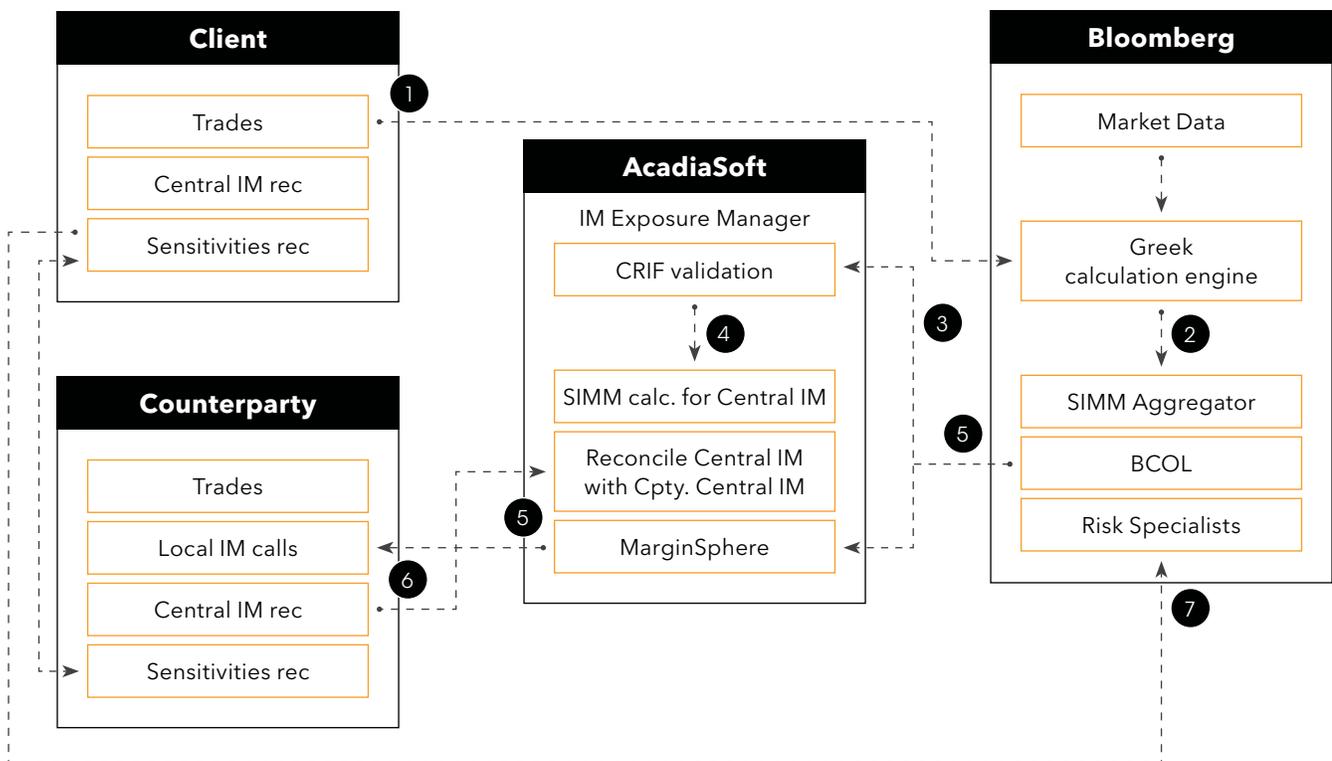


# Bloomberg MARS Collateral Management

Manage collateral, minimize complexity.

Bloomberg's MARS Collateral Management {BCOL <GO>} is an automated, end-to-end solution that delivers everything you need to manage and monitor exposures and positions and take control in a changing regulatory landscape. As part of the BCOL solution, you have the ability to calculate SIMM, the industry standard for calculating initial margin for non-cleared derivatives, to produce your regulatory initial margin calls. To free up resources and efforts developing and maintaining a complex model, you can rely on Bloomberg-calculated greeks or utilize your own greeks (using the ISDA CRIF format) for your SIMM calculations.

Additionally, Bloomberg is integrated with MarginSphere for automated margin call messaging, as well as the Initial Margin Exposure Manager (IMEM) for initial margin reconciliations. BCOL users can now send margin calls and further, automatically send their CRIF data using Bloomberg's SIMM calculation engine directly to the IM Exposure Manager tool, for reconciliation purposes.



## Steps

1. Client sends trades to Bloomberg.
2. Bloomberg calculates sensitivities based on client trade data and Bloomberg Market data.
3. Bloomberg aggregates sensitivities into CRIF format and transmits to AcadiaSoft's IM Exposure Manager (IMEM).
4. IMEM re-calculates SIMM from both parties to normalize the calculation (called "Central IM").
5. Concurrently, client sends and receives margin calls via MarginSphere on BCOL.
6. Client reconciles and manages breaks on aggregate level of Central IM in IMEM.
7. Risk specialists and financial engineers manage more in-depth market data or greek calculation issues.

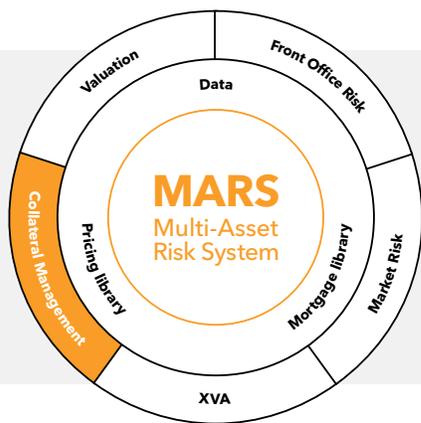
## Highlights

- Supported live clients with SIMM calculations since 2016
- Regulatory compliance for uncleared margin, VM and IM calls
- Supports SIMM model and Schedule-based IM
- Embedded IM calculations to collateral management process for consistent data processing
- Powered by Bloomberg's market data and risk sensitivities
- End to end, fully automated sensitivities calculation with CRIF file creation and reconciliation via IMEM
- Renowned customer support model, with 24/7 coverage and a dedicated support team
- Full audit trail and reporting/analysis
- Ability to perform worst of calculations based on applicable party
- Regimes Industry dispute rate benchmark reporting
- Difference Attribution - enabling automatic categorization of the main drivers of differences per Agreement and across all relationships
- Secure data platform with maximum client control

## Connect to a holistic solution

MARS Collateral is built on Bloomberg's Multi-Asset Risk System risk engine, providing a truly holistic, one-stop solution for collateral management. The Multi-Asset Risk System 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.



## MARS Multi-Asset Risk System

- Consolidated and consistent valuation
- Product lifecycle analysis
- Market risk, counterparty risk and collateral management

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

## Take the next step.

For additional information, press the <HELP> key twice on the Bloomberg Terminal®.

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