

StepStream Data Hub

*Connecting Multiple Systems
Fully Flexible and Automated*

Flexible Multiple System Integration?

Integrating Front and Back Office

Is your challenge to import data from other systems, data warehouses, data providers etc. into one or more systems in your front, middle or back office, or are you unable to export the data to other systems?

Integrating Two or More Data Providers

Do you want to receive market and master data from two or more providers and to hold it in one or more systems at the same time, and are wondering how to do this?

Integrating Multiple Systems and Data Providers

Is your landscape challenged by multiple interfaces, meaning loss of performance and high maintenance costs? Do you want to have one flexible platform that connects your systems as you need it?



Our Solution: Modular Fully-Flexible Multiple System Integration

The StepStream *Data Hub* is the perfect solution for connecting multiple source and destination systems within a broader IT landscape.

Like a modern airport that directs passengers through the building, the StepStream *Data Hub* virtually transports the data to the right system.

As a versatile, flexible and compatible software, our *Data Hub* makes you fully able to transport financial and other data between well-known and proprietary systems, data warehouses, data providers or institutions such as banks.

Modular Design

More than just a transporting engine between systems, the StepStream *Data Hub* is the ultimate platform for connecting systems by simply plugging in our adapters. It is compatible with all StepStream adapters, whether to specific front, middle or back office systems, data providers, banks or other institutions.

By simply adding or removing adapters, the modular design of the StepStream *Data Hub* gives you the freedom you need to solve system integration challenges today and tomorrow, when changes occur in your business.

High Performance

The performance of the StepStream *Data Hub* speaks for itself:

- ▶ It entirely automates transportation between your systems or data sources according to your business needs
- ▶ It manages all source and system communication tasks via the StepStream adapters and
- ▶ It fully monitors the complete exchange or transport of data between all systems

Adapting to Your Business

StepStream lets you enhance your system landscape and maintain full compatibility.

The StepStream *Data Hub* is flexible, yet you can change the landscape easily just by plugging in systems via the existing StepStream adapters or newly designed solutions. Incompatibility and mismatched individual solutions belong to the past.

By choosing the StepStream *Data Hub* today, you can also solve the challenge of transporting data between systems in the future.

What's more, you can significantly reduce operating costs and remain flexible if changes occur within your system landscape.

Transporting Data between Multiple Systems through its Modular Design

Like gangways at the airport that passengers use to move between the aircraft and the building, StepStream uses adapters to connect systems for transporting the data via the *Data Hub*.

The following StepStream adapters are tried and tested solutions that allow the connection of multiple systems:

- ▶ Accurate
- ▶ Allocare AMS
- ▶ Bloomberg Data License
- ▶ FIRST
- ▶ Finacle
- ▶ Reuters DataScope Select
- ▶ SAP TRM / FI
- ▶ Simcorp Dimension
- ▶ Sungard Asset Arena
- ▶ Sungard Quantum
- ▶ Technosis ATAQ Risk
- ▶ UBS Portfolio Link
- ▶ SWIFT (via BBP Service Bureau Switzerland)
- ▶ Wallstreet Suite
- ▶ vwd data manager
- ▶ ZEB Portfolio Manager

If there is no available adapter to connect your system, StepStream can use its vast experience to develop it for you.

Data Types

Our *Data Hub* is able to handle a broad range of different types of financial and non-financial data:

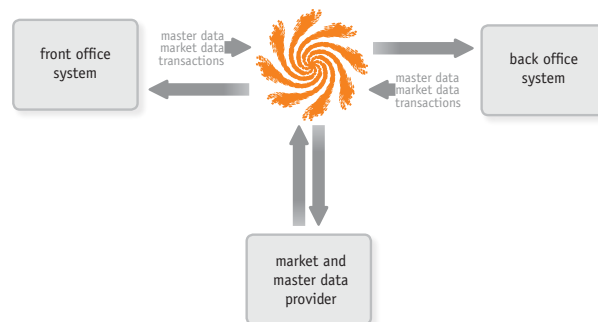
- ▶ Transactional data
- ▶ Positional data (accounting, treasury)
- ▶ Market data
- ▶ Master data (securities, stocks, etc.)
- ▶ Payments and electronic bank statements

Please contact our representatives for more information about data types.

Common Scenarios Using the StepStream Data Hub

Case 1: Connecting Front and Back Office Systems and an External Data Provider

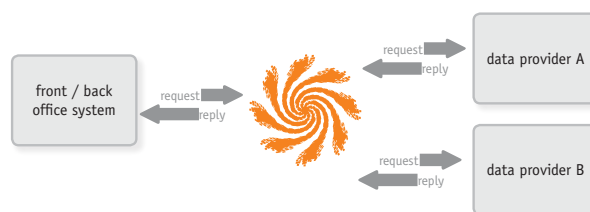
A common scenario is where the StepStream *Data Hub* connects a front and a back office system together with an external market data provider. In this case, the *Data Hub* consists of three adapters.



This scenario enables the exchange of data between front and back office, according to your needs (e.g. transactional and positional data). You can request market and master data from within one system. This data may also be routed to the second system. The complete process is fully automated and monitored.

Case 2: Connecting Two External Data Providers to One System

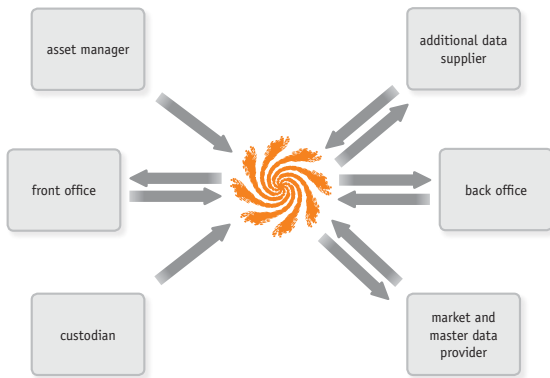
As a versatile platform, the StepStream *Data Hub* lets you request market and master data from two external data providers via the corresponding StepStream adapters.



Example: You want to obtain different kinds of data from Bloomberg Data License and Reuters DataScope Select at the same time, and request the data from your favoured front or back office system.

Case 3: Connecting Multiple Systems Within a Broader IT Landscape

The StepStream *Data Hub* is a powerful solution if you need to connect 5, 10 or more systems, including front and back offices, data warehouses, data providers and other sources like asset managers, custodians or banks.



The design of the data flows depends on your needs, and is customizable.

Key Technical Features

The StepStream *Data Hub* uses state-of-the-art technology, is cost-efficiently, and gives you full flexibility in your long-term planning of the IT landscape.

Architecture

Our *Data Hub* is unparalleled in its efficiency because it is so simple. Technical features that speak for themselves are:

- ▶ Implementation in Java (no separate application server needed)
- ▶ Platform-independent and executable on most flavors of Windows and Unix
- ▶ Choice of installation on a dedicated system or in virtualized environments (for example VMware)
- ▶ Readable messages through using XML

Business Processes

The StepStream *Data Hub* can support your business process and is a cut above alternative solutions:

- ▶ Requests triggered from within each system
- ▶ Scheduled and ad hoc requests
- ▶ Tailored requests using system positions
- ▶ Acknowledgments
- ▶ Online Straight-Through Processing (STP)

Monitoring and Compliance

Our *Data Hub* operates fully automatically and offers traceability of the complete process:

- ▶ Monitoring of data transports and data transformations through comprehensive logging
- ▶ Notifications in case of errors and missing data
- ▶ Automatic archiving of the transported data for compliance and auditing

Benefits of Standard Software

Our *Data Hub* is a well-proven solution that opens up new perspectives for keeping your financial and non-financial data transported from anywhere to everywhere.

Flexibility

The StepStream *Data Hub* gives you complete control over any system integration scenario thanks to our modular design. It is easy to integrate systems as your business grows or changes.

Automation

Our *Data Hub* automates complete data transports between systems, data providers, data warehouses, etc., so there's no need for manual or semi-automatic processing.

Availability

The StepStream *Data Hub* makes your data constantly available in different systems. Whether transactions, positions, market and master data or other data types, you will never miss important data again.

About Us

We are a software company that provides integration solutions to companies and institutional investors with customers throughout Europe.

By combining efficiency and transparency, we enable customers to benefit from reliable and cost-efficient solutions that link systems together.

Product Portfolio

- ▶ Adapters to plug into one system
- ▶ Interfaces connecting two systems
- ▶ Hubs for complex integration scenarios



StepStream GmbH
Bahnstrasse 151
41541 Dormagen
Germany

Phone +49 (2133) 27594-00
Fax +49 (2133) 27594-06
Mail info@stepstream.com
Web www.stepstream.com