

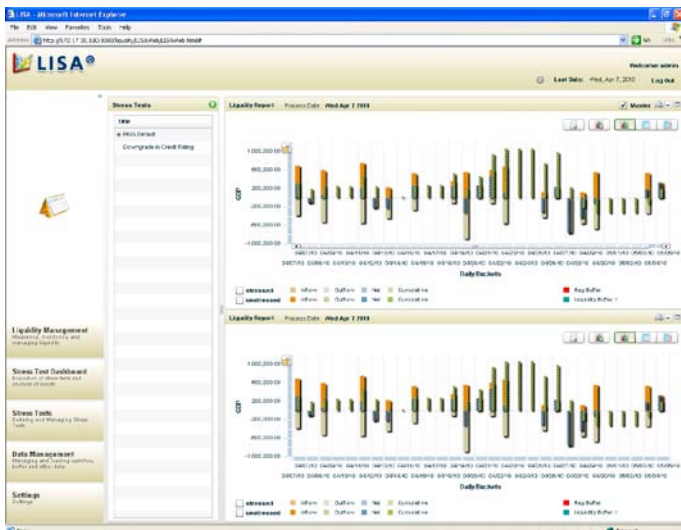


LISA®

Your Complete Liquidity Information & Scenario Analysis Solution

The ability to improve the measurement, monitoring and management of liquidity risk is fundamental to the success in today's global financial industry.

LISA® is a global liquidity risk solution that enables risk managers, treasury managers and regulatory reporting executives to efficiently supervise liquidity risk policies, including scenarios and reverse stress tests, and implement operational procedures and deliver liquidity reporting information. LISA® ensures effective risk management and full transparency across the entire organisation.

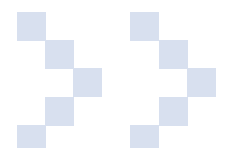
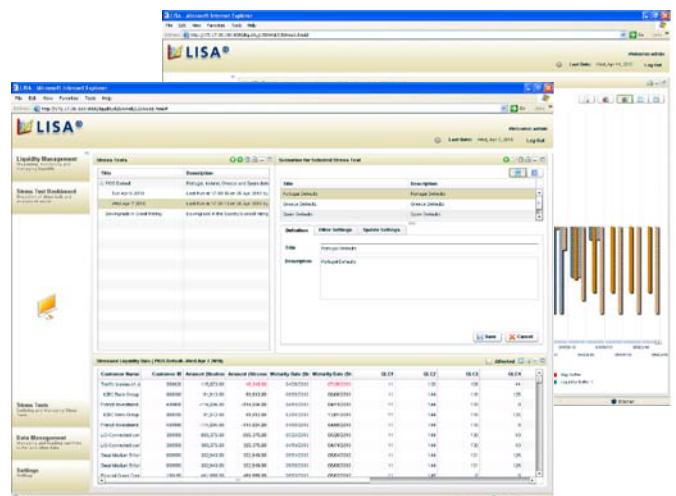


Dashboards

- ❖ **Liquidity Management:** Provides automated overview of all unstressed and stressed liquidity positions. With adjustable time horizon, time slider and drillable graphical presentation of the impacts of the stress tests on liquidity, senior management can locate key issues at a glance.
- ❖ **Scenario Builder:** A powerful and user friendly interface enables users to enter unlimited rules, mixed and matched, switched on or off, run in variable orders, to simulate knock-on or contagion impacts, or the implementation of your contingency response. Scenario Builder nests the rules into policies and enables these to be documented and secured.
- ❖ **What-If Builder:** Enables users to add or remove whole tranches of data, allowing proactive and automated testing of the validity of contingency funding plans, or the impact of new or withdrawn business lines. What-If Builder enables simulation of your rules for Reverse Stress Testing to demonstrate plans for orderly wind down.
- ❖ **Reporting:** Report impact of manual adjustments; review and analyse sources of funding; determine structural funding ratios and the impact of regulatory or your own defined QLA; monitor liquidity buffer surplus/deficit; see survival days from next business day, per stress; measure contractual gap coverage and mismatch gaps.

Key Benefits

- ❖ Flexible and in-depth approach to stress testing and scenario analysis
- ❖ Predefined stress tests and visualisation of the results using different scenarios ensure the proper management of liquidity on an ongoing basis
- ❖ Early warning signals to identify potential liquidity risk situations before these arise
- ❖ Run on current or back-dated data
- ❖ Support from a team of regulatory and risk experts actively involved in interpreting and assessing the impact of new regulations
- ❖ Easy interface to different data and regulatory reporting platforms
- ❖ User-friendly interface enables rapid development of scenarios and stress tests
- ❖ Comprehensive audit trails provide transparency of changes in the underlying data





Main Features

- Automated computation of liquidity positions to produce daily and on-demand reporting and workflow management tools for reviewing and approving reports to improve control of liquidity management processes
- What-if analysis and contingency funding management reporting in configurable time buckets for more accurate scenario generation
- Liquidity risk policy information and business rules documentation to demonstrate liquidity risk appetite at all times
- Easy assessment of the impact of various stress scenarios and ability to model alternative mitigating strategies to assess the impact of the chosen approach on cash flows and the pro-forma balance sheet



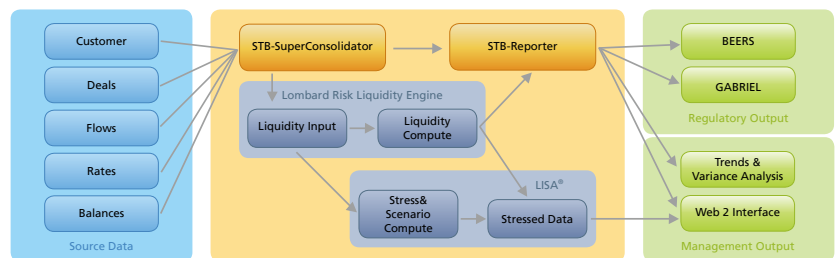
Liquidity Risk Factors

Pre-defined tests reflect the risk factors:

- Wholesale funding – test your sensitivity to your credit rating, stickiness
- Intra-group liquidity – strip out funding or deals with parents, subs defined groups
- Intra-day liquidity – test intra day deltas, proposed deals
- Cross-currency liquidity – see impact on currency swaps, margins, forward foreign exchange with different settlement periods
- Retail funding – test changes in maturity, interest rate, outflow speed, by product or customer type
- Off balance sheet liquidity – what happens if your guarantees don't show, or all your commitments are called?
- Franchise-viability risk – test the impact of your own, or a peer-firm's reputational damage
- Marketable assets – impact of a ratings downgrade for highly rated bonds; what about reduced residual maturity?
- Non-marketable assets – spilt out your reliance on anything that cannot be repo'd or sold outright
- Funding diversification – spread your anchors amongst different instruments, products, currencies, liability terms – test what happens if your available market for realisation drops away

Easy Interfacing and Diverse Output

- Graphical user interface includes the ability to simplify the view of complex stress and scenario test results and submit user-friendly queries to filter, search and analyse the data
- Flexible interfacing – any input, any format
- All reporting easily produced for electronic distribution or printing, or saved, audited and compared period-on-period
- Web 2.0 hyperlink distribution provides access any time and anywhere



LISA®: Your Solution to Liquidity Risk And Stress Testing.

Find Out More!

To find out more information about Lombard Risk and how LISA® helps improve your management approach to liquidity risk and regulatory compliance reporting go to: www.lombardrisk.com

About Lombard Risk

Lombard Risk is one of the world's leading providers of collateral management and regulatory compliance solutions to financial organisations and large corporations around the world. Our award-winning global solutions enable the financial industry to improve the management of counterparty risk, collateral risk, trading risk, liquidity risk, financial crime detection, and global regulatory compliance reporting, including Basel II. Founded in 1989, and headquartered in London, Lombard Risk has worldwide offices in New York, Shanghai, Hong Kong, and Singapore. Our clients include numerous banking businesses including over 20 of the world's top 50 financial institutions, nearly half of the banks operating in the UK, as well as several industry leading investment firms, asset managers, hedge funds, fund administrators, and large corporations worldwide.