

GAIN Data Management Use Case

GAIN as central Data Hub for Avaloq at Bank Sarasin

Martin Buchberger | Head of Marketing and Sales

AIM Software and Bank Sarasin & Co. Ltd, a leading Swiss private bank, look back on a long-standing cooperation in the field of reference data management. Bank Sarasin has been using GAIN Data Management since 2002 for the ad-hoc opening of instruments as well as the export of SIX Telekurs data to other systems. Due to increasing demands from the market, it became necessary for Bank Sarasin to upgrade the existing installation to a central data management platform.

- GAIN as central security master
- Certified GAIN | Avaloq adapter
- Enhanced data quality
- Automatic opening of instruments

Long standing cooperation

The Swiss private bank, with a strong international focus, first deployed AIM Software's flagship reference data management solution GAIN Data Management in 2002 for the processing of SIX Telekurs VDF data. The solution included a fully-fledged reporting system for all VDF data as well as features to build queries, to extract data in several formats and to quickly elaborate new data requests.

At the end of 2003, Bank Sarasin decided to further extend its existing data management system and agreed to become the pilot customer for the standard GAIN | Avaloq adapter that was developed in joint cooperation between AIM Software and Avaloq. As a result of the project, Bank Sarasin considerably enhanced its level of Straight Through Processing of reference data and automated the opening of instruments in the Avaloq Banking System.

Continuous upgrade of GAIN Data Management

Due to larger market volumes and a strong internationalisation, it became necessary for the bank to further centralize the data management to facilitate the delivery of SIX Telekurs data to Sarasin subsidiaries. Given Bank Sarasin's previous experience with GAIN Data Management and AIM Software's proven track record in the Avaloq community, Bank Sarasin decided to upgrade the existing GAIN Data Management suite in 2008 to be one of the first banks to utilize the GAIN | Avaloq adapter now certified by Avaloq. This enhancement, which included the implementation of customer specific business logic for the Avaloq Banking System, helped

to further improve the data quality and the automatic processing of mutation information and high volume corporate actions.

The latest upgrade of the GAIN reference data management platform, which went live in January 2009, comprises the installation of a central data management hub to ease the distribution of financial data to Sarasin infrastructures and to further reduce the overall effort for data maintenance.

"Owing to the positive experience with GAIN Data Management in the past, we have chosen to upgrade the existing solution to AIM Software's central security master file." Julius Zuercher, Bank Sarasin

Automatic opening of instruments: a main demand

Whenever a new instrument is added to a bank's portfolio, the instrument has to be opened in the core banking application first, with the request being initiated by the trading room, the internet banking platform or any department which may require the information in question. For this purpose, banking applications require a set of mandatory fields which are often still entered manually by an employee in the back office department who has to search for the data in various sources, a time consuming and error-prone procedure.

The automatic security opening feature of GAIN delivers all necessary fields from a data feed to the Avaloq screen thus saving the user from the tedious manual data

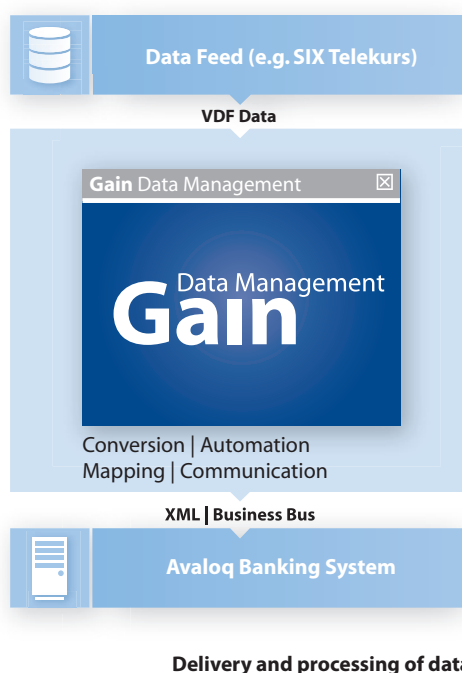


collection. The whole process does not require manual interference, which ensures significant time and cost savings for banks and eliminates the risk of flawed input.

GAIN Data Management takes care that all imported data is checked prior to export to the banking application. A further increase of data quality is achieved through additional control reports. Whenever exceptions occur, an intuitive interface provides a view on the data flagged as faulty and risky or where the bank stipulated that data has to be checked manually in any event. The automatic integration of VDF data into the Avaloq Banking System enables the trading room of a bank to start trading the instruments earlier.

Instrument opening in the Avaloq Banking System

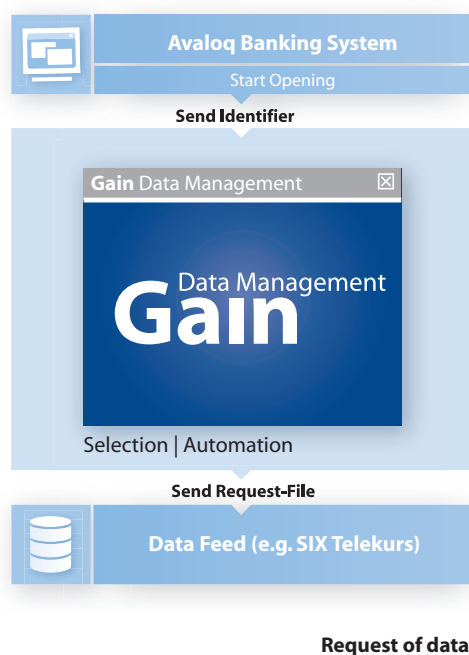
The automatic opening process comprises the following steps: As GAIN runs in the background, the user starts the opening process directly within an Avaloq dialog. Once initiated, the instrument opening process is executed using the "adhoc delivery" function of GAIN Data Management sending the requested instrument identifiers to GAIN. GAIN forwards this request to SIX Telekurs,



Outlook to further steps at Bank Sarasin

Additional planned steps include the automation of corporate actions, the improvement of the price delivery as well as the deployment of the full range security master file at Bank Sarasin. By using GAIN as central data management platform, Bank Sarasin will be able to centrally manage the data quality and the delivery of data feed information to its international subsidiaries thus considerably cutting back on decentral infrastructure costs.

Over the last few years, the evolution of the GAIN platform at Bank Sarasin has been fully aligned with developments of the Avaloq Banking System. Martin Buchberger, Head of Marketing and Sales at AIM Software, explains: "The collaboration efforts of Avaloq and AIM Software have resulted in a fully tested and certified Avaloq adapter, for us an important milestone in the reduction of costs that arise from proprietary developments of banks. The GAIN | Avaloq adapter is already being used by a large client base, and projects at customers like Bank Sarasin help us to further reduce the effort for a single institution."



for instance, and waits until the data is delivered by the SIX Telekurs servers. Once available, the data is downloaded and imported into the central GAIN database.

In the course of processing the data, several codes are mapped to Avaloq codes with the mapping engine of GAIN Data Management, such as asset types, interest calculation methods, option types, currencies or domiciles. Finally, GAIN creates an XML output for the Avaloq Banking System and transfers it by using the Avaloq business bus interface. An additional control report for the imported data is created automatically. At this stage, the end user has the possibility to perform a final check before exporting the delivered data.

About Bank Sarasin & Co.

www.sarasin.ch

Sustainable Swiss Private Banking since 1841

Bank Sarasin is a leading Swiss private bank whose many years of banking experience has made it consciously opt for sustainability as a key component of its corporate philosophy. It provides a high level of service and expertise when acting as investment advisor and asset manager for private and institutional clients. Within Switzerland, Sarasin has offices in Basel (head office), Geneva, Lugano, and Zurich. Bank Sarasin & Co. Ltd is listed on the SIX Swiss Exchange.

Contact | Bank Sarasin

Bank Sarasin & Co. Ltd
Elisabethenstrasse 62
4002 Basel, Switzerland
info@sarasin.ch
www.sarasin.ch

Contact | AIM Software

MARTIN BUCHBERGER
Rietbrunnen 20
8808 Pfäffikon, Switzerland
T: +41 44 586 46 52
martin.buchberger@aimssoftware.com
www.aimssoftware.com

AIM Software GmbH
Gonzagagasse 16
1010 Vienna, Austria
T: +43 1 512 46 52
office@aimssoftware.com