

Legacy Migration Drives Cost Savings for a Global Sustainability Leader



Client Overview

The client is a global leader offering water, hygiene, and infection prevention solutions and services that protect people and the resources vital to life. Building on a century of innovation, they generate annual sales of \$15 billion, employ nearly 50K associates, and operate in more than 170 countries. Their comprehensive, science-based solutions, data-driven insights, and world-class service help advance food safety, maintain clean and safe environments, and optimize water and energy use. They deliver innovative solutions to improve operational efficiencies and sustainability for customers in the food, healthcare, life sciences, hospitality, and industrial markets.

At a Glance

Industry

Manufacturing

Challenge

Managing business operations with close to 500 partners on a legacy platform (TIBCO), requiring migration to modern and scalable technology.

Solution

Migration to MuleSoft anypoint partner manager (APM) with API-led integration, real-time processing, and enhanced security policies.

Key Highlights

35% Reduction in operational expenses.

50% Reduction data breach risk

30% Improvement in partner onboarding & transaction processing time

Requirements and Challenges

The client partners with approximately 500 partners through EDI (Electronic Data Interchange) to conduct business. The legacy platform, TIBCO, that facilitated these interactions posed significant challenges, including:

- Limited scalability to accommodate growing data and partner requirements.
- Lack of real-time processing capabilities, impacting decision-making and analytical insights.
- Security vulnerabilities due to outdated policies and infrastructure.
- High operational costs and inefficiencies due to manual interventions.

To address these issues, the client aimed to modernize their B2B integrations by migrating to MuleSoft Anypoint Partner Manager (APM). This would enable a seamless, secure, and scalable platform for managing partner integrations and transactions.

Prowess Provided Solutions & Services

To meet the client's requirements and overcome the challenges, ProwessSoft implemented the following:

- **T2M Tool:** Developed an in-house tool that enabled a seamless and automated migration from TIBCO to MuleSoft.
- **Real-Time Processing:** Converted batch processing activities to real-time processing, enhancing the client's analytical capabilities and enabling faster decision-making.
- **Migration Automation:** Executed the migration with precision using automation tools, ensuring error-free transitions and minimizing downtime.
- **API-Led Architecture Implementation:** Transitioned the integration model to an API-led approach
- **Enhanced Security:** Enforced robust security policies during the migration, including role-based access control and enhanced encryption protocols.

Methodology and Process Followed

ProwessSoft adhered to a structured methodology to ensure a successful migration:

- **Requirement Analysis:** Collaborated with stakeholders to understand existing integrations, partner requirements, and pain points.
- **Planning and Design:** Developed a migration blueprint, including API-led architecture designs and integration frameworks.
- **Tool Development:** Built and tested the T2M migration tool for seamless data and process transfer from TIBCO to MuleSoft APM.
- **Execution:** Conducted phased migrations to minimize disruptions. Implemented automated testing to validate the integrity of migrated data and processes.
- **Deployment:** Deployed the new MuleSoft-based platform and enabled real-time processing capabilities.

- **Post-Migration Support:** Provided training and documentation to the client's team and offered ongoing support to ensure optimal system performance.

Value Proposition from Prowess

ProwessSoft delivered tangible business outcomes by implementing MuleSoft APM, including:

- **Lower Operational Costs:** Modernized the integration platform with scalable B2B and EDI integration using API-led architecture, leading to a 35% reduction in operational expenses.
- **Improved Decision-Making:** Enabled API analytics to enhance visibility into performance and partner activities, driving better operational efficiency and strategic decisions.
- **Strengthened Data Security:** Reduced data breach risks by 50% through the implementation of advanced security protocols, safeguarding critical business operations.
- **Boosted Partner Engagement:** Unified partner management by consolidating interfaces into a single portal, resulting in streamlined operations and stronger partner relationships.
- **Increased Transaction Volumes:** Optimized the partner ecosystem by identifying underperforming partners, and driving targeted improvements that boosted partner transaction volumes.
- **Accelerated Business Processes:** Improved partner onboarding and transaction processing times by 30%, enabling greater business agility and faster go-to-market strategies.

With ProwessSoft's guidance, the client transitioned to a secure, efficient, and future-ready platform. The transformation paved the way for sustainable growth and enhanced operational performance. Today, the client enjoys a robust partner management system that supports their strategic goals and positions them for long-term success.

For further information, please contact:

Prowess Software Services

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