

RepoClear Margin Calculator

Optimise your margin requirements with near real-time margin analytics

LCH's enhanced RepoClear Margin Calculator provides access to near real-time margin information that enables you to manage your clearing portfolios proactively, and identifies the main drivers of margin and portfolio sensitivities as a guide to potential optimisation opportunities.

The Challenge

01.

Market pressures and resource management

Increased pressure to reduce margin requirements and collateral use.

02.

Expensive collateral

Liquidity provision for potential unexpected cash calls.

03.

Missed opportunities

With end-of-day views only, the majority of risk systems lack timely information for accurate risk calculations, optimisation of initial margin (IM) and funding.

04.

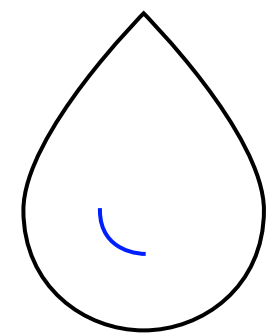
Cost vs value

Inhouse margin calculators and analytic tools are costly to develop and maintain, may contain inaccurate pricing and can introduce errors into margin calculations.

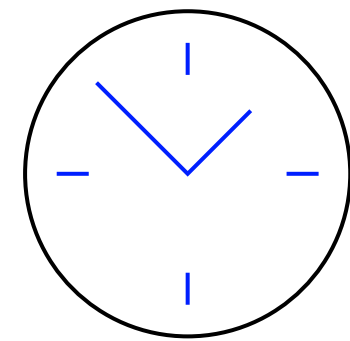


The solution

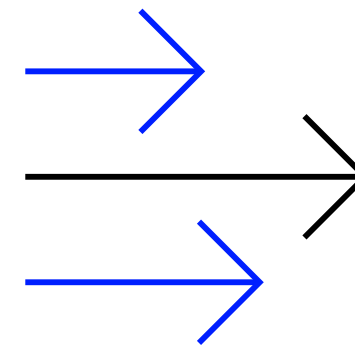
LCH RepoClear Margin Calculator is part of our suite of data, analytics and optimisation services. Developed for and with the markets, this enhanced digital tool helps members and clients drive potential cost and capital savings through more efficient resource allocation.



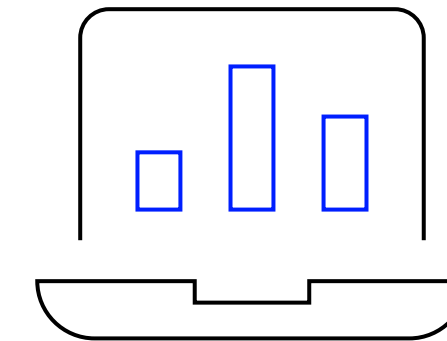
Gain deeper insight into LCH RepoClear's margin calculations and the positions that drive it to provide IM optimisation opportunities.



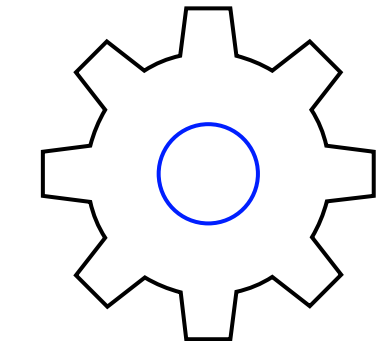
Access intermediate margin calculations giving a near real-time insight into the cleared portfolio's risk.



Facilitate easier investigation of margin changes as additional historic margin runs are available simultaneously.



Identify the drivers of margin requirements and an advance warning of margin increases.



Integrate RepoClear Margin API into existing risk and trading systems to access up to date margin calculations using LCH's risk engines.

Users/Use cases

01.

Repo trading

- Faster information allowing proactive management of cleared book
- Near real-time portfolio and margin updates
- Top contributions to margins to quickly identify optimisation opportunities

02.

Margin management

- Historical comparison of margin across EoD and ITD
- Forecasting capability to see the impact of future settlements on margin requirements

03.

Risk management

- History of margins and margin rates, sensitivities and stress views
- Sensitivity and time bucketed views of cleared portfolio

04.

Treasury

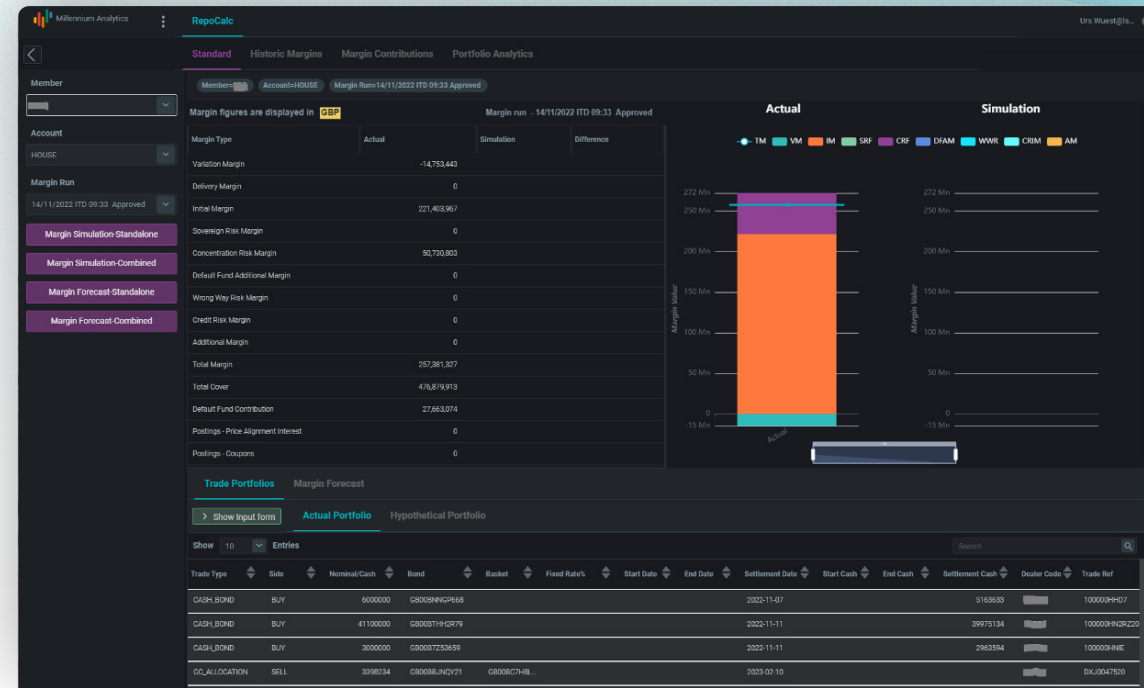
- Predict margin requirements and assess which positions are driving the largest PV01
- View current exposures per membership

In action

01.

Access essential margin calculator

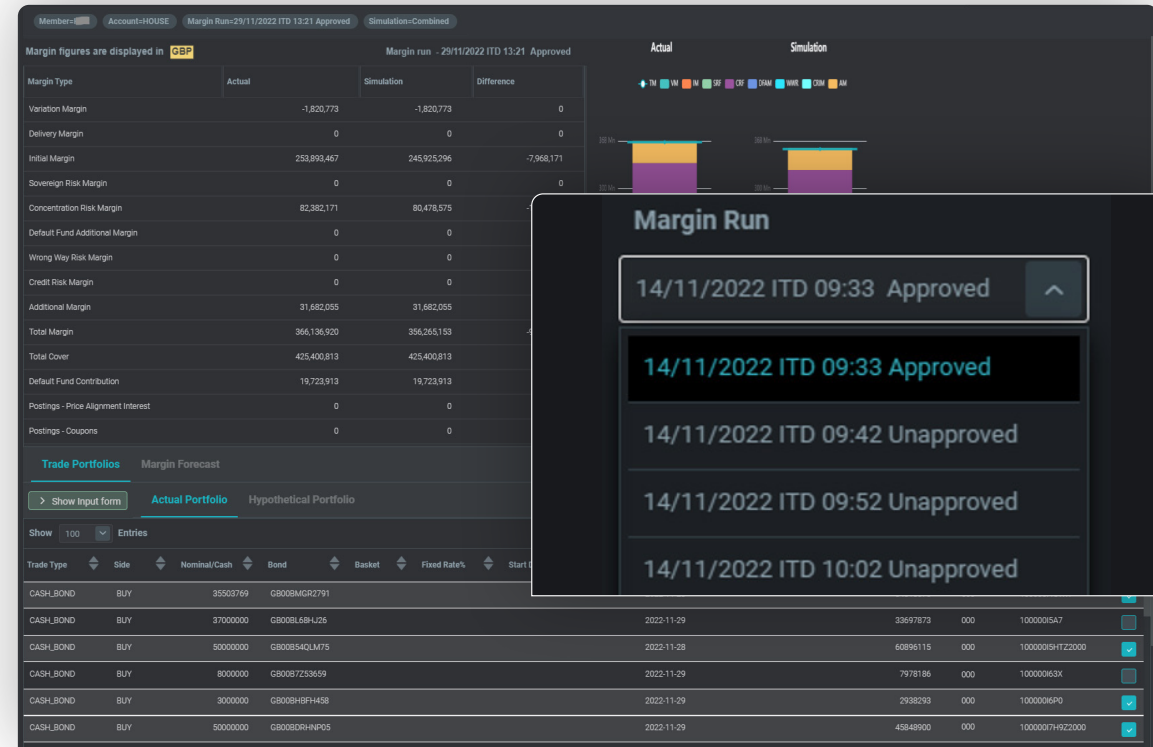
- Access intermediate margin calculations for near real-time insight into your cleared portfolio's risk.
- Summarised dashboard information is available across all margin types, each allocated cost and margining performance by market.



02.

All ITDs

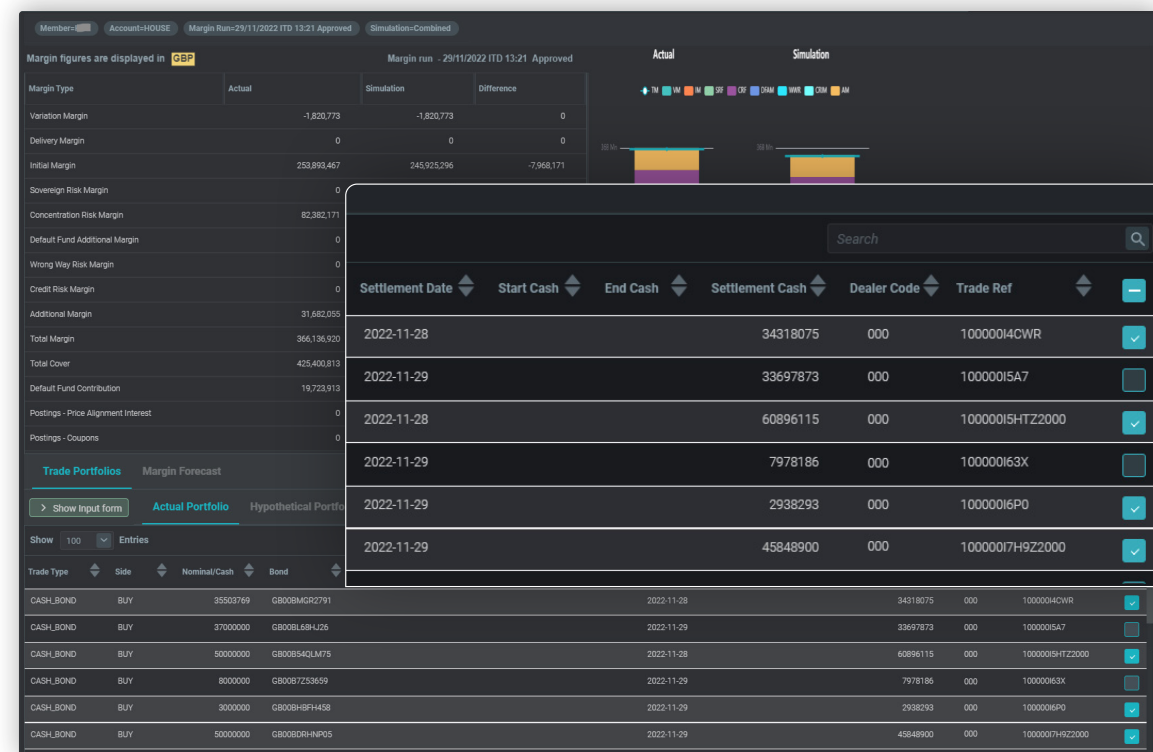
- Access all ITDs (Intra-day) and previous EoDs (End of days) for historical margin information.



03.

Simulation of additional trades

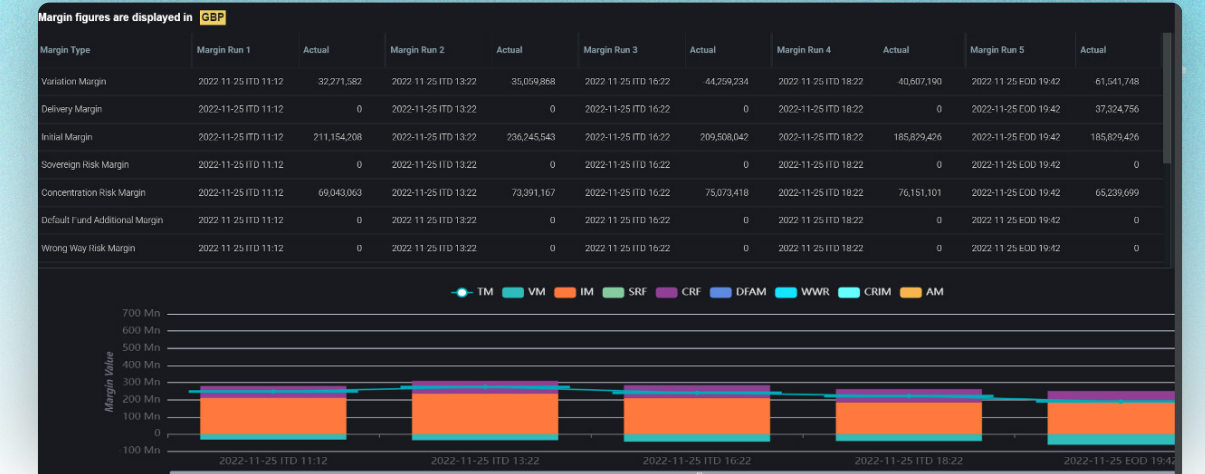
- Ability to manage, create and tailor your own portfolio and trade allocation to optimise resources.
- Visualise settlement and sensitivity breakdowns.



04.

Powerful margin analytics

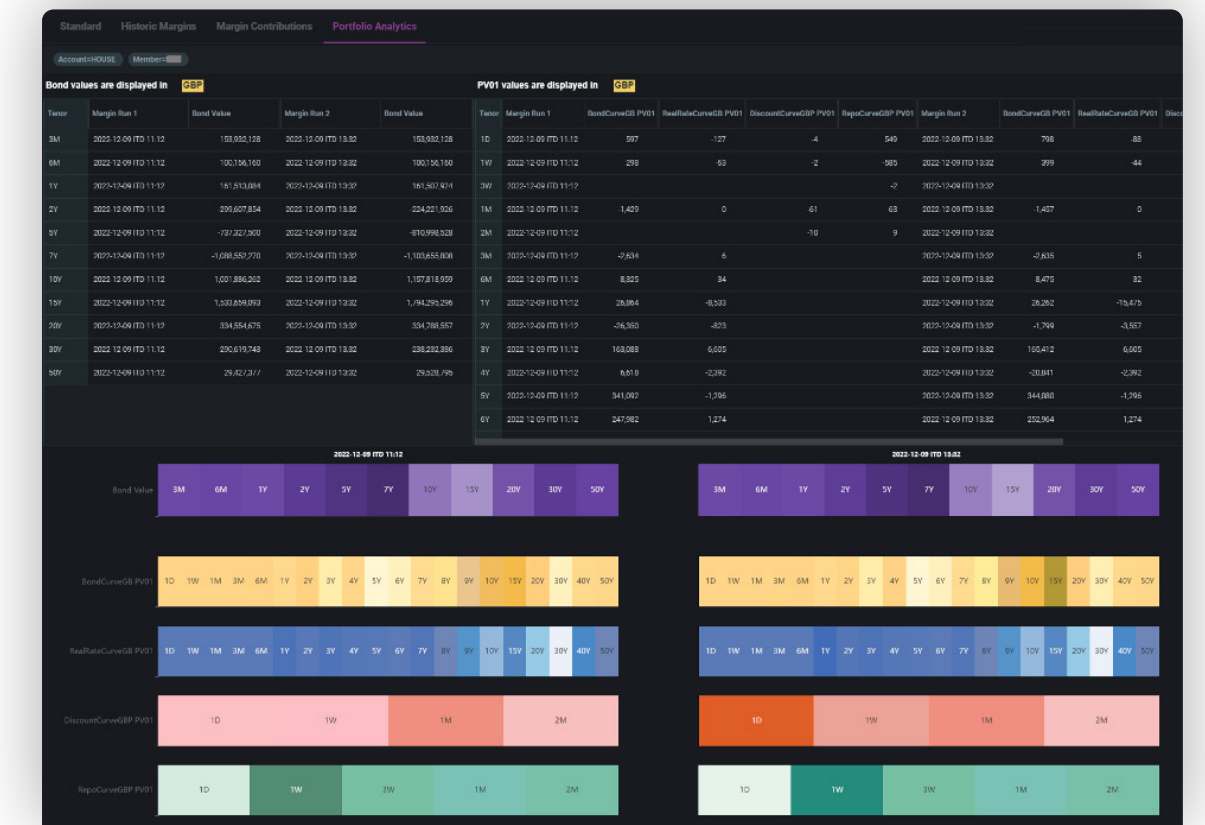
- Benefit from near real-time and historical statistics and graphs on margining performance by market.
- LCH RepoClear Margin Calculator's API is able to feed into core systems to integrate with your workflow.



05.

Margin optimisation

The tool allows a quick assessment of a portfolio's characteristics in terms of maturities and sensitivities that allow for quick identification of optimisation opportunities.



Feature comparison

Key features

RepoClear Margin Calculator

- Access essential Margin Calculator
- EoD and One ITD
- Will continue to be available for free to all Members and Agents
- Simulation of additional trades

Advanced

- Access to all Margin calculator features
- EoD and all ITD
- Additional analytics

Features	Repoclear margin calculator	Advanced
Rest API	NO	YES
Margin Simulations	YES	YES
Multi-day Margin Forecast	NO	YES
Number of Simulated Trades for GUI	600	UP TO 6000
Near Real-time Intermediate Margins Runs	NO	YES
Margin Breakdown to Driving ISIN	NO	YES
Risk Sensitivities	NO	YES

Access today

Start optimising your margin today.

LCH members can now access the LCH RepoClear Margin Calculator via the LCH Portal. Add-on analytics can be requested by contacting our Sales team.



Contact us

Email RepoClearGroupSales@lch.com

Visit [lch.com](https://www.lch.com)

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