



StepStream SAP[®]-Bloomberg[™] Interface

*Transporting Your Market and
Master Data into SAP TRM[®]*

Receive Bloomberg Data License in SAP® TRM® quickly and flexibly

Increasing Demands

More than ever before, compliance, risk management and portfolio analyses require up-to-date market and master data that is made available quickly and consistently. However, providing your SAP system with market and master data from Bloomberg Data License is far from simple. That's why you need a solution that enables automated data transport from Bloomberg to SAP.

Leveraging Budgets

You need a cost-efficient solution that enables you to transport rich Bloomberg market and master data into SAP TRM. That's why you need a solution that requires less customization than usual and even reduces operational costs.

Gaining Flexibility

Your current Bloomberg-to-SAP data transport is unable to deal with sudden technical or business changes quickly because it involves a manual or semi-automatic procedure. That's why you need a solution that gives you more flexibility and handles both technical and business challenges directly.



Our Solution: Seamless Data Transports between SAP TRM and Bloomberg Data License

The StepStream *SAP–Bloomberg Interface* is a ready-to-use and well-proven solution. The interface enables you to retrieve Bloomberg data from SAP TRM automatically:

- ▶ SAP requests the data and only receives what is needed
- ▶ Data can be requested in a scheduled or ad hoc way
- ▶ Data from Bloomberg is transported into SAP TRM automatically
- ▶ Transaction errors and data gaps are detected and reported automatically
- ▶ Historical data can be retrieved

What's more, you reduce operational costs significantly and remain flexible if changes occur within SAP TRM or Bloomberg Data License.

Transporting Bloomberg Data into SAP Directly and Automatically

The StepStream *SAP–Bloomberg Interface* connects SAP TRM to Bloomberg Data License in an automated, reliable, and configurable way.

The interface allows you to retrieve market and master data from Bloomberg seamlessly and offers a notification system in case transaction errors or data gaps arise. It adapts to your existing IT infrastructure very easily and is ready to use within a short space of time. It features an interface that is both user-friendly and low maintenance.

Running Your Business

Whether you are already using Bloomberg Data License or plan to introduce it at your company, our *SAP–Bloomberg Interface* means you can transfer the necessary market and master data to your system automatically. Forget about missing data and inefficient, error-prone, or costly analyses in SAP TRM.

By creating tailored requests based on SAP variants in a scheduled or ad hoc way, you keep your data up-to-date and minimize the cost of your Bloomberg feed. Filling data gaps for new instruments or stock prices in past periods is a breeze with our historical requests.

Adapting to Your Business

Our *SAP-Bloomberg Interface* provides you with the utmost flexibility. Choose between different Bloomberg source fields:

- ▶ During first-time installation
- ▶ Or simply as your business needs change

For example, you can change the rating agency or a stock price type.

Your Data from Bloomberg

By creating tailored requests within SAP TRM, our interface retrieves different market and master data from Bloomberg Data License:

- ▶ Terms and Conditions
- ▶ Corporate Actions
- ▶ End of Day Pricing
- ▶ Timeseries Pricing

Depending on the data needed, files are requested via the following programs:

- ▶ Getdata
- ▶ Gethistory
- ▶ Getcompany

This means a broad range of financial data can be incorporated into SAP:

- ▶ Market data (security prices, foreign exchange rates, index quotes, reference interest rates, and so on)
- ▶ Derived financial data (yields, volatilities, and so on)
- ▶ Security master data (descriptive information, ratings, underlyings, coupons, and so on)
- ▶ Issuer-/counterparty master data (descriptive information, ratings, contact information, parent relations, and so on)
- ▶ Corporate actions (dividends, outstanding capital, and so on)



Key Technical Features

Architecture

Our *SAP-Bloomberg Interface* is unparalleled in its efficiency because it is so simple. Technical features that speak for themselves are:

- ▶ Implementation in Java with components in ABAP (no separate application server needed)
- ▶ Communication to SAP via JCO RFC
- ▶ Platform-independent and executable on most flavors of Windows and Unix
- ▶ Choice of installation on a dedicated system, in virtualized environments (for example VMware) or on the SAP server itself
- ▶ Readable messages through using XML

Business Process

The StepStream *SAP-Bloomberg Interface* supports your business process and is a cut above alternative solutions:

- ▶ Requests triggered from within SAP
- ▶ Scheduled and ad hoc requests
- ▶ Tailored requests using SAP variants
- ▶ Online Straight-Through Processing (STP)

Monitoring and Compliance

Our *SAP-Bloomberg Interface* operates fully automatically and offers traceability of the complete process:

- ▶ Monitoring data transports and data transformations by comprehensive logging
- ▶ E-mail notifications in case of missing data or data errors
- ▶ Automatic archiving of the transported data for compliance and auditing

Additional Features

The StepStream *SAP-Bloomberg Interface* gives you added value. It recognizes dependencies: When creating a new security, it can retrieve the issuer data automatically.

It allows you to create copies of the received market and master data in other data formats such as flat files, and to store in different destinations such as file system directories or e-mail boxes.

It can be used in combination with our other products for consistent market and master data automation in front and back office systems, data warehouse applications, and so on.

Benefits of Standard Software

Our *SAP-Bloomberg Interface* is a well-proven solution that opens up new perspectives for keeping your market data up-to-date.

Automation

The StepStream *SAP-Bloomberg Interface* automates data transports between SAP and Bloomberg, so there's no need for manual or semi-automatic processing. No human intervention is required to exchange data between the systems.

Availability

Our *SAP-Bloomberg Interface* makes market and master data available constantly. Requests based on SAP variants can be executed as scheduled or on an ad hoc basis.

Flexibility

By enabling you to execute tailored requests from within SAP, our *SAP-Bloomberg Interface* gives you complete control over data selection, even when positional data or the data basis changes.

As business needs change, different data sources can be queried easily by simply reconfiguring the interface.

Choose StepStream to Integrate SAP and Bloomberg

True Integration Specialists

System integration and data transport is our business. We specialize in loading market and master data into well-known treasury, risk management and accounting systems. Moreover, we have substantial experience of incorporating Bloomberg data into SAP TRM.

Sophisticated Software

Our *SAP-Bloomberg Interface* is a lean solution featuring state-of-the-art technology. In spite of this, it is fully configurable to meet your business needs.

Our Commitment to You

We're a different kind of company. We listen, we value innovation, and we solve your challenges with outstanding simplicity. From needs analysis through installation and on to configuration, time-to-production is far quicker than you'd expect. And after you go-live, we will be on hand to provide you with first-class support.

Ask for a demo to see just how easily SAP can retrieve Bloomberg market and master data.

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



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