

Misys Opics Plus

## Opics Plus Treasury Management Solution

**As the face of corporate finance continues to evolve, so does the role of the corporate treasurer. Formerly, corporate treasurers were primarily responsible for funding along with managing cash and liquidity. Today, corporate treasurers are also becoming involved in high level strategic initiatives; from contributing to corporate financial management decisions to instituting risk management and compliance measures to overseeing enterprise wide treasury operations.**

**The ability to manage cash, liquidity and capital while also defining corporate financial risk, requires a robust, versatile and integrated solution that spans a variety of functions across the organization.**

### Business Challenges

Today, Corporate Treasurers are under far more scrutiny than ever. From the changing demands of senior management, shareholders and regulators, there is a greater requirement to deliver operational efficiencies as well as being able to achieve full transparency for financial activities across the entire corporate structure.

Treasurers need clear visibility of their cash positions across their entire institution on a real time basis. They also need flexible management tools in order to control financial strategies and maintain corporate wide policies. Furthermore these requirements need to be delivered on a single platform in order to decrease costs, increase automation whilst maintaining the appropriate risk controls.

### Opics Plus Treasury Management Solution

In response to the evolving needs of the corporate treasury, Misys offers the Opics Plus Treasury Management Solution (TMS).

The Opics Plus TMS is a complete, Front to Back office treasury solution providing cross-asset processing of a wide range of financial instruments including vanilla and complex derivatives, fixed income, equity and treasury transaction types.

The solution is comprised of a foundation of core Opics Plus functionality combined with the strength of the extensive Opics

Plus treasury processing delivered on a .Net Service Oriented Architecture (SOA), highly scalable platform. The solution delivers unsurpassed Straight Through Processing (STP) and back office capabilities and is delivered by Misys; a truly global solution provider.

The Opics Plus TMS is specifically designed to enable organizations to move into the treasury management market, via a rapid, low risk manner and with the flexibility to grow in both volumes and instruments as business needs change. The solution is based on the rich breadth and depth of Opics Plus, a market leading treasury and capital markets solution installed across 270 client sites globally.

The Solution contains cross asset treasury functionality that can be quickly deployed using a proven streamlined implementation methodology.

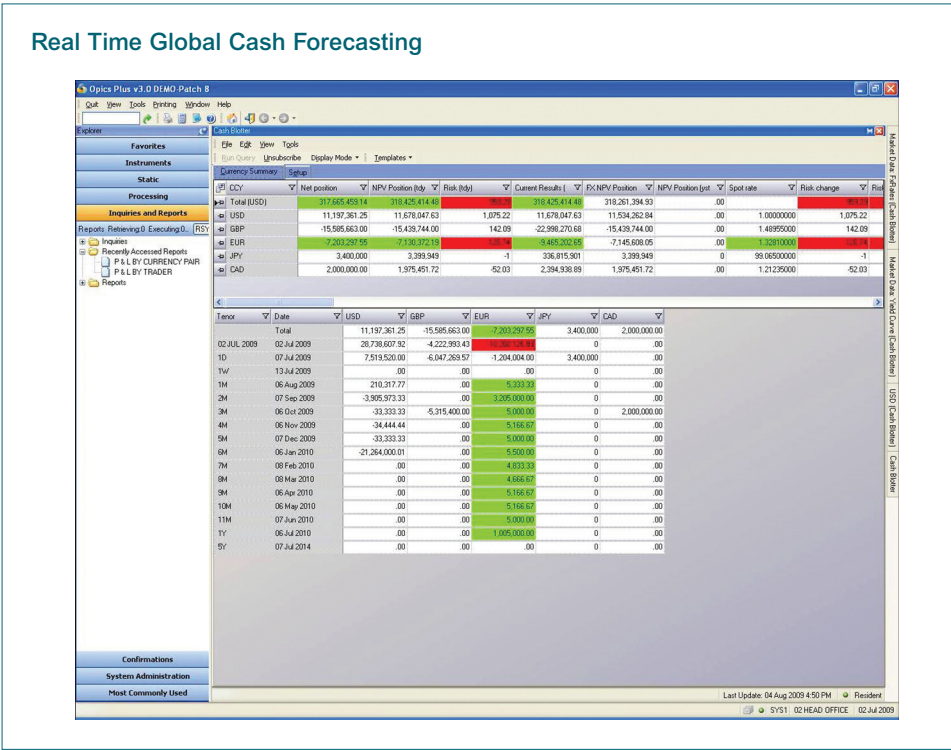
### Cash Management and Forecasting

Cash management remains a main concern for treasurers, highlighted by the subprime crisis that dramatically reduced liquidity.

Pressure from regulators and stakeholders requires that information be collated, managed and reported frequently and also on demand. More than ever, effective cash management, Foreign Exchange and Interest Rate Risk exposure is a priority for those within the corporate space.

Corporate Treasurers can utilize the Opics Plus Treasury Management Solution tools such as the Workflow Manager, Accounting, Reporting and real time Inquiries to make rapid and accurate assessments pertinent to the overall business strategy.

### Real Time Global Cash Forecasting



The real time 24x7 cash management functionality of the Opics Plus TMS delivers all the functions required to project forward funding by managing daily cash positioning, short-term funding requirements and long-term liquidity including:

- + In house banking capabilities
- + Importing of Accounts Payable and Receivable entries for cash forecasting
- + Collection of inbound data from operating units and subsidiaries around the world
- + Configurable cash forecasting blotter for consolidated information
- + Reconciliation with Clearing banks

The solution's decomposition and drill down facilities for the cash elements of all trades mean that users can easily manage the bank's cash position and track funding requirements.

### Risk Management

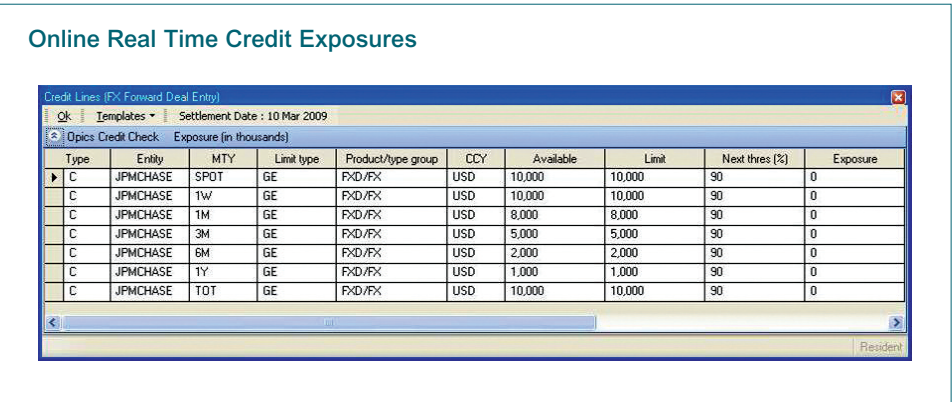
The ability to calculate and monitor risks and exposures allows institutions to become more profitable and sustainable as they can measure and manage their risk faster. A key component of the Opics Plus TMS is the Middle Office Suite, which delivers advanced risk analytics and compliance monitoring capabilities to the corporate treasurer.

The Middle Office Suite is a single, integrated platform requiring no reconciliation that offers a comprehensive risk package with a flexible and sophisticated monitoring system. As an integrated system on an integrated platform, the Middle Office Suite decreases operational risk by delivering interoperability while lowering total cost of ownership

The Middle Office Suite creates an "Environment of Protection" by allowing corporate treasuries to identify risk, monitor positions and exposure, stress test positions and anticipate future market shocks as well as calculate multiple hedges and send the results to traders and risk managers. Benefits include:

- + Sensitivity analysis, scenario analysis and cash flow forecasting
- + Value at Risk including Parametric, Monte Carlo, Risk Metrics methodology and Historical Simulations
- + Performance measurements including various benchmark statistics such as Alpha, Beta, Sharpe, Information, Treynor, Calmar and Sortino ratios and tracking errors
- + Portfolio sensitiveness calculated using perturbation of market rates used to estimate a portfolio return based on the movement of market rates
- + Measurements monitored against user defined rules in real time or on demand

### Online Real Time Credit Exposures



Opics Plus Treasury Management Solution contains cross asset treasury functionality that can be quickly deployed from the front through back office using a proven streamlined implementation methodology.

- + Rules including monitoring of: Counterparty exposure, Collateral Management, Trader Limits, Position Limits with notifications of breaches that are available via email, SMS or desktop alerts
- + Calculation of hedging recommendations that can be leveraged both internally to users and externally to customers

### Treasury Operations and Controls

Automated, integrated processing of treasury operation functions includes accurate workflow based event processing. The Opics Plus TMS processes multi-asset class instruments from deal inception to settlements and accounting.

The Opics Plus TMS supports:

- + Real time, cross product, event based, cross-entity Workflow Manager utility that manages pre-defined or user-defined operations workflow
- + Flexible instruction maintenance including stringent authorization controls and embedded logic to create and transmit more than 50 payment message types in full compliance with SWIFT and ISO requirements
- + Standard processing includes numerous events over the lifecycle of a transaction or payment
- + Extensive support of as many touch points required or full STP

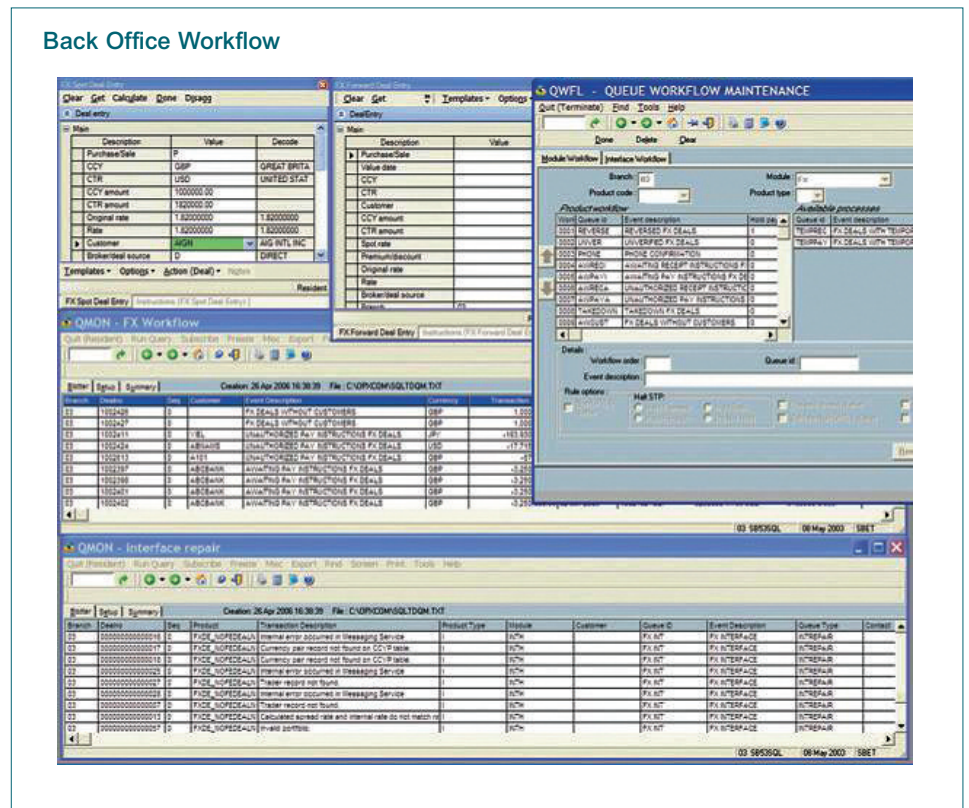
### Corporate Financial Management

In order to be in synch with the corporate accountants, treasurers need to “test” the impact of their operations on the accounting ledgers in advance of new changes within the treasury operations.

### Treasury and Hedge Accounting

The Misys Opics Plus TMS allows treasury users to perform sub ledger functions before they are rolled up into the final parent ledger. Highlights of the accounting offering include:

### Back Office Workflow



- + Full multi-entity, multi-currency general ledger, giving financial institutions the flexibility to define their own accounting structure and posting rules
- + Valuations, accruals, and profit/loss entries generated daily
- + Standard accounting reports such as balance sheet, trial balances and income statements
- + Standalone, multi-currency general ledger with its own chart of accounts as well as support as a sub-ledger that interfaces directly to a main general ledger
- + Full integration with the Misys Opics Plus product suite enabling automated reconciliation for a wide variety of financial instruments

Opics Plus Treasury and Hedge Accounting supports compliance with the provisions of all International Accounting Standards including: FAS: 133, 157, IAS39 and CICA 3865 relating to accounting for derivative transactions used in hedging activities. Full support of hedge strategies and effectiveness testing. The Multi-Currency Accounting capabilities provide fair value information and accounting on a mark-to-market basis for all derivative instruments.



### Reporting

The Opics Plus TMS allows treasurers to closely monitor transactions, cash and position activity. The solution contains a comprehensive suite of over 1000 predefined real-time inquiries and reports. An open database structure allows for immediate access to any data views. Users can easily export to Excel for further analysis or to a file for emailing. The solution also contains seamless integration with third-party reporting applications such as Crystal Reports.

### Misys Confirmation Matching Service (CMS)

Misys CMS facilitates the confirmation process between SWIFT and non-SWIFT counterparties, allowing Misys to offer unprecedented functionality across the broadest possible spectrum of instruments and counterparties. Globally recognized as secure and effective by financial institutions, asset managers and corporations alike, the confirmation matching technology services various treasury and capital markets instruments. A critical mass of clients enables Misys CMS to offer the broadest coverage possible both for financial institutions and commercial counterparties – meaning clients can turn to Misys as a single window for all their confirmation management requirements.

### Flexible Deployment Options

The Opics Plus TMS can be implemented via a variety of flexible and rapid deployment options.

### Software as a Service

The Opics Plus TMS can be accessed remotely via the web with our Software as a Service (SaaS) hosted deployment. SaaS deployment offers the Opics Plus TMS via a central location and over a network to the most corporate entities or users possible. On a hosted solution, the Opics Plus TMS removes the need for corporates to install, maintain and acquire additional hardware investment.

The Opics Plus TMS SaaS solution contains no client/server software installation or maintenance and is delivered in a shortened deployment time. The solution delivers global availability across the Opics Plus TMS.

Benefits include:

- + Reduced capital expenditure
- + Remote access of applications
- + Quicker implementations and upgrades
- + Complete redundancy on all systems providing a highly available environment
- + Problem detection and resolution
- + Dedicated hardware
- + Disaster recovery services
- + Dedicated network connections
- + SAS70 compliant

### Quick Start Rapid Deployment

The Opics Plus TMS can also be deployed via the Quick Start Rapid Implementation Methodology. The result is an off-the-shelf solution that combines Core Treasury processing with a standardized rapid implementation plan based on the successful track record of Misys implementations. By decreasing the number of steps from the traditional methodology, implementation is fast tracked leading to a shortened 'Go Live' timeframe estimated at a 4-5 months.

Misys Opics Plus TMS Quick Start is the integrated solution to:

- + Effectively manage entire treasury operations
- + Adopt more sophisticated risk management techniques
- + Process high volumes of treasury trades
- + Decrease risk, cost and length of implementation
- + Enhance customer service offerings
- + Deliver business results faster

### True Rapid Business Value

The Opics Plus TMS delivers benefits such as:

- + The ability to trade, manage risk and cash forecasting as well as settle treasury instruments within a single, integrated, front-to-back office platform
- + Significant operational savings through improved controls and higher STP rates, with workflow management tools for exception based processing; ensuring lower costs per trade
- + Full transparency and consolidation of all open positions to provide an accurate analysis of positions, risk and profit and loss
- + Solution founded on a modern technology platform enabling true SOA scalable enough to support high Volumes
- + Rapid deployment options via SaaS and Quick start offerings; ensuring fast delivery and minimal risk exposure

For more information on how Misys Opics Plus can help you please visit:  
[www.misys.com](http://www.misys.com)

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