

Migrating legacy systems for an Australian **mutual fund** organization



Achieving digital transformation success through
API-led integration and cloud migration

The client is a mutual fund organization based in Australia. Its main focus is to provide a comprehensive range of products and services to its members in various areas such as motoring and mobility, home, leisure, financial services and general insurance.

To keep up with the changing times and meet the growing demands of their members, the client embarked on a digital transformation journey. The main objective of this journey was to provide a modern experience to the members and introduce new and innovative products to cater to their evolving needs.

The challenge:

The client was facing several challenges with their on-premises member engagement applications, which led them to embark on a digital transformation journey. One of the key challenges was the need to improve the scalability and reliability of their applications, which were hindered by slow environment provisioning and monolithic architecture.

This made it difficult for the client to meet the needs of their customers in a timely and efficient manner.

Another challenge was the inability to

support quicker incorporation of platform patches and enhancements, which made it difficult for the client to keep their applications up-to-date with the latest features and security updates. Additionally, the client was limited by their existing infrastructure, which was not designed to support cloud and newer integration patterns. This made it difficult for them to achieve their goal of creating a more efficient and effective system that would help them better serve their customers.

The Objective:

As a part of its digital transformation journey, the company sought to migrate its on-premises member engagement applications to a cloud platform. This was done to improve the scalability and reliability of their applications while reducing IT constraints such as slow environment provisioning and monolithic architecture. The company also aimed to support quicker

incorporation of platform patches and enhancements. To support these business prerogatives, they sought a reliable partner who could implement a scalable platform that supported cloud and newer integration patterns. The company's goal was to create a more efficient and effective system that would help them better serve their customers.

The Solution:

HCLTech was able to successfully implement a middleware architecture on MuleSoft's Anypoint Platform to facilitate API-led integration. This middleware architecture was further augmented by the inclusion of software that supports workflows, business rules and other related applications. The entire suite of services was packaged together and offered to the client's Line of Businesses (LoBs) as a Platform-as-a-service (PaaS) solution. To ensure rapid development while meeting strict security, audit and

governance requirements, HHCLTech ADvantage Code for MuleSoft was deployed

In order to quickly implement customized platform analytics while meeting regulatory and compliance requirements, HCLTech also utilized their proprietary ROAR (Real Time Operational and Analytics Reporting) framework. ROAR is a next-generation reporting solution to deliver end-to-end transaction tracking, domain-specific and business-related insights using information

aggregated from logs of different applications including integrations. The implementation of sub-flows packaged as a reusable MuleSoft Utility Library helped standardize pluggable code and address common non-functional requirements, which resulted in the successful migration of integrations, business processes and rules from the incumbent monolithic architecture platform to MuleSoft's Anypoint Platform – the target middleware platform.

HCLTech currently enhances, manages and supports over 300 APIs, which is a testament to the success of their approach. Overall, their implementation of the middleware architecture on MuleSoft's Anypoint Platform has allowed for streamlined and efficient API-led integration, providing significant benefits to the client's LoBs.

The Impact:

HCLTech's services have resulted in significant business benefits for the client. The use of HCLTech ADvantage Code for MuleSoft accelerator led to a savings of approximately 25% in development costs. Additionally, the project resulted in an increase in operational efficiency of 15%, allowing the client to operate more efficiently and effectively.

Furthermore, HCLTech implemented a cost-effective, secure and scalable middleware platform that can support any future business transformation initiatives undertaken by the client. This has enabled the client to onboard new business products and applications more quickly, providing them with the ability to natively integrate and enhance investment in existing technologies.

Our implementation has also acted as a launch pad for the client, providing them with the ability to innovate and experiment with modern technology and approaches. This has positioned the client as a leading market disruptor, providing them with a competitive edge in the market. Overall, HCLTech's services have delivered significant business benefits to the client, making it a highly successful project.

