

SMART

Risk and Valuation Analytics

LCH The Markets'
Partner

INTRODUCTION

LCH SMART enables clients and members to simulate their margin requirements across SwapClear, Listed Rates and ForexClear on one platform. Using instantaneous, consistent "what if" calculations, clients and members can cost-effectively view their risk exposures against LCH for a simulated portfolio prior to clearing.

KEY BENEFITS

01.

IM and VM Reconciliation

Input your portfolio of trades, and watch LCH SMART automatically apply curves, tenor buckets and worst-case scenarios to ensure accurate estimates of margin.

02.

Full Breakdown of Risk Exposure

Access a comprehensive view of your IM and margin add-ons across your portfolio as well as a breakdown of portfolio sensitivities.

03.

Risk Management on One Platform

Submit trades from any OTC or Listed Rates service to view real-time risk exposure across the portfolio on one platform.

04.

Portfolio Margining Simulation

LCH SMART supports the LCH Spider service, enabling members to view their portfolio margining opportunities across OTC and exchange-traded interest rate books.

05.

Usability

Use the desktop application to take advantage of interactive screens or connect with the API to integrate the LCH SMART tool within your own technology stack.



TOOL FEATURES

- IM reconciliation
- Supports SwapClear, Listed Rates and ForexClear
- Displays NPV and sensitivities at trade level
- Automatically applies curves, tenor buckets and worst-case loss scenarios
- Available for members & clients
- Available as an easy-to-use desktop application
- Available to integrate into internal systems
- Supports LCH Spider and its impact on a simulated portfolio
- Simple installation

UPCOMING FEATURES AND DEVELOPMENT OF SMART

01.

SMART Data Services

Support market, reference and portfolio data for calculation purposes instead of EOD reports.



New Features

- Access end-of-day market, reference and portfolio data directly via the SMART app
- Intra-day access to market data, trade and portfolio sensitivities
- Enhanced visualisation for curves and sensitivities

Benefits

- Near real-time access to intraday P&L
- Improved risk visibility
- Better estimation of capital requirements and funding
- Understand where risk exposure lies within tenors

02.

Multi-Asset Support

Enables users to perform analysis for the ForexClear service through a desktop application.



New Features

- SMART App support for additional products through the ForexClear service

Benefits

- Ease of use: one application to support risk and valuation for multiple asset classes

FIND OUT MORE

For more information, contact the SMART support team: smartsupport@lch.com

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