

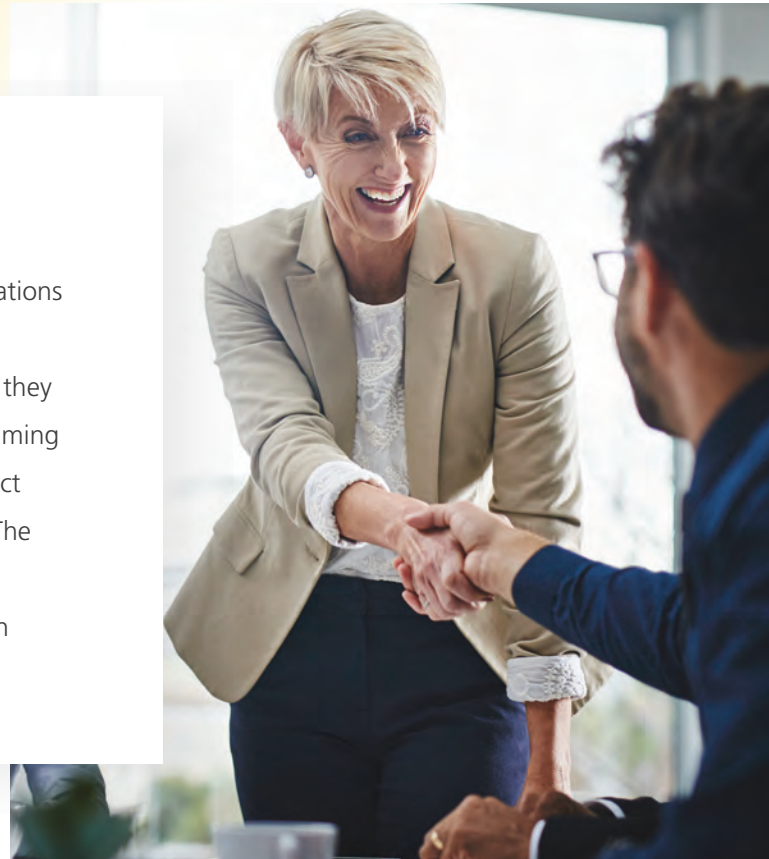
CASE STUDY

Transforming the Core Banking Platform for a Global Banking and Financial Services Giant



Client

One of the largest banking and financial services organizations aimed to boost revenue by adopting industry-standard protocols for inter-bank operability. To realize this vision, they wanted to rationalize and enable an Application Programming Interface (API)-led economy, which would positively impact the organization's profitability, growth, and innovation. The bank wanted to move away from licensed products to open-source technologies, which could help it drive down operational costs even further.



Challenges



Need to enhance core banking platform communication

The bank aimed to enhance communication between its core banking systems and modern API-enabled apps to unlock new user features. This aligned with their long-term strategy for growth, ensuring security and reusability.



Longer Time to Market (TTM) and increased cost of ownership

Prolonged application development resulted in significant feature rollout delays. These delays were worsened by licensing costs of proprietary API management products, leading to increased long-term ownership expenses.



Redundant bloated functionalities on the platform

The existing platform required rationalization to identify candidates for removal and baselining existing useful features.



Limited interoperability

Partners and customers had stringent requirements for interfacing via APIs compatible with the Banking Industry Architecture Network (BIAN).

LTIMindtree Solution

LTIMindtree conducted an API rationalization to enable the client's API-led business model and enhance operational efficiency. Introducing a developer portal significantly increased developer productivity and established a sustainable API-driven development model.

01 | Rationalized APIs

The solution scanned, analyzed, consolidated, and rationalized approximately 500 APIs by removing the redundant ones (around 40% of unused/duplicate APIs). Additionally, it implemented reusable and scalable interface components, resolving performance bottlenecks. Shared services, customer data, and operational reporting were some of the diverse functional areas covered in this exercise.

02 | API standardization to increase interoperability

BIAN-based APIs were designed and implemented, subscribed by third-party consumers.

03 | Reusable features and interfaces

Around 90% of the system APIs were developed to be reusable with minor customizations specific to the use case. This reduced overall cost as well as TTM.

04 | Migration to open source

More than 600 APIs were migrated from MuleSoft to open-source Java-based microservices.

Business Benefits



BIAN API standardization enabled seamless operations



More than **30** highly reusable **APIs** implemented



More than **1200 APIs** published to the the portal



30% increase in developer productivity



A **70% boost** in API performance through rationalization and modern microservices architecture

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 82,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>