

Case Study



Infosys Implements Cash Management and Payments Solution for a Leading International Investment Bank

Abstract

Client is a leading international investment bank that has rapidly expanded into a global player through a strategy of acquisitions. The client wanted to implement a Central Financial Messaging Hub connecting internal applications with external gateways to address new regulatory and business requirements like Central Global Payments Network and Reconciliation.

Therefore the need was to understand and analyze business & technical requirements, and also to build interfaces for integration using BizTalk as the solution tool. This led to improved performance, Flexibility, Scalability and monitoring of the system.

Client Description

The client is a global wealth manager, a top tier investment banking and securities firm, and one of the largest global asset managers, which provides a full spectrum of services to corporate and institutional clients, government and financial intermediaries.

Problem Statement

The existing Financial Messaging had Direct, Diverse Communication between Internal Applications and Gateways with following limitations:

- **No Central Messaging Hub** – No sharing of common functionality, inability to address cross-gateway requirements
- **Difficulty in addressing Regulatory Requirements** like Compliance Screening of messages and FedBCP regulations
- **Difficulty in addressing Business Requirements** like Central Global Payments Network and Reconciliation
- **Limitations of value addition** from a messaging perspective like Message Flow Dashboard and Traffic Analysis
- New initiatives require **changes to many internal applications**

Hence a central Financial Messaging Hub solution connecting internal applications with external gateways was needed to address new regulatory and business requirements.

Business Drivers and Objectives

The solution sought after a single platform (Hub) that connected internal applications with external gateways to address new regulatory and business requirements and reduce cost of maintenance.

Other Key Objectives:

- One Global Financial Messaging Hub for the entire Investment Bank
- Consolidation of the Cash Management across the regions into a central location
- Compliance Screen every single payment message for Anti-Money Laundering and Terrorist financial activities
- Message Flow Dashboard and Traffic Analysis
- Scalability – Seamless integration with new applications
- Performance – Minimum of 15 messages per sec
- Disaster Recovery / Business Continuity – FedBCP Compliant Solution
- Zero Data Loss

Infosys Approach

Infosys started with assessment of the existing state of EAI competency through series of workshops with stake holders.

Infosys proposed ICC framework to Client and based on workshops with client and outcome of assessment, ICC roadmap was created for Client.

ICC Blueprint design & initial competency building was executed simultaneously to save timelines.

Solution

A scalable Financial Messaging Hub was built integrating multiple internal applications of UBS, various external market gateways and other mission critical Risk Screening and compliance applications.

Financial Messaging Solution provides a comprehensive set of value added services such as:

| | |
|---------------------------|----------------------------|
| Compliance Screening | Multi-Entity Enabling |
| Message Validation | Duplicate Checking |
| Message Transformations | Message Enrichment |
| Message Sequencing | Content Based Routing |
| Reconciliation | Manual Message Repair |
| Manual Message Creation | Message Archiving |
| Message Printing | Message Flow Dashboard |
| Traffic Analysis Reports | Business Analytics Reports |
| Gateway Comparison Charts | Dynamic Gateway Selection |

Benefits to Client

- One Global Financial Messaging Hub for the entire Investment Bank
- Consolidation of the Cash Management across the regions into a central location
- Flexible SOA based Messaging infrastructure that enables faster adaptation of business changes either due to regulatory or competitive drivers
- Automation and optimization of the business processes
- The IMB solution processes 110 million messages every year. The estimated ROI per message has been estimated at 0.06 cents
- Efficient solution for quick rollouts in the new territories adapting to local norms
- Reducing the cost of implementing new interfaces by 75% because of increase in reusability of components
- Enabling the compliance screening of the payment messages transacted between the various internal applications of UBS and the SWIFT that is a key driver for the Anti Money Laundering initiatives of UBS



For more information, contact askus@infosys.com

About Infosys

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