

# Modernizing Smart Security with MuleSoft: A Migration Success Story



## Client Overview

With over 150 years of trusted experience, this leading consumer services company secures homes and connects what matters most. They go beyond basic protection, offering smart features and 24/7 monitoring to provide peace of mind whether you're at home or away.

## Requirements and Challenges

The enterprise was grappling with the complexities of migrating its legacy integration systems to the modern MuleSoft platform. The sheer volume of legacy interfaces (1300+) coupled with diverse technologies like DataPower, IIB, and MQ presented a significant challenge. Additionally, ensuring reusability of existing services and optimizing resource utilization were key priorities.

## Prowess Provided Solutions & Services

- **Analysis & Discovery:** The Prowess team meticulously analyzed the legacy interfaces, identifying services for migration and discovering consumers along the way. This comprehensive understanding of the existing ecosystem established a successful migration strategy.
- **Prowess CoE Support:** Our Center of Excellence (CoE) provided invaluable support through product evaluations, recommendations, and automation expertise. This ensured the chosen migration path leveraged the best of MuleSoft's capabilities.
- **Advisory Services:** Prowess advisors played a crucial role in defining the architecture and framework for the migration. This included crafting designs for DataPower, IIB, and MQ migration, focusing on API reusability.
- **Delivery:** The Prowess team successfully delivered migration designs for over 160 services, seamlessly transitioning from DataPower, IIB, and MQ to MuleSoft. Notably, 580+ services were identified as existing Mule services, demonstrating the value of reusability.

## At a Glance

### Industry

Consumer Services

### Challenge

The vast number of legacy interfaces (over 1,300) combined with diverse technologies posed a considerable challenge.

### Key highlights

**1300+** Legacy Interfaces Analyzed

**160+** Services Migrated to MuleSoft

**70%** Reusability in Mule Services

## Methodology and Process Followed

Prowess adopted a structured approach. We leveraged MuleSoft's Anypoint Platform (including RPA) to automate analysis and build the migration solution. Seamless integration with existing systems (NetSuite & Salesforce) and accurate data extraction (Nanonets for PDFs) ensured a smooth transition.

## Value Proposition from Prowess

Prowess' structured approach involving analysis, CoE support, advisory services, and efficient delivery ensured a successful legacy integration migration to MuleSoft. The focus on API reusability minimized development efforts and optimized resource allocation. Here are the key results achieved by the client:

**1. Reduced Migration Time and Costs:** The Prowess team meticulously analyzed the legacy interfaces, identifying services for migration and discovering consumers along the way. This comprehensive understanding of the existing ecosystem established a successful migration strategy.

- 2. Increased Efficiency and Agility:** Successfully migrating 160+ services to MuleSoft fostered a more modern and agile integration environment. This allowed the organization to adapt to changing business needs more quickly and efficiently.
- 3. Optimized Resource Allocation:** The 70% reusability rate of existing Mule services significantly reduced development effort required for the migration. This freed up valuable resources for other projects and allowed faster completion of the migration itself.
- 4. Improved Maintainability:** A consolidated integration platform using MuleSoft simplified future maintenance and updates compared to managing a diverse set of legacy technologies (DataPower, IIB, MQ). This translates to lower ongoing costs and improved IT staff productivity.
- 5. Enhanced Scalability:** Migrating to a modern platform like MuleSoft laid the groundwork for future scalability. The organization easily accommodated growth in integrations without significant infrastructure changes.

For further information, please contact:

## Prowess Software Services

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