



# TWIN360

**Your treasury and asset  
management advantage**

# MASTER YOUR GLOBAL TREASURY AND ASSET MANAGEMENT CHALLENGES

## Question:

How do you focus on shareholder value while combining your financial competence in your treasury or asset management operations with a global corporate-wide perspective?

## Answer:

Use a proven solution from a development partner who delivers results that help you cope with constant changes in information, in a banking, treasury and asset management environment.

## WHAT CAN TWIN360 DO FOR YOU?

### The Treasurer gets:

- An integrated front office, middle office, back office and general ledger
- Flexible deal capture and administration
- Risk management in real-time
- Profit and loss reporting
- Position monitoring and control
- Powerful computing and analysis tools
- Sophisticated financial report writer
- What-if simulations
- Liquidity and cash management
- Treasury performance analysis
- Multi-subsidiary support
- Compliance with regulatory frameworks, e.g. IFRS
- Straight-through processing (STP) with internal and external counterparties

### The Asset/Portfolio Manager gets:

- An integrated Front-to-Back office system
- Flexible order management
- Coverage of extensive range of instruments
- Portfolio compliance
- NAV reporting
- Sophisticated risk management including Value-at-Risk
- Benchmarking
- Performance measurement
- Tracking Error and more
- Client reporting services
- Compliance with industry accounting standards



### KEY TWIN HIGHLIGHTS

- An innovative and proven treasury solution
- A strategic treasury and asset management solution
- Instant views of financial information flow and currency positions
- Quick, reliable analysis assured
- Support for all major instruments available in the financial market

For more information about CGI, visit [www.cgi.com](http://www.cgi.com).

# CAPTURE THE DEAL WITH FRONT OFFICE

Enjoy the logical, easy-to-handle user interface when you handle complex position keeping and risk exposure. Dealing, messaging, reporting and interacting with subsidiaries, counterparties and other electronic marketplaces is as close by as the nearest web browser you can lay hands on.

All money market deals, FX deals and equity deals are quickly and easily entered or captured electronically. Deal capture only involves data that is relevant and necessary for defining and processing each deal. Up-to-date information on positions and risks is available to you and all other authorized persons immediately after a deal has been entered.

Choose your instrument and your deal. TWIN360 supports all major instruments available in the financial market.

## Fixed Income/Money Market

TWIN360 can handle loans, deposits, bonds, semi-annual bonds, ECP, FRN, MTN, Repos, IRS, cross currency IRS, FRA, OTC futures, exchange traded futures, interest options, swaptions and more.

## Foreign Exchange

TWIN360 helps perform necessary consolidations on any desired level and in any desired reference or consolidation currency. Deal examples: Spot, forward, swaps (also non deliverable) and options.

## Equities

You will be able to follow up on events and performance. Handle spot deals, futures, options, warrants, equity loans, right issues, convertible bonds, CFD, corporate actions and more. In addition to the system being able to handle all outstanding deals, you can also take advantage of a comprehensive history of all events. This enables you to track all papers from buying – through dividends, issues, and splits – to selling. Events that involve a payment flow have an impact on TWIN360's overall handling of cash flow and FX positions.

## Commodities

Handle spot deals, forwards, swaps, futures and options in the commodity market.



### WHAT IS TWIN360?

- A state-of-the-art solution designed for active treasury and asset management in a global multi-site, multi-currency, multi-user and multi-instrument environment.
- A web based, online system, supporting straight-through processing (STP) to and from internal and external counterparties, other financial systems and e-marketplaces.
- A scalable solution that accurately analyses the risk exposure and performance of a trading room, treasury function or investment firm, for any portfolio, any security and all traded currencies.
- An operational tool to increase the efficiency of treasury and asset management processes

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# TAKE CONTROL WITH MIDDLE OFFICE

TWIN360's Middle Office provides you a solid basis for making the right decision, at the right time. You create and maintain an appropriate finance policy, set and distribute levels of user rights to subsidiaries, and use the powerful and flexible functions for risk analysis and presentation of information. The criteria of reports contents and reports ordering are user definable, making it easy to create customized decision support smoothly and efficiently.

Real-time market information on conditions, prices, rates and so on for mark-to-market valuation, positions and risk analysis can be linked automatically to the system for example, Refinitiv, Bloomberg, SIX, Data-Bond or other feeds.

## With TWIN360's Middle Office, you can take advantage of:

- Straight-through processing and full connectivity with market places and counterparties
- Measuring realized and forecasted performance
- Result monitoring on a daily, weekly or monthly basis
- Limit management
- Audit trail
- Calculating profit and loss

## Analyze risk in real-time

With an instant link to your market information supplier, you can analyze deals in real-time. Thus, all your positions and transactions will be updated immediately. TWIN360 enables you to simulate different alternative scenarios prior to important decisions and follow up versatile key parameters and risk measures.

Reporting features in TWIN360 give you a level of control, which is hard to match using other methods. The basis of all reports/ analysis/ simulations is a unique financial report-writer, specially developed for TWIN360. Many standard reports are available, but you can easily tailor your own reports and analysis and it doesn't take an IT expert to handle it.

The what-if simulation capability allows you to simulate different market scenarios, such as non-parallel shifts in interest rates or expected fluctuations in currency rates, and to study their impact on your risks, exposure and results.



### EXAMPLES OF RISK ANALYSIS BY TWIN360

- Maturity profiles
- Liquidity forecasts
- Duration analysis
- Portfolio analysis
- Gap analysis
- FX rates risk
- Interest risk
- Liquidity risk
- Yield analysis
- Cash flow analysis
- Different currency/interest rates scenarios
- What-if analysis
- Performance analysis for money market, foreign exchange, equity trading and commodities

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## CONFIRM AND SETTLE WITH BACK OFFICE

Highly integrated with all other TWIN360 modules, Back Office lets you handle confirmation, settlement, reconciliation and accounting. There are several ways to integrate payments and balances from bank accounts in TWIN360.

It is possible to import information on payments and balances directly from several banking systems, which is very useful for automatic entry of commercial transactions and payments. As the number of such payments each day can be very large, we add new bank connections depending on the user's requirements and needs.



## Impose consistent Accounting Rules

TWIN360's high level of integration also allows you to impose consistent accounting rules on the data as it flows out of the system into the accounting link. Keep your business in order with numerous control and administrative functions, such as:

- Workflow status control
- Confirmation matching
- Confirmation letters by automatic e-mail
- Advanced functionality for adjustment and closing of derivatives
- Automated account coding
- Journal entries
- Posting of unrealized and realized transactions
- Automated accounting interfaces
- Electronic payment files to banks
- Automated bank account reconciliation
- Bank account management and control
- Audit trail

### WHAT TWIN360 CAN DO FOR YOU?

- Provides you with instant overview of the company's present financial information flow and currency positions, in whole or in specific parts.
- Consolidates heterogeneous portfolios that are performing well.
- Streamlines fixed income, foreign exchange, equity and commodity deals as well as deals in all traded currencies, the majority of all financial instruments and their derivatives.
- Gives you superior control and a better general outlook, healthier prognoses and more opportunities to exploit the fluctuations of the financial market to your advantage.
- Performs risk analysis in real-time, and makes the financial risks of your operations clearly visible.

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# STREAMLINE YOUR FINANCIAL SYSTEMS WITH INTERACTIVE AND INTEGRATED SOLUTIONS

## Connect, distribute and gain - with TWIN360 SaaS

In today's financial systems, the working processes of your treasury or asset management have become more and more transparent and automated. The interacting network of financial systems is a giant leap forward for the financial community in general. TWIN360 is a part of this progress, as a front-edge solution.

By introducing TWIN360 SaaS you can leverage a powerful service delivery platform where internal counterparties to the central treasury, such as subsidiaries or other operational entities, can access relevant information stored in TWIN360's database.

For those who are authorized, this service is available from anywhere in the world, 365 days a year, 24 hours a day, without assistance from the central treasury personnel.

## Two significant benefits

With TWIN360 SaaS, you benefit from:

- A web based GUI
- The extensive functionality and flexibility of web architecture

By deploying TWIN360's SaaS connectivity, you communicate seamlessly with subsidiaries, banks and other counterparties. TWIN360 automatically exchanges information with geographically widespread systems and networks such as trading portals, banks and so on, in an effective way by employing true straight-through processing. In addition, it continuously keeps track of the status of all your activities and positions.

Commitments to subsidiaries are easily fulfilled with highly secured and standardized web-based distribution of access rights and connected services.

## Reconcile your accounts with integrated General Ledger

By integrating the bookkeeping process within TWIN360, you reduce risk and increase efficiency in the bookkeeping process. TWIN360 has a built-in integrated general ledger, mainly for financial accounting of financial instruments.

The ledger contains functionality for complete balance and P/L reports, chart of accounts and drill-down functionality on accounts. The ledger eliminates the reconciliation between TWIN360 and external ledgers, and the user receives early warnings of missing accounting rules directly when entering deals.



### TWIN360 INCLUDES SUPPORT FOR

- Deal Entry
- Deal Administration
- Post Trade Management
- General Ledger/Accounting
- Cash Flow Forecasting
- Risk Management
- Regulatory Reporting
- Internal Bank
- Etc.

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# GAIN ACCESS TO REAL-TIME VISIBILITY OF YOUR CASH MANAGEMENT PROCESSES

## Improve your forecasting with TWIN360 Cash Flow Forecasting

Business-to-Treasury processes cover the essential flows of information and communication between the business units and the treasury. With the availability of best practices and efficient tools for B2T interaction, the corporate treasury has continuous access to critical business data and can offer excellent online service to the business units. Take your internal processes to the next level and forget about spreadsheets!



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# SOLUTIONS BEYOND FUNCTIONALITY

Selecting a new treasury and asset management solution is a process that requires many skills and involves several decisions. It is not all about functionality and technology.

Your software vendor's dedication, commitment, resources and financial stability are critical to your success. CGI's business approach is to develop, market, implement and maintain solutions and tools for the area of treasury, risk & asset management. Using our combined resources, we are committed to deliver product that places you on the front line and gets the job done better, faster and more comprehensively.

Our software combines treasury, banking and asset management industry knowhow with IT expertise, to give you the kind of competitive edge and results you are looking for.

## Next generation software

CGI has been active in the area of developing software for treasury, banking and asset management as well as cash management since 1982. Our flagship product TWIN360 represents next generation treasury and asset management software developed by the company. With in-depth and continuous market analysis and IT technology analysis, we ensure TWIN360 is at the cutting edge of the ever-changing market for treasury and asset management services.

We are investing significant amounts in system development to meet fast changing financial market requirements. We will not simply settle for existing functionality but also look for new features that will give our clients competitive edge.

## Tracking and exploiting trends

A significant part of our mission is to understand important trends in the global financial market and ensure TWIN360 delivers the benefits of these trends. And we aim to eliminate or minimize the disruption that change can bring. An active TWIN360 User Association, where every company and organization using TWIN360 can be represented, is participating in planning, reviewing and development of the product.

To maximize the business benefit from your investment in TWIN360, we are spending a great part of our revenue on product development activities. We are highly proficient at quickly taking advantage of new opportunities and delivering financial solutions that support your business goals.

Our solutions naturally embrace software and implementation employing best practice, but also hardware, data links and communications as important components of the finished product.

Only people can apply knowledge, provide service and take responsibility. Only people can create the final result.

## FURTHER INFORMATION

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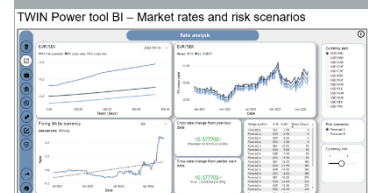
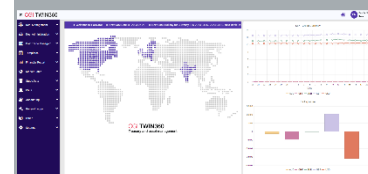
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# TWIN360 – FOR YOUR TREASURY AND ASSET MANAGEMENT NEEDS, TODAY AND TOMORROW

A leading Treasury and Asset Management system, used by corporates, banks, public organizations and financial institutions in 14 countries.

## TWIN360 supports:

- Straight-through-processing
- Trade capture
- Trade confirmation and settlement
- Risk management
- General ledger
- Cash flow forecasting
- Etc.



## ABOUT CGI

Founded in 1976, CGI is among the largest independent IT and business consulting services firms in the world. We are insights-driven and outcome-based to help accelerate returns on your IT and business investments. In all we do, our goal is to build trusted relationships through client proximity, providing industry and technology expertise to help you meet the needs of your customers and citizens.

With approximately 90,000 consultants and professionals across the globe, CGI delivers an end-to-end portfolio of capabilities, from strategic IT and business consulting to systems integration, managed IT and business process services and intellectual property solutions. CGI works with clients through a local relationship model complemented by a global delivery network that helps clients digitally transform their organizations and accelerate results.

CGI shares are listed on the TSX (GIB.A) and the NYSE (GIB).

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