monitoring

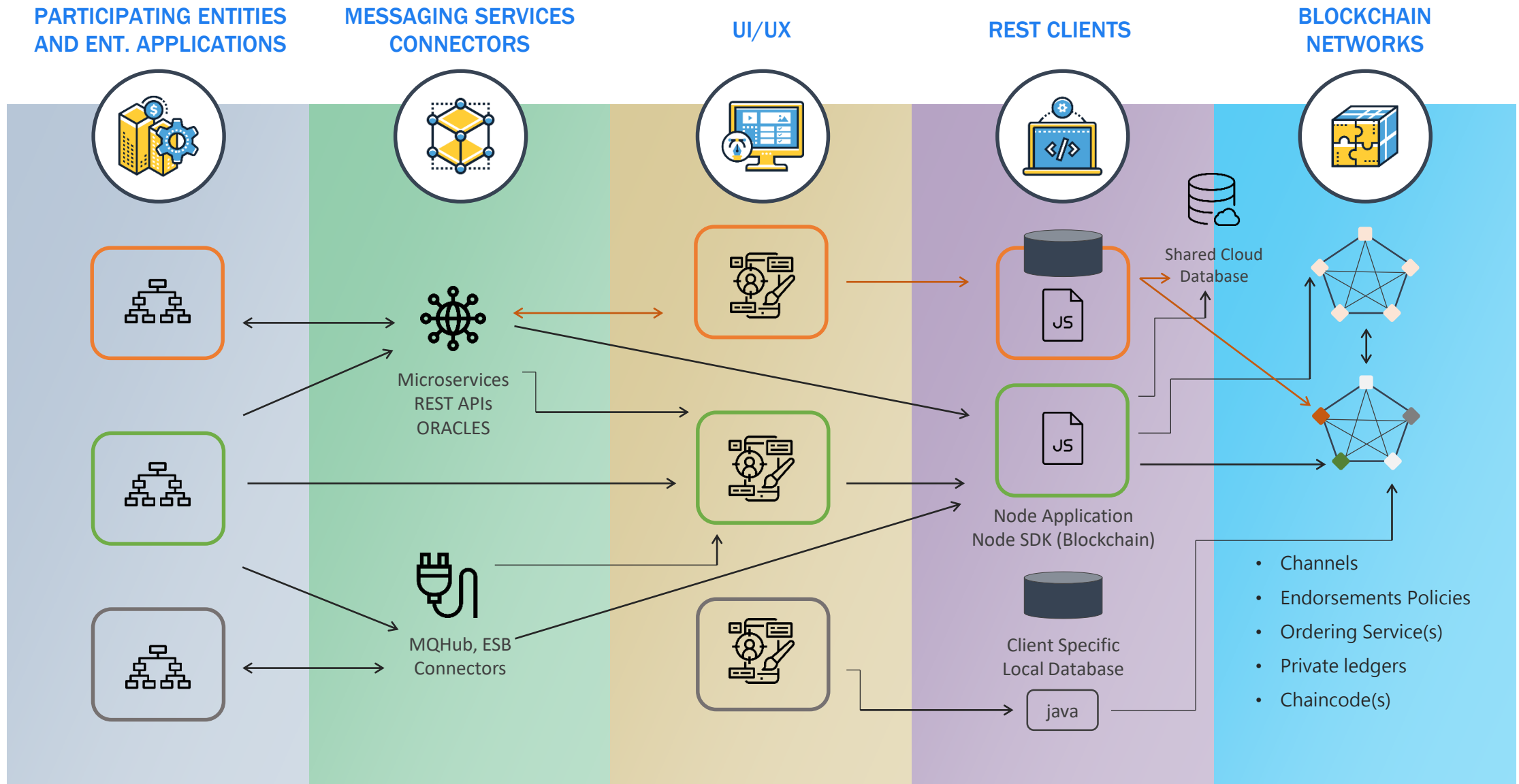


System of
Record

USERS



SOLUTION ARCHITECTURE



OUTCOMES

REDUCED

IRREGULARITIES

in asset lifecycle events
with proofs of transactions



ELIMINATED

REDUNDANCIES

with automated proactive checks
integrating all partners



IMPROVED

ASSET UTILIZATION

with real-time and accurate
monitoring of asset & software usage

