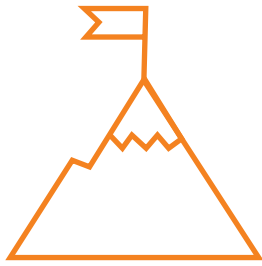




Case Study

API-driven Digital Transformation for a Global Manufacturing Leader

Implementation of API-led architecture through transformation and consolidation of legacy Integration platforms



Business Challenges

The client was facing high operational risk since its existing integration platform was nearing the end of the support cycle. In addition, it was being plagued by a high cost of ownership with more than 10 integration products (ESBs, API gateways and multiple cloud and B2B integration tools), deployed on their enterprise application landscape.

These integration platforms lacked the agility to respond to business demands and often took months to facilitate application connectivity. With the client adopting a cloud-first strategy, multiple applications were migrated to cloud and the existing integration platforms did not integrate seamlessly with both cloud native and migrated applications.

The client was looking for a future-ready enterprise integration solution to mitigate operational challenges and reduce TCO with integration platform consolidation.

What LTI did

LTI partnered with the client to create a transformation plan for migrating legacy integration platforms to iPaaS (Integration Platform-as-a-Service) platform. Key highlights of the solution include:

An extensive study of the client's complex undocumented integration landscape and develop a right fit architecture solution.

Transformation of 100+ point-to-point/ESB-based integrations to API-led integrations.

Migration of on-premise EDI platform to cloud and streamlining the client's trading partner onboarding process.



Architecture pattern development to connect with cloud platforms as well as legacy on-premise platforms.

Established foundation for DevOps adoption using Azure DevOps and CI/CD.

End-to-end delivery ownership including project planning, coordination, API development, testing support, deployment and Hypercare support.

Business Benefits



Key Takeaways



Reduced
time-to- market from
months to weeks with
agile and API-based
integration.



Faster
turnround for new
integrations,
leveraging established
architecture patterns.



Reduced
business risk and
technical debt by
replacing 10+
Integration products
with a single platform.



Improved
order fulfilment rate
by eliminating
non-standard and
manual processing in
EDI transactions.

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