



Let's Solve

Case Study

Inventory Financing for Suppliers
Using Blockchain



A Larsen & Toubro
Group Company

Client

The client is a large hi-tech manufacturer with thousands of suppliers across the globe.

Challenges

1. Purchase Orders revised several times as per dynamic business requirements
2. Pricing inconsistency between buyers and suppliers, leading to invoice mismatch
3. Third-party inventory financing, compounding data inconsistencies
4. Long dispute resolution timelines
5. Information recorded in isolated systems

LTI Solution

1. Enterprise-grade Blockchain platform for onboarding the buyer, suppliers, and financiers, built leveraging Microsoft Workbench Accelerator on MS Azure
2. Smart contract to enable price matching logic
3. Integration with existing legacy systems using EDI messages, in addition to a provision for API and Excel-based integration

Business Benefits Delivered

1. Increased transparency and visibility across all participants on Blockchain
2. Enhanced data consistency on Blockchain, addressing invoice mismatch
3. Lower dispute occurrences and faster resolution cycles
4. Increased scalability and interoperability for adding new participants
5. Reduced costs for onboarding new suppliers
6. Dashboard and alerts to facilitate traction of orders and invoices in real time

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