


Company Details

Zürcher Kantonalbank (ZKB), founded in 1870, is the largest Cantonal Bank and the third largest bank in Switzerland with over 4,300 employees and 113 branches.

Industry

- Financial Services

Business Challenges

- Conduct eBanking/eBusiness for corporate clients
- Enable ZKB to act as a single service bank for its clients and gateway to other institutions
- Direct integration of payments systems
- Run applications more efficiently with lower risk

Solution Overview

- Unified integration platform to handle large data volumes
- SeeBeyond selected for its scalability on OS390 platform
- Ability to support SWIFT messaging and ISO15022 message formats
- Integration of SWIFT, EDIFACT and XML

"ZKB's underlying goal is to further extend its eBusiness (B2B processes and B2C applications) while leveraging existing solutions. As our strategic integration platform for the integration of business processes across various sales channels, ZKB selected SeeBeyond to simplify data transfer across the bank's internal and external systems and expedite interbank SWIFT transactions." **Stefan Lenz**, Lenz, Head of Business Technology Sales, ZKB

Business Challenges

With corporate clients increasingly demanding the option to electronically exchange data, ZKB needed to quickly enable its business partners to conduct transactions electronically in a standardized format - allowing easier processing with third-party systems. In addition, many of the larger corporate clients that have multiple bank accounts wanted to be able to process all of their transactions through a single bank which would act as a gateway to transfer orders to other institutions.

Traditionally, companies in the food processing, retail and automotive industries have had the greatest need for electronic data exchange services. To meet these demands and to help open up new areas of business, ZKB initiated a program to address the expansion and development of its eBusiness and eBanking services. The services included in the program were the electronic delivery of account and portfolio statements (with SWIFT often being the desired format) and the electronic acceptance of transaction orders by ZKB. Furthermore, asset managers and fund managers are starting to request the delivery of transaction data, directly into their processes and systems as opposed to being delivery by a graphical user interface.

As a result of these various market and organizational demands facing ZKB, the company had to implement a solution that would allow it to process a variety of communications protocols and data formats in a cost efficient manner.

Solution Overview

To address these demands, ZKB established "Metro" (Message Transformation Gateway System) to facilitate the communication between internal and external partners (e.g. processing of blocking of account and credit cards). Metro offers conversion services to other IT systems across ZKB, and as a result, needed the ability to integrate standardized business processes across existing systems and applications.

To handle both its current requirements and the growing volume of data processing required in the future, ZKB began to look for a powerful integration platform. Due to the number of external partners, the number of services with which data is to be exchanged, and also the number of data formats which need to be maintained, there are very high demands in terms of functionality and flexibility on systems such as Metro.

ZKB looked at a number of competing products on the market before selecting the SeeBeyond suite. The SeeBeyond platform was chosen for its

scalability, particularly on the OS390 mainframe platform, as well as for its capabilities to control and manage STP-oriented business processes. Key to the selection was the ability to process SWIFT ISO15022 securities messages that enable continuous settlement processing and handle increasing volumes of transactions in a secure environment.

In production since November 2002, the SeeBeyond platform replaced ZKB's former point-to-point integration solutions, which had many weaknesses and were costly to run. Metro was also was integrated into ZKB's main server infrastructure, "ZSI" (Zentrale Server Infrastruktur), at the end of November 2002. Since then METRO has expanded into multiple phases and has connected to additional systems.

Business Benefits

By implementing the SeeBeyond suite, Zürcher Kantonalbank has replaced all of its existing integration solutions operating on a point-to-point basis. ZKB can now integrate disparate payment and securities systems very rapidly and has significantly improved data exchange with external partners using EDIFACT and the SWIFT network. This deployment was the beginning of a phased implementation process covering standard intra-enterprise data transformation processes such as EDIFACT, SWIFT or XML data transformation that will be processed through the SeeBeyond eGate™ Integrator platform.

ZKB has created the foundation for eBusiness services by setting up a universal EDI converter for carrying out B2B data exchange. It is important for ZKB in the medium term to not only be able to offer front-end tools to enable corporate client business, but also to deliver the right data to the customer. This data can now be integrated directly into the clients' processes and systems. As a result, ZKB's clients can utilize the data within their own environment such as SAP. With the eGate platform, real-time data needed to handle their business processes is made available or can be supplied by ZKB.

In August 2003, Metro Release 1.1 was rolled out. The project consisted of the following modules:

Updating SWIFT formats and integration of SWIFT mandates, Optimizing schema architecture of Metro 1.0, Migration METRO-platform (Unix part) to IBM AIX 5.1, and the Connection derivatives trading system.

The November 2003 Metro Release includes the following components: Connection of Finance Service Provider Partners in the Life Insurance Sector, and Conversions of asset data of asset management mandates of corporate clients.

"Direct electronic data exchange is based on various technologies and standards. A bank therefore has to be in a position to process a wide range of communication protocols and data formats, we can now achieve this using SeeBeyond." **Stefan Lenz**, Head of Business Technology Sales, ZKB

Business Benefits

- Cost savings through rapid integration of disparate payment systems and applications
- Integration of data into clients' systems and processes, i.e. SAP
- Online-Trading with external partners via networks such as EDIFACT, SWIFT or XML

Technology Profile

- SeeBeyond Components
- eGate™ Integrator 4.5
- eInsight™ Business Process Manager 4.5.2
 - MQSeries eWay™
 - Batch eWay™
 - Oracle Series eWay™

Integrations

- SWIFT
- MQSeries
- Oracle

Hardware/OS

- AIX