

Wallstreet Cash Management

High performance, real time solution for optimising the management of cash assets on a global basis

www.wallstreetsystems.com



FACT SHEET: Wallstreet Cash Management

CAN YOU FULLY UTILISE YOUR CASH ASSETS AND REDUCE YOUR OVERNIGHT CASH BALANCES?



Large global financial institutions, running multiple front-end and settlement systems, face the challenge of optimising their cash assets when these are spread across multiple accounts often in different regional centres.

Wallstreet Cash Management gives a single consolidated view of the bank's predicted cash positions, updated in real-time as cash flows progress through their lifecycle. This allows the bank to fully utilise its cash assets in the overnight markets and reduce its account cash balances.

Wallstreet Cash Management is a 24x7, high volume, real-time nostro management application, which facilitates a 'follow the sun' approach to fully utilise the institutions cash assets. It receives opening balances and open reconciliation items to determine an adjusted opening balance per account. Cash flow updates are processed in real-time to calculate the predicted closing balances for the current day and future dates. Wallstreet Cash Management provides consolidated views of cash positions by regions, currency and business units. The cash manager uses these to realign the accounts by a multi-layer target balance hierarchy.

Wallstreet Cash Management also includes comprehensive historic balance analysis tools to show second by second changes plus performs detailed calculations of the cost associated with a miss-funding, caused by a broken balance or a late cash flow. The costs can then be claimed.



FEATURES

The Wallstreet Cash Management functionality is designed for financial institutions with global operations. These organizations typically require end-of-day management of Nostro Accounts which are held globally with commercial banks. They require projection and consolidation of Nostro balances, and the allocation of funding errors to the causing business units. Wallstreet Cash Management is designed to:

- Efficiently centrally (globally and regionally) manage global Nostro Accounts balances with the effect of saving external interest costs, free-up cash, and reduce risks.
- Provide global large-volume real-time cash management, supporting multiple cash management centers (multi-tenancy) and multiple global views simultaneously – including support of multiple time zones.
- Instantly provides on-request, the required Nostro Transfers to the meet Target Balancing rules. These can be reviewed and amended before being released to generate the required SWIFT standard messages. This process can also be automatically run via a user defined schedule.
- Consume up to 10 million cash flows per day and to handle thousands of Nostro accounts on one single instance.
- Provide full history and audit trail for every cash flow event. Every single point in time on every account can be viewed in order to review past funding decisions and provide evidence for investigation, audit, and miss-fundings.

TECHNOLOGY

- Intranet-based, single instance, single database solution. Zero touch deployment for end-users.
- State-of-the-art XML based funding request interface to feed cash flows in real-time via industry standard Java Enterprise technology, Websphere MQ, and file transfer.
- High performance infrastructure based on Sun Solaris UNIX, Java, ORACLE, and the consequent implementation of multi-threading and multi-processor architecture.
- The XML based Funding Request interface supports Create, Update, Cancel, and Replace (payment netting and payment splitting).
- Standard interfaces for statement balances, ledger balances, rates, static data, holidays, etc.

“Wallstreet Cash Management reduces costs and risks in relation to cash positions globally by systematically predicting and optimizing nostro balances. It also provides cash flow and nostro balance transparency to various stakeholders internally and externally, including regulators, auditors, business lines, treasury and group risk.

Because of its smart calculation of precise predicted closing balances, its sophisticated alert system to detect potential funding issues in real-time, the ability to navigate cash position views on the time axis (going back in time) and around the globe (from cash management centre to cash management centre), plus its ability to support in real-time millions of cash flows per day and thousands of accounts simultaneously, it seems to be miles ahead of any other available solutions.

However, the main reason why we use it is because it saves us a lot of money, every single day.”

Peter Ruoss, Director, Global Cash Management, UBS

PRECISE FUNDING

- Real-time cash position calculation that can be based on millions of cash flows per day and thousands of accounts.
- Sophisticated calculation of predicted closing balance that deals with back valuation, cut-off times, currency and location holiday calendars, and different funding methods such as ledger funding vs. statement funding.
- Real-time alerts and exception reporting for secure and reliable funding:
 - Balance exceptions and cash flow exceptions
 - Potentially missed flows
 - Cash flow alert after cut-off time
 - Sophisticated feed monitor to detect expected, but not delivered flows and balances in real-time.
- Management of late cash flows that arrive after cut-off time and back valuation.
- Management of flows on weekends and banking holidays.
- Calculation of back valued ledger balances and back valued statement balances based on back valued cash flows and back valued statement lines.
- Support of multiple base currencies and automated base currency conversion.

RELIABLE INVESTIGATION

- Provides a complete history of all funding relevant events and makes this information easily accessible (= Going Back in Time).
- Comprehensive real-time cash flow search on current data and historic data based on dozens of attributes and references.
- Audit prove data storage and information access (the system never loses any evidence and provides simple access to all information available)
- Interest calculation to verify agent interest statements.

FAST FACTS

UBS achieves cash management efficiency with wallstreet cash management

- **15,000,000 cash flows processed per month (now more than 1,000,000 per day)**
- **22 billion CHF transferred by the app per day across 1,500 accounts**
- **Cash Management efficiency saving of 15-20 million CHF per year**



BALANCE OPTIMIZATION BY DESIGN

- Various balance optimization/reduction features support Cash Managers to systematically reduce balances and therefore interest costs.
- Calculation and allocation of the costs of miss-funding
 - Automated calculation of Error Financing Cost, which are costs (incl. opportunity costs) due to suboptimal funding. The costs caused by a client or counterparty are usually the basis for a Claim against the client or counterparty.
 - Claim investigation and allocation allows transferring of costs of miss-fundings caused by missing or late funding request notification back to the causing business unit.
- Projected vs. actual balance comparison
- Back valued transactions are reflected in the cash position on original value date in a separate 'Back Value' section and subsequent days are amended correctly in a separate 'Amendments' section.
- Comprehensive extended balance reporting and graphical display of balances and flows for easy analysis of achieved balance levels versus target balance.
- Graphical display of balances and flows

STATE-OF-THE-ART SECURITY

- Customizable 4-Eyes approval
- Customizable feature assignment to roles and role assignment to users
- Data security based on account classification and business-line assignment
- Customizable Client Identifying Data (CID) masking based on definable secure locations

COMPREHENSIVE STATIC DATA

- Support of thousands of accounts with a flexible grouping of accounts
- Optional mapping of external account identification to the internal account identification
- Currency holiday calendar and location calendar and support of recurring holidays and specific holidays etc.

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CONTACT US

North America HQ
+1 212 809 7200
info@wallstreetsystems.com

Europe HQ
+44 (0) 20 3170 3000
www.wallstreetsystems.com

Asia HQ
+65 6 232 2358

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