

Project Note

Integration platform for global transactions

Through uniform payment processing, a major international bank achieved increased security and simplified compliance. The substantial project was achieved within time under Zühlke leadership.

Task

A major international bank extended an existing local solution for the integration of payment flows to all global departments (America, Europe, Asia). There are stringent requirements in the areas of security and compliance specified by various national financial control authorities. An important goal of the project was the creation of a uniform compliance interface for the implementation of Basel II and Sarbanes-Oxley regulations. Zühlke was responsible for the overall programme coordination, the implementation and start-up, the control of six project leaders as well as the overall design for reporting. Special attention was given to the high availability requirement of the system: 120'000 messages for payments per day, and 45 minutes maximum retrieval time inclusive of the post processing of all messages.

Implementation

The existing project structure for the local solution was converted into a programme organisation with offshore development. Zühlke divided the programme into six projects, in which about 60 developers work on-site as well as offshore. Additionally the team could fall back on the specialised knowledge of 120 businesses experts and other people involved. The project leaders chose BizTalk for the implementation platform, and Websphere MQ as the messaging layer. To achieve the target, 200 separate process definitions, 20 messaging schemas, 150 integrated messaging endpoints and the use of custom pipelines in .NET were needed. All requirement and test processes were re-aligned, as well as production planning, e.g. system monitoring requirements.



Technical Data

- Microsoft BizTalk Server
- Microsoft Operations Manager
- IBM Websphere MQ
- Microsoft .NET
- MS Accelerator for SWIFT

Customer benefits

- When structuring the programme management, Zühlke's basic methodical approach paid off.
- The experience from large, geographically distributed software engineering projects avoids project risks and enables the successful and timely rollout of the integration platform.
- The software quality is improved through the introduction of best practices (e.g. in the area of testing).

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