



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 Finnova** provides with market data sourced from Thomson Reuters or Bloomberg a customised, integrated solution for the Finnova Banking Software.

Market Data Integration for the Finnova Banking Software customised, fast and reliable

SnapFlux for Finnova - Advantages at a glance

Control

- Software as a Service: **SnapFlux for Finnova** provides the data directly to the adapter, no market data infrastructure needed on the customer side
- Data can be customised to individual needs via 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 the Finnova Banking Software can be decoupled by use of a shadow database
- Different roles and rights permissions for the configuration
- Derived data configurable by the business user
- Developed in cooperation with Finnova

Installation

- Rapid Installation – can be typically performed by the customer
- Standard components are used
- Easy configuration of data delivery via client 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 Finnova** integrates the data the way you need, also allowing to mix different vendors and types of connectivity.

The **SnapFlux for Finnova** 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 Finnova** 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 Finnova a „Software as a Service“ solution for maximum customer benefit

Integration - Finnova Banking Software

The integration into the Finnova Banking Software is executed through the provision of text files that follow the prescribed format. The data is delivered via a VPN tunnel to the dedicated Intelligent Client Site adapter. The adapter creates the files and stores them in a configurable directory path, to be imported by the Finnova Banking Software. 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

With the ISO 27001 certification of our operational and organisational departments responsible for the delivery of IT services, we ensure full compliance and are able to offer outsourcing services for essential business processes. Our forward-looking solutions enable financial institutions, exchanges, stockbrokers and treasury departments to use information technology in the front office more efficient, more flexible and ultimately, to make your business more competitive.

With over 20 years of experience in financial markets, we offer a service portfolio covering consulting services, software development and implementation, up to and including operations and support. Extensive knowledge in processes and structures of financial enterprises combined with profound technical expertise enables oraïse to deliver innovative and forward-looking solutions. Be it software or system development, integration implementation or operation of trading-, market data or front-office systems – the focus of oraïse is on creating customer value i.e. improved business processes, reduced costs and empowerment of competitive edge.

As an owner-managed company, oraïse has presences in Germany and Switzerland at several locations including the well-known financial centres.

Contact and further Information:

Copyright © **oraïse**



Point of Contact:
Dr. Frank Heuschen

Tel.: +41 (0) 55 511 00 27
e-mail: frank.heuschen@oraïse.com

www.oraïse.com