

CASE STUDY

Automation & Digitalization of Supply Chain Operations for a Fortune 500 Multinational Conglomerate





Client

Our client is a Fortune 500 multinational conglomerate that produces fire, HVAC, and security equipment for buildings.

Challenges



The client had problems integrating all their disparate ERP systems, viz. SAP, JD Edward, and Baan, and wanted to reduce their total cost of operations.



There were many process inefficiencies due to manual intervention in warehouse and materials handling.



They wanted to simplify their integration landscape (BizTalk, IBM IIB, APIGEE, P2P, etc.) and reduce the cost of third-party supplier integration. The unavailability of a robust collaboration tool resulted in high costs.



The client wanted to introduce reusability across the enterprise with complex third-party system connectivity, reduce infrastructure costs, and improve scalability.

LTIMindtree Solution

- LTIMindtree leveraged MuleSoft to strategize, redesign, and implement enterprise-wide integrations.
- An API management layer exposed each service as an API, replacing point-to-point integrations.
- Enhanced collaboration was enabled via third-party suppliers.
- Multiple ERPs were migrated from legacy integration tools like IIB and BizTalk to MuleSoft.
- We deployed a global standard integrations (build for reuse) architecture to retrieve business information from the database and simplified enterprise-wide integration with API-led connectivity.
- The solution also enabled continuous tracking and reporting on MuleSoft.
- We also developed a canonical model standardized communication protocol to ease complex integrations from ERPs, third-party systems, and other procurement systems.
- We successfully integrated SAP ERP, Workday, and Salesforce CRM end systems across integrations.

Business Benefits

25%

Faster onboarding of new procurement systems with API-based connectivity

30%

Reduction in time-to-market, with automated handling of warehouse operations

Zero

Supplier integration cost with API-based architecture

240+

Integrations done via API-led integration leveraging MuleSoft



Globally distributed cloud, diverse system connectivity

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