



EMMIR

StepStream Solutions for Reporting to The Trade Repository

*Fully Automated and
Monitored Data Transport*

Reporting to The Trade Repository

EMIR Requirements

By the summer of 2013, the European Markets Infrastructure Regulation (EMIR) will become equally binding for financial and non-financial parties and thus for banks, insurance companies, pension funds, etc., and for industrial companies.

Trade using OTC and listed derivatives will be subject to the duty to report to the trade repository - directly or through a commissioned third party. All parties involved must create the relevant conditions for this. These include the creation of technical infrastructure and professional implementation.

StepStream Reporting Solutions

StepStream supports you through various solutions for tailoring your IT infrastructure, thus allowing the transportation of reports of derivative business between your source system(s) and the trade repository.

As a specialist in system integration and financial data transport, with StepStream you can rely on a company with expertise and on solutions that are already reliably transporting financial data and reports



Solutions for Reporting to the Trade Repository

StepStream is a specialist in system integration and the transportation of financial data using adapters, interfaces and data hubs.

In order to cope with the requirements of the EMIR in reporting OTC and derivatives sold on the stock exchange to the trade repository, StepStream relies on proven transport solutions.

Three solutions have been identified that reflect the various IT infrastructure scenarios of the counterparties:

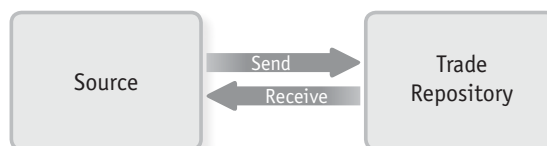
- ▶ Solution 1: Inbuilt connection or reporting to the trade repository
- ▶ Solution 2: Indirect system connection and reporting to the trade repository
- ▶ Solution 3: Generation of reports from several systems to the trade repository

If you commission a service provider to take on the reporting to the trade repository, StepStream is also happy to help you find the right solution for system integration between your company and the commissioned third party.

Solution 1

You are using a source system (such as front office, treasury management system), from which a report is made to the trade repository.

Your system is already equipped with the necessary reporting functionality, and generates the right data format for the report. However, there is no automated transport to the recipient.



 StepStream®
Information In Motion

Here, the StepStream solution is purely a transport solution between your system and the trade repository or, if necessary, a third party commissioned with the reporting. The report is sent from the system, through a queue, directly to the recipient. Transport is fully automated and monitored.

Solution 2

Like solution 1, you use a source system (front office, treasury management system) for sending the report to the trade repository. There is also a reporting functionality. However, the target format is not generated, nor is the data automatically transported to the transaction register.

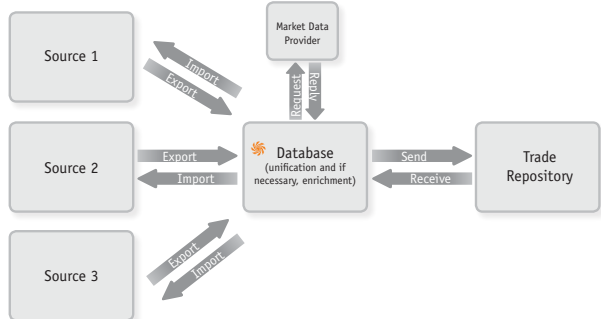


StepStream

Compared to the initial solution, this StepStream solution is an automated and monitored data transport or reporting route with additional target format conversion (technical mapping).

Solution 3

Various systems (front office, back office, middle office) have to be used to assemble the report for the transaction register. This means that an inbuilt uniform reporting function is not possible.



StepStream

The StepStream solution is a small data hub, to which are connected all the systems reporting derivative business, a required StepStream database as a persistence layer, if necessary your market data supplier, and the transaction register or third party.

The reporting route goes from individual systems via the StepStream data hub into a special database that takes into account EMIR requirements. Here the datasets are assembled in accordance with the reporting requirements, put into the correct format and sent to the trade repository via the data hub. Again, transportation is fully automated and monitored.

In addition, where sensible, the datasets in the database can be enhanced with details from a market data supplier (such as information on counterparties). To this end, StepStream has its own adapter to all the important data suppliers (Bloomberg, Reuters, Super-Derivatives, vwd).

Parties and Trade Repository

Target Group for StepStream Solutions

The three solutions for reporting to the trade repository are not geared to any special counterparty.

As financial and non-financial parties are both subject to the duty to report to the trade repository, the StepStream solutions start with requirements based on the IT infrastructure of your company.

Trade Repository

In StepStream solutions, there is no restriction regarding the trade repository that has to be used.

As soon as you have decided on a certified trade repository (such as DTCC, REGIS-TR) and the format requirements are available for the report, the transport route can be set up using the described solutions, or the format conversion implemented.

StepStream is currently checking the format example files and protocols of two trade repository companies (DTCC and REGIS-TR), so that the later connection process can be significantly accelerated in advance through appropriate parameterization.

StepStream - The Integration Company

Connected Systems

As a specialist in system integration, StepStream has already connected numerous systems. Here is a selection of the most important systems and data suppliers:

- ▶ Accurate
- ▶ Allocare AMS
- ▶ Bloomberg Data License
- ▶ FIRST
- ▶ Finacle
- ▶ Reuters DataScope Select
- ▶ SAPTRM/FI
- ▶ Simcorp Dimension
- ▶ Sungard Asset Arena

- ▶ Sungard Quantum
- ▶ SuperDerivatives
- ▶ Technosis ATAQ Risk
- ▶ UBS Portfolio Link
- ▶ SWIFT (via BBP Service Bureau Schweiz)
- ▶ Wallstreet Suite
- ▶ vwd data manager
- ▶ ZEB Portfolio Manager

These systems can communicate with each other through the StepStream adapter, interfaces and / or data hubs. If your system is missing, StepStream can develop a solution for this, thanks to its many years of experience.

The Most Important Aspects: An Overview

Transport of Financial Data

StepStream makes it possible to transport the entire bandwidth of financial data if the source or target system allows it:

- ▶ Business and transactions
- ▶ Inventory / booking data
- ▶ Market data
- ▶ Partner and investment master data
- ▶ Payments and account statements

Automation and Monitoring

The entire data transport between systems, from a supplier to a system or from a system to a recipient, is automated and monitored. Features include:

- ▶ Full automation of the process
- ▶ Monitoring of all data transport
- ▶ Notification in the case of gaps in data or discrepancies

Technical Aspects

All StepStream solutions are characterised by their simple technical implementation:

- ▶ Implementation in Java (no separate application server required)
- ▶ Platform independence and executability in most Windows and Unix environments
- ▶ Installation as a dedicated system or in a virtual environment (e.g. VMware)
- ▶ Report readability (XML format)

Talk to us about your requirements. We can find the optimal solution together.

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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