

triCalculate IM Analytics

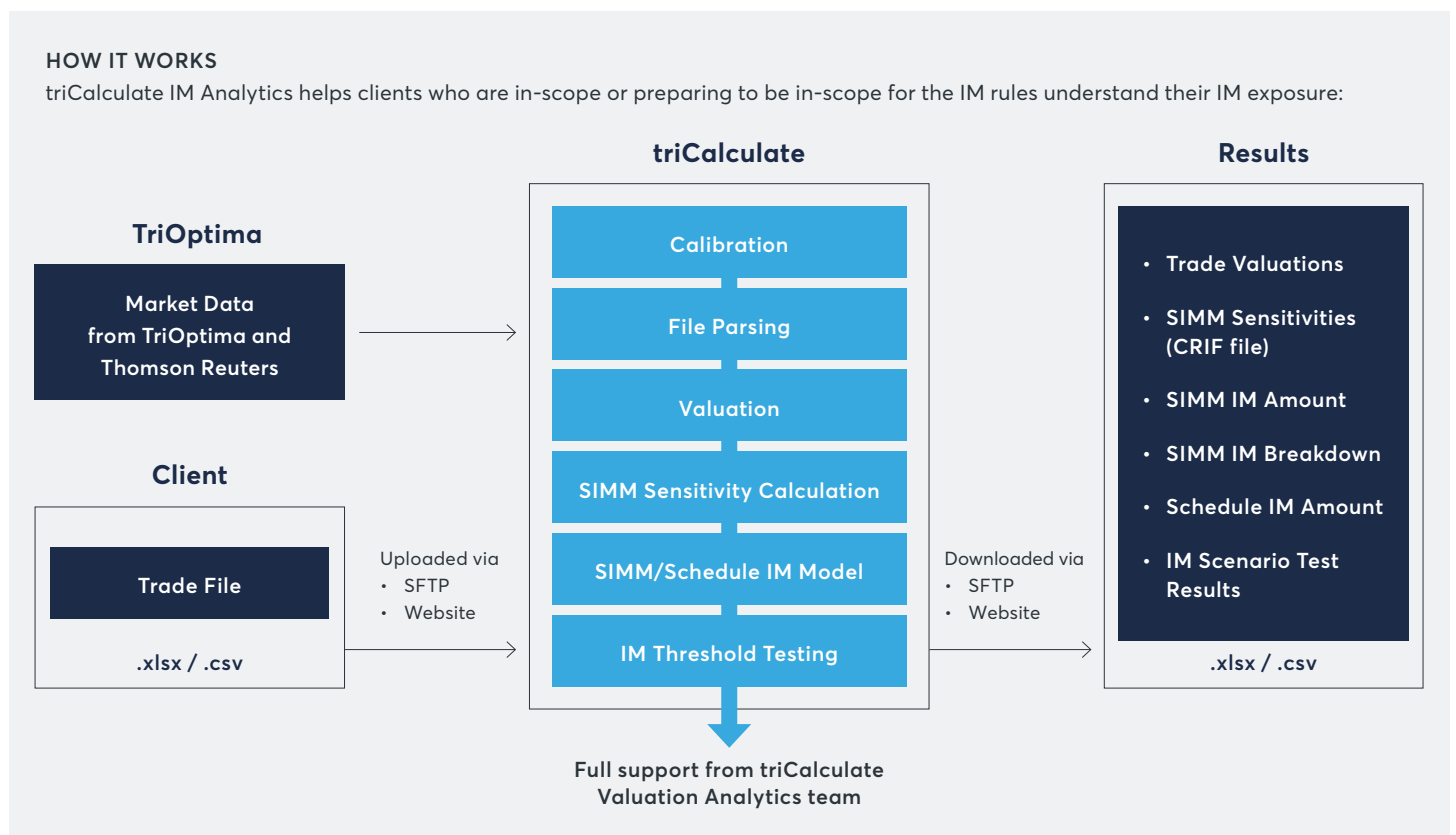
Firms coming into scope for uncleared margin rules for 2021 and 2022 are faced with a variety of operational challenges around the calculation and exchange of initial margin (IM). Now, triCalculate can help you prepare and make more informed IM business decisions with comprehensive IM analytics.

Today's Planning, Tomorrow's Success

triCalculate IM Analytics provides crucial insight into your options for IM calculation, helps identify and prioritize in-scope counterparties and aids decisions to reduce future IM costs.

Proven, Comprehensive, and Customizable

triCalculate's IM Analytics are customizable to your requirements and can be provided on a periodical or ad-hoc basis. With no upfront fees, all that's required to get started is a simple trade file in any format, representing a real or hypothetical portfolio.



With triCalculate IM Analytics You Can Determine:

SIMM™ vs. Schedule

You must decide to use either the schedule or the ISDA Standard Initial Margin Model (SIMM™) calculation method as it needs to be pre-agreed with your counterparties. triCalculate supports both methodologies and can help in the SIMM™ vs. schedule decision-making process with analytics on the effects of each methodology on IM costs.

SIMM™ Sample

party_id	counterparty_id	site	risk_class	simmtm_type	bucket	trade_count	pledgor_im	secured_im
DEMO	TEST COUNTERPARTY					13	4,984,055,924	4,853,965,789
DEMO	TEST COUNTERPARTY	Rate/FX	FX			9	4,175,507,489	4,509,875,243
DEMO	TEST COUNTERPARTY	Rate/FX	FX			4	511,254,995	311,239,995
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Vega		2	128,754,147	128,754,147
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Vega	USDGBP	2	422,254,197	422,254,197
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Cumulative		4	65,732,246	0
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Cumulative	USDGBP	2	2,762,246	1,763,358
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Cumulative	USDGBP	2	9,876,182	9,876,182
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Delta		9	3,999,102,248	3,999,102,248
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Delta	USD	7	3,997,103,917	3,917,103,917
DEMO	TEST COUNTERPARTY	Rate/FX	FX	Delta	EUR	2	208,188,572	306,782,858
DEMO	TEST COUNTERPARTY	Rate/FX	IR			13	354,090,546	354,090,546
DEMO	TEST COUNTERPARTY	Rate/FX	IR	Delta		13	354,090,546	354,090,546
DEMO	TEST COUNTERPARTY	Rate/FX	IR	Delta	GBP	11	490,780,945	490,780,945
DEMO	TEST COUNTERPARTY	Rate/FX	IR	Delta	USD	2	200,843,189	200,843,189
DEMO	TEST COUNTERPARTY	Rate/FX	IR	Delta	EUR	2	42,152,692	42,152,692

Schedule Sample

party_id	counterparty_id	Asset class	IM requirement (% of notional exposure)	trade_count	Gross_IM	Party Mtm	NetReplacementCost Pledgor Party	GrossReplacementCost Pledgor Party	NetReplacementCost Secured Party	GrossReplacementCost Secured Party	pledgor_im	secured_im
DEMO	TEST COUNTERPARTY	Credit: 0-2 year duration		2	0	0	0	0	0	0	0	0
DEMO	TEST COUNTERPARTY	Credit: 2-5 year duration		5	0	0	0	0	0	0	0	0
DEMO	TEST COUNTERPARTY	Credit: 5+ year duration		10	0	0	0	0	0	0	0	0
DEMO	TEST COUNTERPARTY	Commodity		15	0	0	0	0	0	0	0	0
DEMO	TEST COUNTERPARTY	Equity		15	0	0	0	0	0	0	0	0
DEMO	TEST COUNTERPARTY	Foreign Exchange		6	8	3,155,478,000	-512,666					
DEMO	TEST COUNTERPARTY	Interest Rate: 0-2 year duration		1	2	504,250,000	1,266,000					
DEMO	TEST COUNTERPARTY	Interest Rate: 2-5 year duration		2	3	852,638,000	-17,800					
DEMO	TEST COUNTERPARTY	Interest rate: 5+ year duration		4	0	0	0					
DEMO	TEST COUNTERPARTY	Other		15	0	0	0					
DEMO	TEST COUNTERPARTY			13	4,512,366,000	735,534	0	925,000	735,534	899,500	1,804,946,400	4,018,842,084

Sample Your Future IM Costs

It's essential to understand what your IM cost will be triCalculate IM Analytics allows you to identify a suitable portfolio for your first week's, month's, and year's worth of trading and to simulate your IM cost across all eligible relationships, allowing a more accurate depiction of your IM cost.

Which Counterparties are In-Scope and When

It is a requirement to actively exchange regulatory IM with all in-scope counterparties that exceed the IM threshold can help you prioritize setting up your IM agreements where you anticipate this threshold to be breached sooner rather than later.

How to Redistribute Risk

triBalance can help simplify your OTC derivatives portfolios and reduce funding costs of meeting initial margin obligations. triBalance achieves this through multilateral rebalancing of counterparty risk exposures. The service is available for FX, rates and equity risk classes and can optimize across both bilateral and cleared relationships.

Bringing it All Together with a Seamless IM Solution

With triCalculate IM Analytics providing the insights you need to decide your IM calculation method, identify and prioritize in-scope counterparties and reduce IM funding costs, you can then utilize TriOptima's seamless IM solution to calculate your inputs, manage your margin calls and resolve your disputes.

For more information please email info@trioptima.com or contact your local TriOptima office.

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