



GAIN Data Management White Paper

GAIN | Ambit Apsys Adapter Description of Functions

Josef Sommeregger | Business Development and Sales

GAIN Data Management provides a maintained adapter that enables the automation of the import of financial data feeds into the banking application Ambit Apsys. The daily updates of security prices, FX rates or income and revenue data as well as the automatic creation of new securities help to improve the quality of reference data utilized within the back office and to increase the level of Straight Through Processing throughout the whole organization.

- Fully maintained GAIN | Ambit Apsys adapter
- Straight Through Processing into Ambit Apsys
- Automatic creation of new securities
- Connectivity to 15+ feeds
- Customization to clients' needs

Best of breed solution reduces risks

AIM Software, one of the leading providers of data management solutions, nurtures a long standing relationship with the Ambit Apsys division of SunGard in the field of automatic data feed processing. Based on GAIN Data Management, AIM Software offers a maintained adapter with a wide range of standard interfaces to Ambit Apsys which can be further customized on demand to meet client specific requirements.

One of the main motives for this cooperation was the success of Ambit Apsys in the market. The partnership was essential to guarantee the best support for all clients using both GAIN and Ambit Apsys and to reduce project risks and costs for the growing Ambit Apsys user base already serviced by AIM Software. AIM Software cooperates with some of the major Ambit Apsys banks such as Privatbank IHAG and Wegelin & Co, which also

act as pilot clients for new developments. Thereby the GAIN | Ambit Apsys interface guarantees a strongly tested, future proof platform for data management, fully aligned with the evolution of Ambit Apsys.

“A strong factor in our decision to partner with AIM Software was the already existing interfacing experience of GAIN with the Ambit Apsys banking application.”
Daniel Albisser, Privatbank IHAG

Focus on core competence

A key feature for Ambit Apsys is both the ability of GAIN Data Management to connect to a multitude of data feeds and to manage the storage, versioning and mapping of the data in multiple ways.

Ambit Apsys manages the delivered security data while the GAIN platform covers more client specific needs and acts as a data hub and interpreter in the background. The user does not have to leave Ambit Apsys to handle all requests. In addition, AIM Software can now provide Ambit Apsys clients with extended added value features, including intra-day instrument openings, routing of data feed requests and the scrubbing of several data sources.

- Request + download management
- Metadata Management
- Mapping + Reformatting
- Workflow Management and Task Scheduling
- Export to Ambit Apsys

Currently, there are ready-made interfaces available for SIX Telekurs VDF and Thomson Reuters DataScope. Based on the multi-data-feed capability of GAIN, further GAIN | Ambit Apsys interfaces for other data feeds can be provided.

With the release 1.10, Ambit Apsys defined a new import interface for basic data and event data that enables GAIN to feed even more data. The GAIN | Ambit Apsys interface is now capable of importing all data to automatically create new securities, to update income and revenue data as well as pricing information for securities, currencies, interests and indices daily. This gives Ambit Apsys a competitive advantage over other solutions which still require manual input in this area.

“With GAIN, we were able to move to an automated environment, including the opening of new securities as well as to undertake further steps towards the automated processing of security data.” Daniel Albisser, IHAG

GAIN Data Management: the all-in-one solution

GAIN Data Management is an all-in-one data management platform that enables the user to access and process messages from a multitude of the world’s leading back-office and real-time data feeds in an automated way.

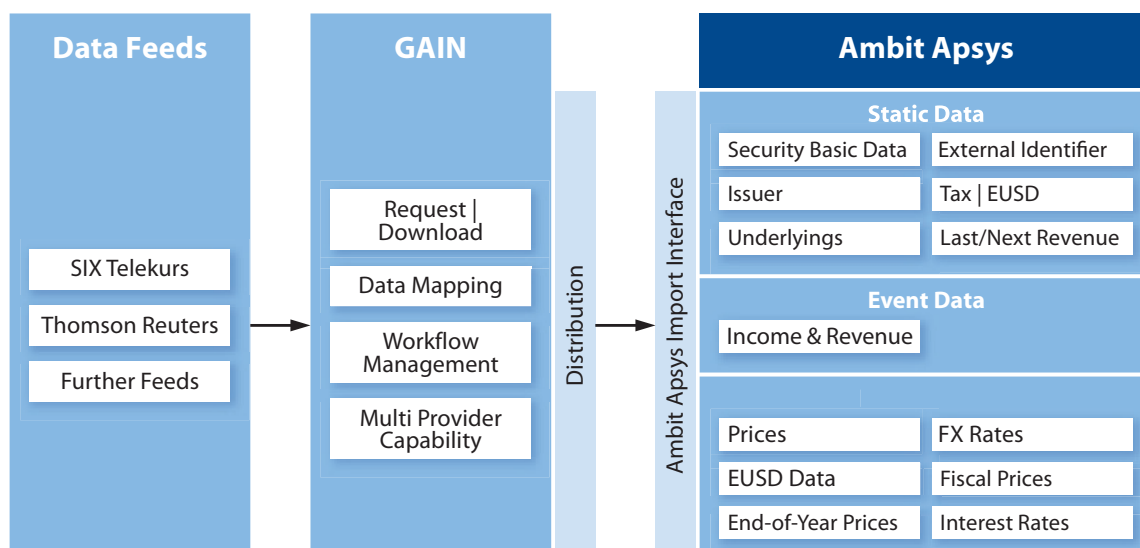
With its automation, routing, reporting and display features, GAIN Data Management considerably eases the daily data management effort for feeding Ambit Apsys and takes care that all imported data is checked prior to the export to Ambit Apsys.

GAIN Data Management takes care of all necessary processing steps when importing data from different data feed providers:

GAIN at Privatbank IHAG Zurich

In July 2002, Swiss Privatbank IHAG Zurich (IHAG) decided to use GAIN Data Management with the goal of increasing the quality of its back office security management.

The purpose of GAIN is to download, convert and manage the SIX Telekurs VDF data which is delivered in EDIFACT format and to transform the data into the format of Ambit Apsys. The requested security data is limited to instruments that are active in IHAG’s portfolio. After the download, which is fully controlled by GAIN, the security data is processed and prepared for transfer into Ambit Apsys. In addition to the daily delivery of SIX Telekurs VDF end-of day valuation prices, fiscal prices and end-of-year prices, GAIN provides a full corporate actions reporting.



Automatic creation of new securities

With Ambit Apsys, IHAG uses the GAIN module for the automatic creation of new securities covering the full range of the necessary basic data elements.

Whenever a bank adds a new instrument to its portfolio, this instrument must first be opened in the banking application. For this purpose, Ambit Apsys demands a set of fields via GAIN which previously had to be collected from various sources and entered manually by an employee in the back office department. GAIN Data

“We see this best of breed partnership as a trend where solution providers combine their know-how and expertise for extending the reach of their products and services, while focusing on their core competencies.” Martin Buchberger, Head of Marketing and Sales, AIM Software

Management takes care of the automatic processing and mapping of all required data, and ensures that all imported data is checked prior to export to Ambit Apsys, resulting in significant time and cost savings for the bank and also eliminating the risk of flawed inputs. A further increase of data quality is achieved through automatically created control lists.

Before the import into the Ambit Apsys database, the back office user has got the option to verify the resulting data directly within Ambit Apsys.

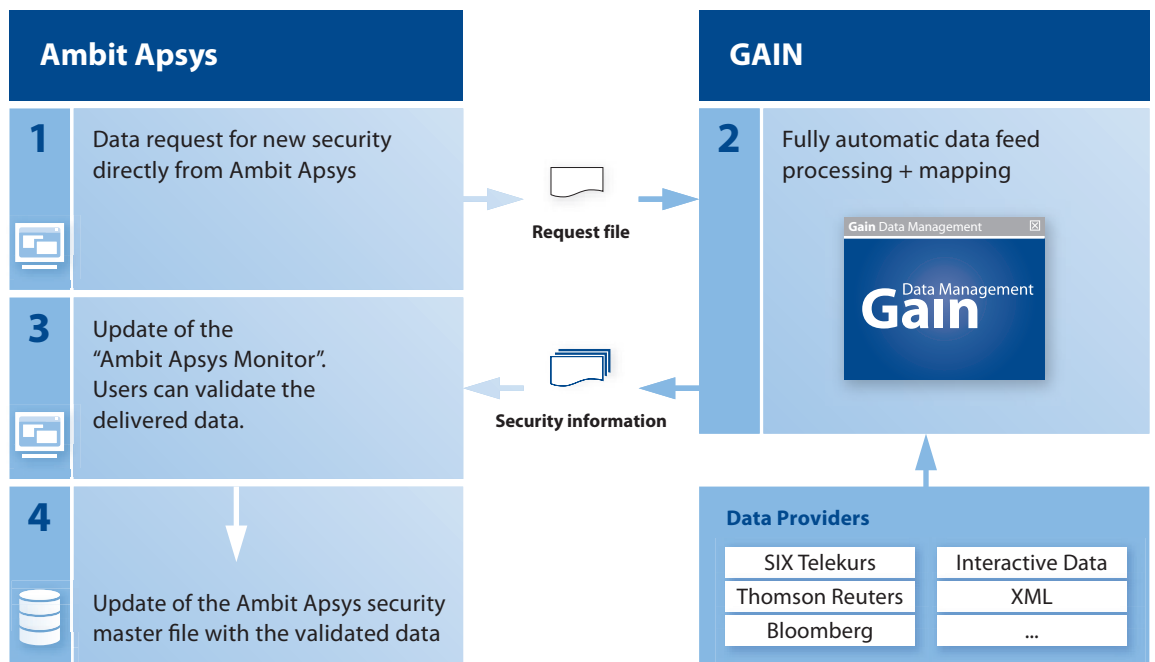
Details of the GAIN | Ambit Apsys security creation interface

- Automatic creation of any security, except options and futures
- Approximately 150 basic data elements are delivered from the following data categories:
 - Static information of securities incl. TIS value (EUSD data)
 - Security identifiers
 - Security issuer attributes
 - Last revenue payment + next planned revenue
- Extended information delivered by the interface:
 - Tax information for combined instruments
 - Underlying securities of derivatives
 - “Final reimbursement” event for a bond
 - Security Events (e.g. (premature) redemption | conversion | further events possible)
 - User-defined fields (on demand)

The user also benefits from the easy handling of data since he opens and processes it directly in Ambit Apsys while GAIN runs in the background. The user can open a security at any time (interactive mode) and has got the possibility to check the imported data manually in “Ambit Apsys Monitor” before loading it into the Ambit Apsys database.

Daily refreshes of security data

By relying on the Ambit Apsys mass update interface, AIM Software is also able to offer an automatic daily update of the basic data of securities. The data fields



Workflow for the creation of a security

correspond to those of the security creation interface. Within Ambit Apsys, the client is able to flag all fields that need to be updated on a daily basis and mark the ones that have to remain unchanged (e.g. security name).

Furthermore, an automatic daily update of the income types dividends and coupons can be carried out.

Details of the GAIN | Ambit Apsys security income and revenue interface

- The GAIN | Ambit Apsys interface updates the Ambit Apsys database with the announcements on the next revenue of the securities.
- For shares: the next dividend
- For bonds: the next coupon and the following ones with the respective effective date as well as bonds with floating rates or irregular periods (short or long coupons).
- The update frequency is customizable depending on the bank's strategy.

All available GAIN | Ambit Apsys interfaces at a glance

These interfaces are continuously extended and adapted to new Ambit Apsys functions in the course of client projects.

The following interfaces are available for SIX Telekurs:

Price Interfaces

- Security End-of-Day Prices (Valuation Prices)
- Security Fiscal/End-of-Year Rates
- Interest Rates (SIX Telekurs and Thomson Reuters)
- Index Rates (SIX Telekurs and Thomson Reuters)
- Currency (FX) Rates (SIX Telekurs and Thomson Reuters)
- TIS (Taxable Income per Share) prices

Static Data Interfaces

- Security Creation
- Security Updates
- EU Savings Tax (EUSD) | Initialisation

Cashflow Interfaces

- TID | Special reports
- Security Income & Revenues

Configuration options of the interface

- Easy client-specific parameterisation
- Adjustments of mappings between VDF codes and Ambit Apsys internal IDs by using dynamic mapping tables
- Extended configuration possibilities through parameterised scripts

In addition, GAIN offers the following optional functions:

- Cleansing
- Exception Handling
- Reconciliation / Scrubbing
- Workflow Management
- Reporting, Titlebulletin™ replacement and more

Ambit Apsys clients serviced by AIM Software

- Adler Privatbank
- Arab Bank
- Banca Euromobiliare
- Baumann
- BBVA Privanza Suiza
- Finter Bank
- Gonet
- Hypo Alpe-Adria
- Hypo Investment
- Nomura
- Privatbank IHAG Zurich
- Raiffeisenbank Liechtenstein
- SFB services4banks
- Sydbank (Switzerland)
- Volksbank Vaduz
- Wegelin

Contact | SunGard

SunGard Switzerland
Freigutstrasse 16
8002 Zurich, Switzerland
T: +41 44 560 84 00
www.sungard.com

Contact | AIM Software

JOSEF SOMMEREGGER
Head of Business
Development and Sales
Rietbrunnen 20
8808 Pfäffikon, Switzerland
T: + 41 44 586 46 52
josef.sommeregger@aimsoftware.com
www.aimsoftware.com

Features of the GAIN | Ambit Apsys interface

Automatic import of

- the main static data fields for the creation of security and associated data
- prices: security prices, fiscal prices, end of year prices, EUSD data, currency | interest rates
- Basel II data: ratings etc.
- daily updates of income & revenue and security basic data
- initial loads of security basic data

Broad GAIN | Ambit Apsys user pool guarantees steady enhancements.

About Privatbank IHAG Zurich

www.pbihag.ch

Privatbank IHAG Zurich is a Swiss private bank, established in 1949, which offers services to its clients in private banking, credit services and trading. In April 2000, the bank was renamed from Industrie- und Handelsbank (IHAG) to Privatbank IHAG Zürich, symbolizing the corporate culture shift towards individuals and their private money matters.