

MARS FRONT OFFICE

A Bloomberg Professional Service Offering

**SEE CLEARLY,  
ACT QUICKLY**

**Bloomberg**



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INTRADAY, EVERY DAY.**

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# **SPOT & MANAGE PORTFOLIO RISK. INTRADAY, EVERY DAY.**

**Designed to help identify risk in portfolios and manage it more easily, MARS Front Office leverages Bloomberg's market data, pricing and analytics to provide a comprehensive suite of risk analytics for front office professionals. With advanced scenario and stress test capabilities as well as streamlined workflow solutions, MARS Front Office contains everything you need to adapt to changing regulation and thrive in a challenging business landscape.**

# INTRADAY RISK MANAGEMENT

Bloomberg's MARS Front Office solution is equipped with rich functionality that can help your organization understand risk and increase operational efficiency in an evolving regulatory environment. Broad asset class coverage and sophisticated analytics, powered by real-time data, enable front office players to monitor and manage intraday risk.

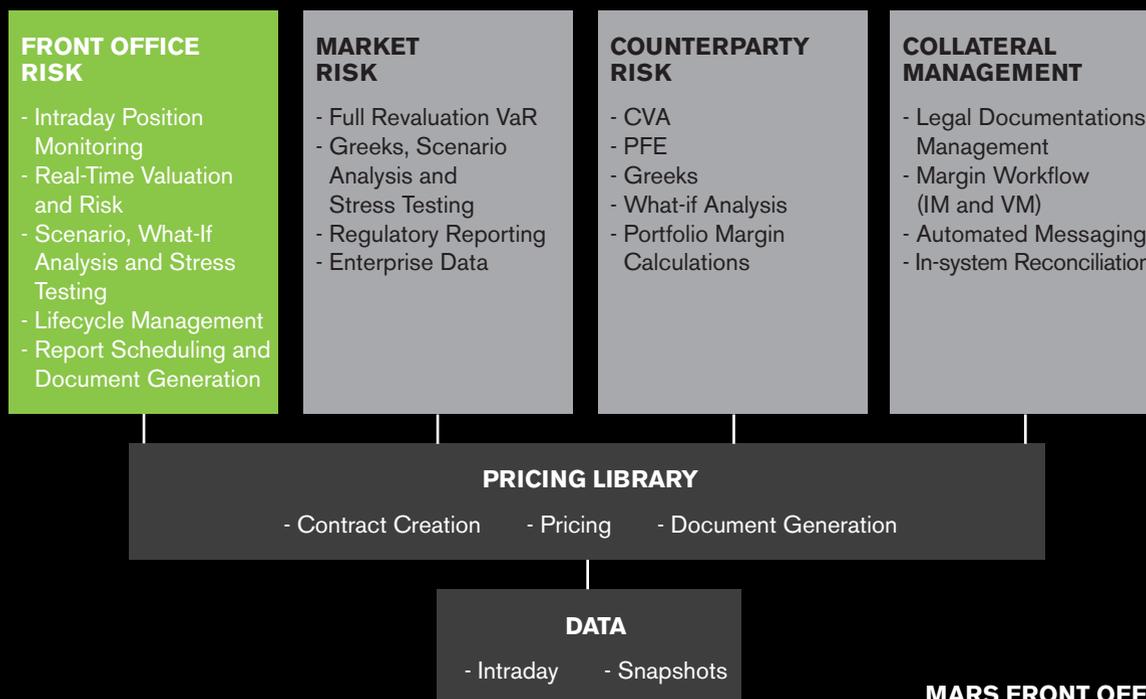
## A COMPREHENSIVE FRONT OFFICE SOLUTION

Suitable for buy-side hedge fund traders, portfolio managers and investment advisors, as well as sell-side traders, structurers and sales professionals, MARS Front Office enables front office staff to monitor the value of their portfolios in real time, conduct pre-trade analysis, analyze hedging and investment decisions, and perform intraday lifecycle and cash flow management. All on a single and integrated platform.

MARS Front Office is built on the same robust data, pricing and risk library used across Bloomberg's suite of enterprise products, including Market Risk, Counterparty Risk, Collateral Management and Corporate Treasury solutions. The portfolio solution is seamlessly integrated with our Bloomberg Derivatives single security calculators: SWPM for interest rate derivatives, OVML for FX and commodities, OVME for equities, CDSW for credit, and the new Bloomberg multi-asset derivatives library, DLIB.

## Key features

- Cross-asset class product coverage (including equities, fixed income, inflation, credit, commodities & FX) powered by Bloomberg data & pricing models
- Position monitoring with intraday mark-to-market & Greeks
- Powerful scenario tools & pricing analytics
- Lifecycle management & document generation
- Integration with Bloomberg Order Management Systems (AIM & TOMS)



# POWERFUL TOOLS & ANALYTICS

## MARK-TO-MARKET & GREEKS

View mark-to-market and risk sensitivities powered by Bloomberg's market data, pricing and risk library. MARS Front Office provides access to an extensive array of risk analytics for your portfolio, delivering unrivalled consistency and consolidating valuation and risk in a single system, across all asset classes, for both flow and exotics.

## STRUCTURED PRODUCTS

Build and analyze portfolios of complex structured products using the Bloomberg Derivatives Library, DLIB <GO>, which offers a suite of analytics such as back-testing, powerful state-of-the art quantitative models, and the ability to script your own multi-asset products and dynamic strategies.

## WHAT-IF, SCENARIO ANALYSIS & STRESS TESTING

Conduct powerful pre-trade and post-trade analysis across your portfolios, including the ability to analyze various what-if scenarios as well as conduct stress tests to assess the potential P&L and risk impact on portfolios.



**Multi asset risk system**  
Conduct powerful pre- and post-trade analysis across portfolios, including scenario analysis and stress tests to assess risk and P&L risk impact.

# STREAMLINED WORKFLOW SOLUTIONS

## CASH FLOW ANALYSIS

MARS Front Office provides risk managers, traders and investment advisors with access to gain better insight into cash flows at the portfolio and deal level. Interactive charts and automated reports enable you to visualize projected or historical cash flows across time, separate principal and interest payments for interest rate products, aggregate cash flows by currency, asset class, or counterparty, and decompose cash flows into net, interest payment, received cash flows and fees.

## AUTOMATIC LIFECYCLE MANAGEMENT

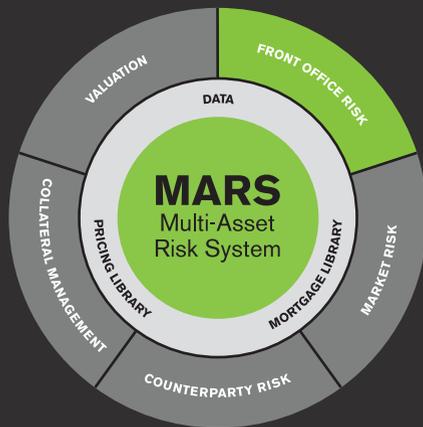
Monitor the lifecycle events impacting portfolios of derivatives and structured products. Lifecycle Management provides a streamlined workflow with the automatic monitoring of events, removing the burden, cost and risk of manual monitoring. Sales, investment advisors and relationship managers can use the lifecycle management tool to provide better, more proactive service to their clients.

## AUTOMATED REPORT SCHEDULING

Automated reporting capabilities within MARS Front Office enable you to create reports and automate them to be executed at scheduled times and frequencies. Your mark-to-market and risk exposures can be used for your own analysis at desktop level. Reports can be customized with contact details and disclaimers.

1) Actions - 2) Security - 3) Views - 4) Settings - 5) Reports - Lifecycle Management									
BBG MARS STRUCTURED PRODUCTS DE USD <Add Security> 06/14/16 2) Group By									
3) Positions 3) Scenarios 3) Lifecycle Events									
4) All Events 4) Cash Flow 4) Fixing 4) Exercise 4) Barrier 4) Corporate									
Hide Filters « Recent Reports Demo LFC Report Group By Event Date									
5) Reset Filters Date Security CCY Cash Type Direction Amount Event St									
Time Range 02/27/14									
All Events 02/27/14 RANGEACCRUAL - Range Accrual USD Funding Pay 2,555.56 Certain									
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To mm/dd/yyyy 05/27/14 RANGEACCRUAL - Range Accrual USD Funding Pay 577.51 Certain									
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Underlying 06/16/14 BLAN-USD US0003M 4y USD Floating Leg Pay 5,898.57 Certain									
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IBM US Equity 15 08/27/14 RANGEACCRUAL - Range Accrual USD Funding Pay 580.49 Certain									
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SPX Index 1 09/16/14 BLAN-USD US0003M 4y USD Fixed Leg Receive 81,793.06 Certain									
Counterparty 09/16/14 BLAN-USD US0003M 4y USD Floating Leg Pay 5,893.11 Certain									
BBG2 106 11/28/14									
BBG4 48 11/28/14 RANGEACCRUAL - Range Accrual USD Coupon Receive 10,138.89 Certain									
More... 11/28/14 RANGEACCRUAL - Range Accrual USD Funding Pay 615.87 Certain									
Event Status 12/16/14									
Uncertain 107 12/16/14 BLAN-USD US0003M 4y USD Floating Leg Pay 5,930.17 Certain									
Certain 103 12/30/14									
Direction 12/30/14 TARF EUR Receive 1,000,00... Certain									
Pay 106 12/30/14 TARF USD Pay 1,065,10... Certain									
Receive 104 01/28/15									

**Lifecycle management**  
Monitor the lifecycle cashflow, fixing, exercise and barrier events impacting portfolios of derivatives and structured products.



## MARS Multi-Asset Risk System

The Multi-Asset Risk System (MARS) provides consistent and consolidated valuation, product lifecycle analysis, market risk, counterparty risk, and collateral management.

MARS is powered by Bloomberg's world class pricing library, market data, and mortgage cash flow engine and enables front-office, risk, and collateral professionals to analyze their trading and investment portfolios, mitigate risk, and prepare for the unexpected.

## ABOUT THE BLOOMBERG PROFESSIONAL SERVICE

The founding vision in 1981 was to create an information services, news and media company that provides business and financial professionals with the tools and data they need on a single, all-inclusive platform. The success of Bloomberg is due to the constant innovation of our products, unrivalled dedication to customer service and the unique way in which we constantly adapt to an ever-changing marketplace.

The Bloomberg Professional service is a powerful and flexible tool for financial professionals — whatever their needs — in cash and derivatives markets as diverse as equities, currencies, commodities, money markets, government and municipal securities, mortgages, indices, insurance and legal information. The Bloomberg Professional service seamlessly integrates the very best in real-time data, news and analytics.

In addition, Bloomberg users benefit from on-demand multimedia content, extensive electronic trading capabilities and a superior communications platform. Bloomberg customers include influential decision makers in finance, business and government. Business and financial professionals recognize the Bloomberg Professional service as the definitive tool for achieving their goals because it offers unparalleled assistance and functionality on a single platform for a single price.

## LEARN MORE

Not only does Bloomberg's MARS Front Office solution help address the needs you have today, it also prepares you for those to come. To learn more about Bloomberg's risk solutions, visit [RISK <GO>](#) or contact us at [riskinfo@bloomberg.net](mailto:riskinfo@bloomberg.net).

For more information on our award-winning derivatives library, please refer to [DLIP <GO>](#).

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