

# MARS for Standard Initial Margin Model (SIMM™)

Manage initial-margin exposures and comply with UMR

With the final two phases of the Uncleared Margin Rules (UMR) implementation approaching rapidly, impacted firms are under pressure to meet complex new regulatory requirements while minimizing the impact on trading costs. With documentation, custodial or operational requirements only applying if the bilateral initial margin (IM) being exchanged exceeds €50 million, firms will want to carefully monitor their exposures in order to avoid significant costs.

The requirement to exchange IM will continue under phases 5 and 6 of UMR, when firms' average aggregate notional amount (AANA) of uncleared derivatives exceeds the following thresholds:

UMR	AANA Threshold	Compliance date
Phase 5	€50 billion	1st September 2021
Phase 6	€8 billion	1st September 2022

Having licensed the SIMM methodology from the International Swaps and Derivatives Association (ISDA), we deliver SIMM through our award-winning Multi-Asset Risk System (MARS), enabling front office, risk and operations teams to gain a clear view of their margin exposure and comply with UMR.

## Key benefits of MARS for SIMM

### Manage IM exposure

Monitor your exposure using intra-day and end-of-day analytics, including drill-down analysis by product and risk class as well as transaction.

### Optimize decision making and allocation

Run pre-trade initial-margin calculations across multiple credit-support annexes (CSAs), with the ability to create deals from single security pricers and add them to your portfolio as prospective trades. MARS for SIMM calculates the incremental IM from adding this to selected counterparties in your portfolio, and identifies the counterparty producing the lowest incremental IM.

### Monitor Traffic Light Test results

Perform two ISDA-specified SIMM backtests and monitor results against the Basel Traffic Light Test:

- Compare actual P&L moves and track how often actual P&L exceeds the SIMM level
- Assess whether your portfolio achieves 99th percentile 10-day coverage when subjected to the past three years' market movements, plus one year of significant financial stress

Multi Asset Risk System: SIMM									
End Of Day	Pre-Trade	What-If	IM Results	Backtesting					
Counterparty	USD	03/11/21	SIMM IM	Schedule IM	Initial Margin IM Cu...	IM Report Curr...	Threshold Rep...	Threshold Gap	
Bloomberg Inc						8,508,719	50,000,000	41,431,281	
DEMO SIMM COU...						8,529,279	0	-8,529,279	
DEMO 2 CPTY ...	8,529,279		0	8,529,279	USD	8,529,279	0	-8,529,279	
SIMM DEMO - C...						39,440	50,000,000	49,960,560	
SIMM DEMO - ...	39,440		0	39,440	USD	39,440	50,000,000	49,960,560	
BASF SE						12,724,776	50,000,000	37,275,224	
SIMM DEMO - C...						12,724,776	50,000,000	37,275,224	
SIMM DEMO - ...	12,724,776		0	12,724,776	USD	12,724,776	50,000,000	37,275,224	
Bloomberg Inc						3,112,474	50,000,000	46,887,526	
SIMM DEMO - C...						3,112,474	50,000,000	46,887,526	
SIMM DEMO - ...	3,112,474		0	3,112,474	USD	3,112,474	50,000,000	46,887,526	

**Make informed trading decisions** – Perform pre-trade and what-if analyses to assess the impact of potential trades on the IM amounts agreed by you and your counterparties in your CSA.

Multi Asset Risk System: SIMM									
End Of Day	Pre-Trade	What-If	IM Results	Backtesting					
Pre-Trade	03/11/21 03:12:28 PM	Counterparty	USD						
Pre-Analysis IM	IM CSA Currency	Post-Analysis SIMM IM	Schedule IM IM Cu...	Pre-Analysis IM	Post-Analysis IM	Incremental IM	Threshold Report ...	Threshold Gap	
SIMM DEMO - CPTY A									
SIMM DEMO - BANK ...	12,724,776.43	14,331,491.95	14,331,491.95	0.00	USD	12,724,776.43	14,331,491.95	1,606,715.52	35,668,508.00
Bloomberg Inc						8,508,718.80	10,903,241.99	2,334,523.19	39,096,738.00
SIMM DEMO - CPTY C						39,439.52	1,934,033.10	1,894,593.58	48,065,966.96
SIMM DEMO - BANK ...	39,439.52	1,934,033.10	1,934,033.10	0.00	USD	39,439.52	1,934,033.10	1,894,593.58	48,065,966.96
DEMO SIMM COUNTERP...						8,529,279.29	8,969,208.89	439,929.61	0.00
DEMO 2 CPTY - OFC	8,529,279.29	8,969,208.89	8,969,208.89	0.00	USD	8,529,279.29	8,969,208.89	439,929.61	0.00
Bloomberg Inc						3,112,473.92	3,043,927.61	-68,546.31	46,956,072.39
SIMM DEMO - CPTY B						3,112,473.92	3,043,927.61	-68,546.31	46,956,072.39
SIMM DEMO - BANK ...	3,112,473.92	3,043,927.61	3,043,927.61	0.00	USD	3,112,473.92	3,043,927.61	-68,546.31	46,956,072.39

**Stay in control** – Review the IM and incremental IM that each counterparty requires for individual deals linked to a CSA, so you can assess your capital requirements.

## About the business

Whether on the buy side or sell side, firms need a comprehensive risk-management solution with broad asset-class coverage. Whether it's market, counterparty, credit, liquidity, operational or portfolio, the Bloomberg Terminal has every risk covered.

### Take the next step.

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

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