

***Prolifics.***

# GLOBAL BANKING FIRM LOWERS COSTS THROUGH MODERN INTEGRATION

Our Client - global financial institution with focus on emerging markets

The Challenge - managing new integrations and developments

The Action - MuleSoft technology and quality testing services

Results - cost savings, efficiencies, expanding integration benefits



## Our Client

This financial institution is a global markets banking specialist (MBS) offering its international customer base commodities and fixed income and currencies products that focus on emerging markets. The organization prides itself on forming strong, lasting relationships with its clients.



## The Challenge - Managing new integrations & developments

At the institution's foundation is a rich landscape of best-of-breed banking applications, performing core functions related to foreign exchange transactions and purchases of commodities. What their clients see and experience are high level, customer-facing foundational systems. The challenge here related to the downstream interconnectivity of those systems.

Our client possessed a number of integration solutions, both commercial and customized, each completing crucial real-time or batch integrations, managing high-value, time-sensitive transactions and also larger, bulk core banking messaging providing the essential connectivity which underpins their business functions.

The first commercial solution, for real-time and batch integration, had historically been adequate for the client's use case, but as the organization grew and transformed, the product proved inadequate to cope with their requirements, as well as limiting the growth and innovation.

The second, a customized solution, handling largely batch-processing, also had become difficult to maintain, adapt and grow as demand for innovation had out-stripped its initial specification. This, coupled with its implementation on a legacy technological base and limited skills available to provide support for it, meant the ability of the business to develop the platform further was severely limited.

Both hindered our client in their ability to manage new integrations and developments effectively, putting a limit on innovation, efficient change and operations. This prompted the team to look at alternative integration solutions, with an eye to implementing an API focussed solution. MuleSoft was ultimately selected as their integration core to replace the legacy architecture.

# The Action - Delivering MuleSoft technology and quality testing services


MBS's relationship with Prolifics proved to be a fundamental factor in delivering a successful solution to the client's integration challenges. Another factor is our large number of partnerships with vendors known for quality integration platforms. The initial partnership we brought to the table completed a successful pilot, however the customer ultimately decided to put their project on hold while considering other options in what is considered a highly competitive marketplace.

During this time, Prolifics maintained contact with the customer and continued to develop our skills in multiple integration technology solutions, including a burgeoning partnership with MuleSoft. When the customer looked to move forward with a solution, this time on MuleSoft technology, our team reengaged and was selected to provide the services.

While the Prolifics relationship and MuleSoft practice was relatively recent, we did have wider MuleSoft expertise in our global delivery team. We had also developed a significant degree of trust and knowledge of the customer systems during the pilot project we had previously engaged on, giving Prolifics unique insight into the architecture and the best way to progress. These factors, coupled with our experience and professionalism, impressed the customer and Prolifics was awarded the integration development contract.

During the early stages of the project, we identified that quality assurance and testing services would be required to ensure the performance and seamless integration of their new MuleSoft solution. Prolifics engaged our experienced API testers and MuleSoft QA specialists, a part of our established global testing team.

Prolifics employed an Agile approach for the delivery of the integration implementation, consisting of multiple four-week sprints to deliver more than 160 newly created APIs. Prolifics worked with MBS to prioritize API development, ensuring it met industry-standards, and allowed for optimal code-reuse to maximize the efficiency of the solution build process. Our ongoing development lifecycle took the new integrations through the development lifecycle to production. Prolifics delivered a steady stream of APIs to benefit the client throughout the project, allowing them to use and immediately recognize benefits from the new and improved solution. Efficiencies were recognized at all stages of the project through architecture, design, development and deployment.



“At MBS there was still a lot of integration being done by batch processing. So, to have some of these best-of-breed banking applications integrate, MBS would run nightly jobs and create export files. Those files would get picked up by the integration piece through batch processes, it became quite a complex integration to manage among all the different banking applications.”

**Chris Evans,**  
**Prolifics UK's Practice**  
**Lead - Operations,**

# Results - significant cost savings, better efficiencies, expanding integration benefits



The critical factor of the original project – now completed – was to efficiently migrate the client onto an API based MuleSoft infrastructure and be able to decommission both previous integration platforms.

Our client realized significant cost savings across the board, removing the unsupported legacy technology; for a more efficient solution to act as a catalyst for innovation, while providing the agility to develop faster.

With the MuleSoft model, reusing the APIs means lower incremental costs for additional APIs and lowers the total overall cost of ownership. Even when developing disparate solutions, there are certain elements that can always be reused, like the handling of errors, reporting, and the way certain transformations are accomplished. Prolifics ensured the customer's solution exploited all of these benefits.

The customer continues to grow the solution as new requirements for business innovation drive them forward, Prolifics have been engaged to develop new functionality, bringing the benefits of the delivered APIs to a wider set of applications, exploiting all the features of the MuleSoft AnyPoint platform. In addition to this, they have also engaged us to provide managed service. Prolifics provides 24/7 oversight of production environments engaging to resolve application errors, data issues or anything that pertains to the performance of the new infrastructure.

# ***Prolifics***

Prolifics is a digital engineering and consulting firm helping clients navigate and accelerate their digital transformation journeys. We deliver relevant outcomes using our systematic approach to rapid, enterprise-grade continuous innovation. We treat our digital deliverables like a customized product – using agile practices to deliver immediate and ongoing increases in value.

We provide consulting, engineering and managed services for all our practice areas – Data & AI, Integration & Applications, Business Automation, DevXOps, Test Automation, and Cybersecurity – at any point our clients need them.

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