Delivering secured, tamper-proof data storage services for record-keeping and auditing purposes

AZURE CONFIDENTIAL LEDGER (ACL)
FOR ENHANCED PRIVACY
OFFERING OVERVIEW

Azure Confidential Ledger is an offering from the Microsoft suite that comes in with an extra layer of security and scalability on top of blockchain. This is built on CCF (Confidential Consortium Framework) designed to work on any OS and hypervisor supporting TEE (Trusted Executive Environment).

APPLICABILITY BY INDUSTRY

- Record and evidence management
- Medical insurance fraud, waste and abuse prevention
- Contract tracing
- New drug development
- Anti-money laundering
- Credit risk assessment and qualification from combined bank records
- Secure payment processing
- Fraud prevention
- Safeguarding vulnerable societies (child exploitation, human trafficking etc.)
- Cybercrime prevention
- Anti-corruption
- Judicial proceedings and case management
Positioning in Microsoft Stack – Focus on Confidential Computing

Azure offers multiple encryption tools for “Data-at-Rest” and “Data-in-transit”. ACL falls in the third stage of encryption, “Data-in-Use”.

- Microsoft SQL Azure
- Azure Key Vault M-HSM
- Trusted Launch
- Azure Always Encrypted
- Azure IoT Edge
- Azure Attestation
- Trusted Hardware Identity Management
- Azure Confidential Ledger

Azure Confidential Ledger - The Art of Possible with Infosys Offerings

- Provider Data Management
- Distributed Application to drive reconciliation efforts, labor costs and overall member experience

- Distributed Application for Citizen Services for digitized issuance of licenses, tax compliance, IP records, Credentials etc.

- Distributed Application for Insurance for Claims Handling, Subrogation, Reinsurance, Usage-based Insurance etc.

- Pharma Supply Chain Distributed Application to reduce revenue leakage to pharmaceuticals, tracking medications

- Industry-agnostic Supply Chain Distributed Application to support and track multiple assets