



SnapFlux for Avaloq

The integration of market data into risk management systems and tools for compliance analysis or other back office applications, is the current standard for modern banking processes. **SnapFlux for Avaloq** provides with market data sourced from Thomson Reuters or Bloomberg a customised, integrated solution for Avaloq Core.

Market Data Integration for Avaloq Core customised, fast and reliable

SnapFlux for Avaloq - Advantages at a glance

Control

- Software as a Service: **SnapFlux for Avaloq** provides the data directly to the adapter, no market data infrastructure needed on the customer side
- Data can be customised to individual needs with formulas
- Data deliveries can be configured fine granular and precise
- Expected data deliveries are monitored by the adapter

Security

- REST service with inverse direction of communication - no requests are sent from the customer network
- Communication via encrypted (VPN, SSL via Internet) connections
- Adapter can be installed in DMZ
- Database of Avaloq Core can be decoupled by use of a shadow database
- Different roles and rights permissions for the configuration
- Derived data configurable by the customer
- Developed in cooperation with Avaloq

Installation

- Rapid Installation – can be typically performed by the customer
- Standard components are used
- Easy configuration of data delivery via customer accessible web frontend
- Multi-Entity setup for business service provider feasible
- Open for integration in customer's monitoring or business process systems

Market Data

Whether you receive your market data as a real-time stream, via REST/ftp web services or via Webpage Scraping, **SnapFlux for Avaloq** integrates the data the way you need, also allowing to mix different vendors and types of connectivity.

The **SnapFlux for Avaloq** data universe is without limits – market data of the various vendors are standardised to the essentials: prices, quotes, market and time stamp. Typical use cases include FX spots and yield curves, swap rates and precious metals prices. Also part of the **SnapFlux for Avaloq** data universe are prices of shares, warrants and bonds. Moreover, indices can be automatically resolved to their constituents and also individual values can be extracted from pages (TR).

Infrastructure

The SnapFlux® infrastructure delivers standardised data. Changes or derivations of the original data are possible, even before delivery. In addition to adjustments of market prices with constant factors (eg. ounce/kg), spreads, interpolations and cross rate calculations, we can also implement complex formulas as well as enable the use of aliases for instrument names. The results can be checked and compared with the original data during the setup.

The frequency of data delivery, can be freely selected, with the shortest interval being 10 seconds. Different frequencies in different periods of a day are also configurable.

The central SnapFlux® web frontend is used to manage the infrastructure. A comprehensive roles and rights system ensures the appropriate access levels are set; options and restrictions can be configured. Alternatively, the configuration can be carried out by ASP administrators, administrators of the customer or on request by oraïse staff. Individual data deliveries can also be configured and customised without administration rights.

SnapFlux for Avaloq a „Software as a Service“ solution

Integration - Avaloq Core

The Integration into Avaloq Core can be executed in two different ways; either the delivery of the data via a VPN tunnel to the dedicated Intelligent Client Site Adapter that communicates directly with the receiving Avaloq Core instance or writes data in a so-called shadow database. The delivery of data to Avaloq Core will then be set up by the customer via an inter-database-communication. The delivery can be configured in a web frontend or via a provided REST-interface. Compliance usage reports accepted by Thomson Reuters and Bloomberg (EMRS) can also be created via the frontend.

About oraïse

oraïse is the specialised IT Business Partner with extensive expertise for the financial market. oraïse applies forward-looking IT solutions that enable financial enterprises, stockbrokers and treasury departments to improve business processes, lower costs and ultimately make business more competitive.

For more than 20 Years, the company has delivered strong results. The oraïse service portfolio ranges from software products, software development, consulting and planning, to operations and ongoing support. Extensive knowledge of the processes and structures of financial enterprises combined with in-depth technical expertise enables oraïse to deliver innovative and flexible IT solutions in the trading/market data environment: the focus of our employees is always on customer value.

oraïse is headquartered in Bremen and has an additional ten offices in Germany and Switzerland.

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