



# TREASURY

Quantum EE

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The challenges that treasury professionals face continue to expand and become more complex. The overarching obligations to manage cash, debt, investments, and risk become more complicated as companies continue to grow internationally and operate in different languages, currencies, and time zones. These elaborate organizational structures then collide with volatile market events and conditions. This atmosphere in which Treasury operates makes it necessary to have a higher level of functionality and refinement in their treasury solutions, which can facilitate gaining control over global liquidity and optimizing working capital.

FIS' Quantum™ is a cloud hosted treasury management solution that is sophisticated and easy to use. It helps organizations throughout the world manage their cash, manage their debt and investments, and assess and manage various types of risk, such as currency and interest rate risk. It also provides support for multiple languages, including Chinese, and helps to promote connectivity within complex treasury departments.



Leveraging hosted technology, Quantum delivers an advanced user experience with configurable screens and searching from anywhere.

## KEY CHALLENGES

- Poor visibility of risk and cash position
- Manual environment
- High transaction volume
- Inability to perform modeling / analysis
- Compliance and audit requirements
- Disparate systems and locations
- IT bandwidth – low resources

## BENEFITS

- Consolidates disparate systems and data
- Integrated cash & risk management
- Improves productivity with automation
- Mobility: Use on any tablet / smart phone
- Mitigates FX and interest rate risk
- Connects global users from anywhere
- Reduces operational & transactional costs
- Facilitates tracking & auditing activities
- Supports hedge accounting
- Monitor credit limit breaches in real-time
- Bring global users together into a single platform
- Private cloud hosted technology

This powerful treasury, risk, and cash management system brings together a range of disparate data sources and information into a single, customizable desktop, offering a one-touch, real-time snapshot of global risk and cash positions with connectivity and integration. Quantum was designed by treasurers with the goal of helping treasury professionals simplify processes and enhance their performance – from the vital day-to-day activities to the complex risk and investment decisions that help their organizations grow and protect their cash positions.

## Treasury, risk and cash management

Quantum provides treasurers with a powerful front-, middle-, and back-office treasury, risk, and cash management system with fully integrated accounting capabilities and seamless straight-through processing (STP).

This solution brings together a range of disparate data sources and information into a single, customizable desktop, offering a one-touch, real-time snapshot of global risk and cash positions with connectivity and integration.

- Currency management
- Investment / Debt management
- Cash management
- Manage interest rate and FX movements
- Counterparty risk management
- Bank relationship management
- Accounting / Hedge accounting
- Decision support

Quantum offers automation and workflow with sophisticated analysis and modeling, including funding scenarios, interest rate derivatives transactions, currency management, and currency hedging, and offers support for in-house banking and shared service centers.

## Managed bank connectivity

- Connect to SWIFT or other networks
- Direct to bank connectivity
- SunGard manages bank onboarding
- Bank maintenance managed
- Updates to connectivity managed
- SunGard SWIFT service bureau

## Key features

### Cash management

- Cash position tracking
- Bank communication
- Reconciliation
- Cash pooling / Sweeping
- Tiered bank accounts

### Interest rate and FX movements

- Rate / Currency swaps
- Forward rate agreements
- Integrate with FX platforms
- Interface with business units
- Transparent mark to market valuations
- Rate feed interfacing
- Customize / Configure electronic funds
- Transfer and Trade messages
- Double barrier FX options
- Non-Deliverable Forward (NDF) FX contracts

### Debt and investment management

- Short-term cash / funds
- CP, CDs / Discounted securities
- Debt instruments
- Revaluation of instruments
- Dealing platform
- Modeling

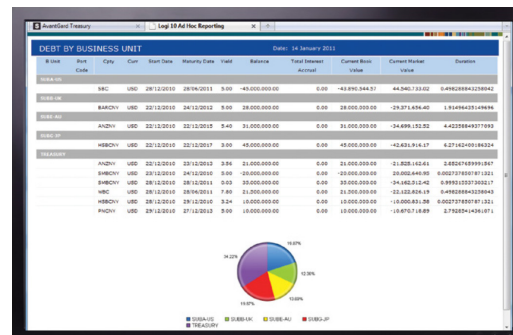
### In-house banking / Shared service center support

- Auto-hedging of exposures
- Inter-company lending
- Bank account management
- Multilateral netting
- Payments integration
- Process / Security controls
- Customizable interface
- Support for multiple languages
- Integration with any ERP system

## Reporting and Dashboards

Quantum offers several methods of extracting and reporting data to address key reporting requirements:

- **KPIs (Key Performance Indicators)** – A KPI dashboard provides an overview of key metrics such as cash position, bank balances, exposure management, payments falling due, and facilities headroom.
- **Ad Hoc Reports** – Beyond standard reports, treasury practitioners often need to quickly create custom reports. The ability to quickly build reports and present data graphically or in a tabular format with drill down capability can be a necessity.
- **Concise and Accurate Reporting** – For audit and control purposes, treasurers need a set of “statement of record” reports showing investment, debt, and currency positions along with exposures, accounting results, and other key metrics.



Standard suite of reports covering all aspects of a treasury environment

## Key features

### Treasury dashboards

- Integrate external data for analytics
- Cash positions across legal entities, regions, and aggregated
- Local and international cash balances by bank
- Pooled balances by geography
- Expiring contracts and payments
- Current dealing activity
- P&L on open positions
- Risk positions and scenarios on aggregated enterprise data

### Ad Hoc reports

- Comprehensive inquiry engine for quick reports
- Quick and easy reporting of aggregate treasury data across cash, FX dealing, and more
- Build dashboards with single or multiple ad hoc queries
- Dashboard reports, inquiries, and ad hoc reports that can be downloaded, saved in multiple formats, and exported to spreadsheets for further analysis
- Integration with the world's most popular database reporting tools
- Create dashboards and reports which include multiple facets of data such as basic cash, different asset classes, and risk scenarios

### Concise and accurate reporting

- Real-time or batched reports built using industry standard reporting methodologies
- Standard suite of reports covering all aspects of a treasury environment, from cash management to accounting to complex VaR and risk management
- Customizable reports that enable treasuries to quickly build their own suite of daily, weekly, and monthly reports for audit and control purposes
- Comprehensive report writer training enables a treasury to own its report suite
- Drill down functionality provides full visibility to all underlying data
- Complete transparency to all underlying calculations used in creating market value, hedge accounting, and risk positions
- Integrate external data for analytics

## About FIS' Corporate Solutions

FIS offers a leading liquidity and risk management solution for corporations, insurance companies and the public sector. The solution suite includes credit risk modeling, collections management, treasury risk analysis, cash management, payments system integration, and payments execution delivered directly to corporations or via banking partners. The solutions help consolidate data from multiple in-house systems, drive workflow and provide connectivity to a broad range of trading partners including banks, SWIFT, credit data providers, FX platforms, money markets, and market data. The technology is supported by a full range of services delivered by domain experts, including managed cloud services, treasury operations management, SWIFT administration, managed bank connectivity, bank onboarding, and vendor enrollment.

## About FIS

FIS is a global leader in financial services technology, with a focus on retail and institutional banking, payments, asset and wealth management, risk and compliance, consulting and outsourcing solutions. Through the depth and breadth of our solutions portfolio, global capabilities and domain expertise, FIS serves more than 20,000 clients in over 130 countries. Headquartered in Jacksonville, Florida, FIS employs more than 55,000 people worldwide and holds leadership positions in payment processing, financial software and banking solutions. Providing software, services and outsourcing of the technology that empowers the financial world, FIS is a Fortune 500 company and is a member of Standard & Poor's 500® Index. For more information about FIS, visit [www.fisglobal.com](http://www.fisglobal.com).

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