

BANKING

STERIA LIQUIDITY SUITE

The integrated solution for efficient liquidity management

Sopra Steria Consulting products and services represent innovation and reflect our customers' needs. The Steria Liquidity Suite is a particular example of this. It is the first integrated liquidity management solution to support the SWIFTNet Cash Reporting intraday information service. This integrated liquidity management approach, which takes both foreign currency and euro liquidity into consideration, minimises risks and makes processes more efficient.

The integration of SWIFTNet Cash Reporting broadens liquidity management to include an external view based on real-time data. This allows, amongst others, the processing of unexpected incoming or outgoing payments as soon as they arise. Steria Liquidity Suite allows substantial improvements to be made in liquidity planning and liquidity management processes will be substantially enhanced. You're better equipped with our solution, even during critical periods.

Liquidity management - a challenge for international banking

In addition to ensuring the ability to pay, efficient allocation of liquidity is required primarily from a modern treasury.

Reliable and resilient forecasts help prevent liquidity shortage on the one hand and unnecessarily high excess liquidity on the other when managing Nostro accounts and euro payment systems. The reliable provision of real-time information requires automated processes.

Steria Liquidity Suite

Steria Liquidity Suite is a complete liquidity management solution. The new functionalities of the euro payment system create a comprehensive view of cash funds and transactions. The solution includes the management of Nostro accounts as well as a view of euro payment systems.

Steria Liquidity Suite consists of the following two main components:

- **Nostro Cash Manager**
Cash-management application for short-term management of Nostro accounts, in particular FX accounts.
- **Euro Cash Manager**
Monitoring, management and forecast application for the euro zone, as well as support for TARGET2 and EBA CLEARING payment systems. Ancillary systems such as T2S can be connected selectively.

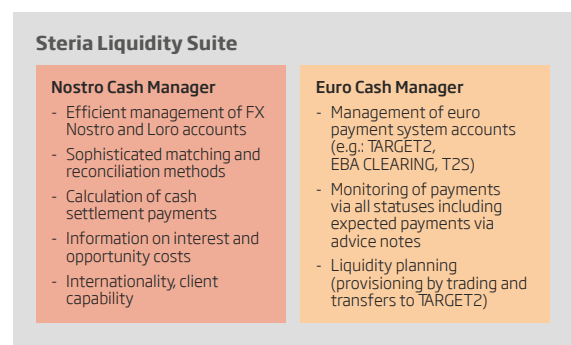


Fig. 1: Steria Liquidity Suite

Integrated liquidity management

Integrated liquidity management includes tasks for cost-optimised management of cash funds for foreign currency and euro positions. The following aspects are particularly important here:

- Management and control of FX and euro positions
- Planning through balance forecasts (liquidity allocation as a basis)
- Monitoring of required and available cash funds in foreign currencies and euros
- Triggering of cash settlement payments

Nostro Cash Manager – real-time liquidity management

Whereas liquidity is currently examined on the basis of internal databases, the increasing availability of standardised external real-time data allows liquidity planning to be substantially improved. Infrastructure and processes must be adapted to these new challenges.

Sopra Steria Consulting developed Nostro Cash Manager for efficient liquidity management. As a centrally integrated information system it determines the required positions for foreign exchange dealing, calculates the forecasted balances of all Nostro accounts and automatically triggers their real-time settlement using freely definable rules.

As a control centre for Nostro account management, Nostro Cash Manager receives the required planning data directly from the front- and/or back-office systems. Flexible reconciliation ensures the validity of the arrangements and helps achieve maximum process automation. Due to its intuitive user interface, the Nostro Cash Manager speeds up residual manual tasks, thereby reducing the time required for daily operations.

Nostro Cash Manager automatically calculates the opportunity costs of missing instructions and assigns these to the original initiator. Evaluation of this information and the option to reimburse costs incurred helps to permanently improve working processes and ensure the high quality of data provided.

Nostro Cash Manager – increase efficiency and reduce operating costs

Large banks operating internationally, such as UniCredit, DZ BANK and Commerzbank, already rely on the functionality of Nostro Cash Manager. The Nostro Cash Manager is a forward-looking, tried-and-tested product that increases the competitiveness of its users by offering optimum support for working processes. This can lead to a significant reduction in operating costs of up to several million euros in the first year.

Nostro Cash Manager – key features

Nostro Cash Manager combines all the functions required from a state-of-the-art liquidity management system:

- Aggregation of FX positions in real time
- Freely definable criteria for automatic account reconciliation
- Support for forecasted funding decisions and reservations
- Freely definable account hierarchies (main and secondary accounts, pre-netting)
- Value date accurate balance forecast for Nostro accounts that reflects specific practices for each country in respect of
 - Standard payment methods (SSI)
 - Individual cut-off times
 - Thresholds for balances and payments
- Automatic generation of SWIFT instructions
- Full re-adjustment functionality
- Determination and allocation of costs in case of erroneous transfers
- Multi-level user entitlement concepts
- Multi-level client concept
- Implementation of 4-eye-principle concepts
- Auditability of all system actions
- Data history and archiving
- Intuitive, user-friendly Java GUI
- Scalable J2EE architecture
- Data warehouse with predefined and user-definable reports
- Standardised XML interfaces
- High-performance mass data processing

Nostro Cash Manager – ready for SWIFTNet Cash Reporting

Nostro Cash Manager fully supports SWIFTNet Cash Reporting Standard. The quality of forecasting is improved through fully automated three-way reconciliation (positions versus bookings and positions versus external statements) as per user-defined reconciliation rules. The automatic inclusion of external transactions in real time leads to a reduction of the planning risk and an improvement in downstream processes.

This results in the following advantages:

- Intraday use of liquidity
- Early identification and processing of (unexpected) incomings/outgoings
- Faster investigation and claiming processes
- Standardised view of external Nostro account transactions
- Near real-time tracking of high-risk, large-value payments
- Better settlement limit implementation through early information on cash settlement
- Minimisation of risks in overnight transactions

The Nostro Cash Manager can be incorporated perfectly into your existing infrastructure (SWIFT infrastructure, FO/BO, payment and accounting system).

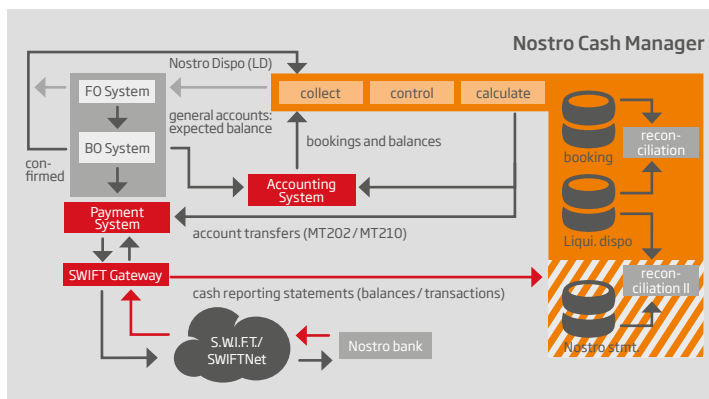


Fig. 2: Infrastructure message flow in Nostro Cash Manager

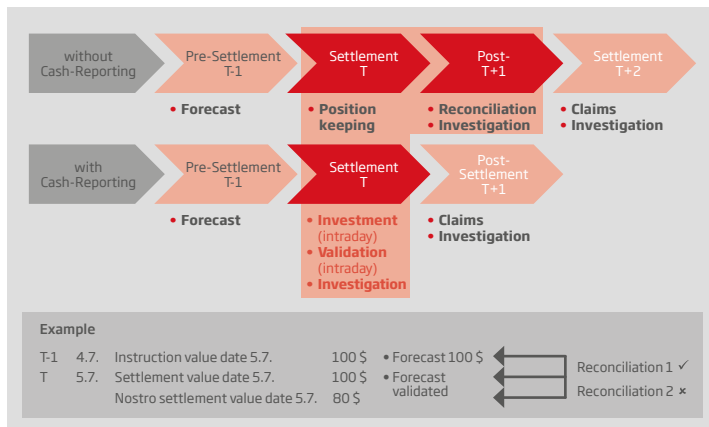


Fig. 3: Time Advantage as a result of intraday reconciliation of liquidity positions

Nostro Cash Manager - return on investment

Nostro Cash Manager offers a considerable return on investment through cost savings:

- Prevention of account deficits
- Reduction of interest-free deposits
- Consideration of individual country, currency and account underlying data
- On-time balance forecasts
- Identification and prevention of erroneous transfers

Efficiency enhancement is generated by:

- Automated processes
- Higher automatic process coverage
- Reduction of routine activities
- Improved forecasting and analysis functionalities
- Intuitive user interface
- History data base is available for related analysis

Euro Cash Manager - achieving fully comprehensive cash management

In order to establish fully comprehensive liquidity management, Euro Cash Manager supplements Steria Liquidity Suite in managing euro liquidity in payment systems. This ensures a comprehensive overview of euro accounts and transactions in different payment systems and enables liquidity planning through corresponding forecasting.

This new product builds on tried-and-tested Nostro Cash Manager concepts (including reconciliation, alerting and forecasting). Processes are simplified and the IT landscape is streamlined by a common architecture.

Euro Cash Manager - key features

The Euro Cash Manager perfectly supplements the ESZB (TARGET2ICM) and EBA (InteractiveWorkstation) payment system web applications through a comprehensive management view and cash forecasting:

- Overview of key information/monitoring of transactions in
 - TARGET2 und
 - EBA CLEARING EURO1/STEP1
- Additional support for SWIFT MT messages
- Balances, transactions (total and new) as well as warnings at a glance
- Graphic presentations of liquidity trends and liquidity planning for the current day
- Focus on the requirements of the treasury manager:
 - Flexible aggregations, graphic presentation, excel export
 - Automatic highlighting of new data and alert functionality
 - Pooled presentation of key figures with drill-down functionality
- Flexible filter, aggregation of payments, highlighting
- Reflection of payments valued at a date in the future in the payment system (T2/ EBA) and euro payment advice note
- Determination of expected liquidity status/ requirement for current day

Moreover, Euro Cash Manager exports data to third-party systems (position data for trading, regulatory reporting).

SWIFTNet connectivity

Steria Liquidity Suite has interfaces to SWIFTNet, the global network for bank communications. This enables use of the cash reporting service and direct interaction with the payment systems TARGET2 and EBA CLEARING. The most popular messaging components (IBM WBI-FN, SWIFT Alliance Access (SAA)) are already supported. Payment instructions for account transfers are sent to the payment system within your organisation.

Meeting regulatory requirements

With its diverse options for connection to internal and external bank data sources, Steria Liquidity Suite represents an ideal platform for calculating and circulating key figures that are subject to reporting requirements. We are continuously examining the impact of regulatory requirements on liquidity management. Defined needs that arise in this respect, such as the calculation of necessary key figures and the simulation of stress scenarios, are promptly covered via existing and new Steria Liquidity Suite functions.

We would be happy to discuss how we can support your company.

Individual adaptation to your needs

Steria Liquidity Suite is a standardised individual software application. This was and continues to be the key factor in the success of the Nostro Cash Manager and also applies to the Euro Cash Manager. Our software is optimally designed to meet clients' business requirements and integrate into their systems. Speak to us about the options for integration to your company.

Sopra Steria Consulting

Sopra Steria Consulting has proven its competence over the past 40 years. As a system integrator and one of the leading consulting companies in Europe, we combine our knowledge of business and the industry with your technical requirements. Our holistic consulting approach gives you the security of a permanent relationship and supports your business ventures. Contact us today for more information.

About Sopra Steria
(www.soprasteria.com)

Sopra Steria Consulting is one of the ten leading business transformation partner in Germany. As an European leader in digital transformation Sopra Steria provides one of the most comprehensive portfolios of end to end service offerings in the market: Consulting, Systems Integration, Software Development, Infrastructure Management and Business Process Services. Sopra Steria is trusted by leading private and public organisations to deliver successful transformation programmes that address their most complex and critical business challenges. Combining high quality and performance services, added-value and innovation, Sopra Steria enables its clients to make the best use of information technology.

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