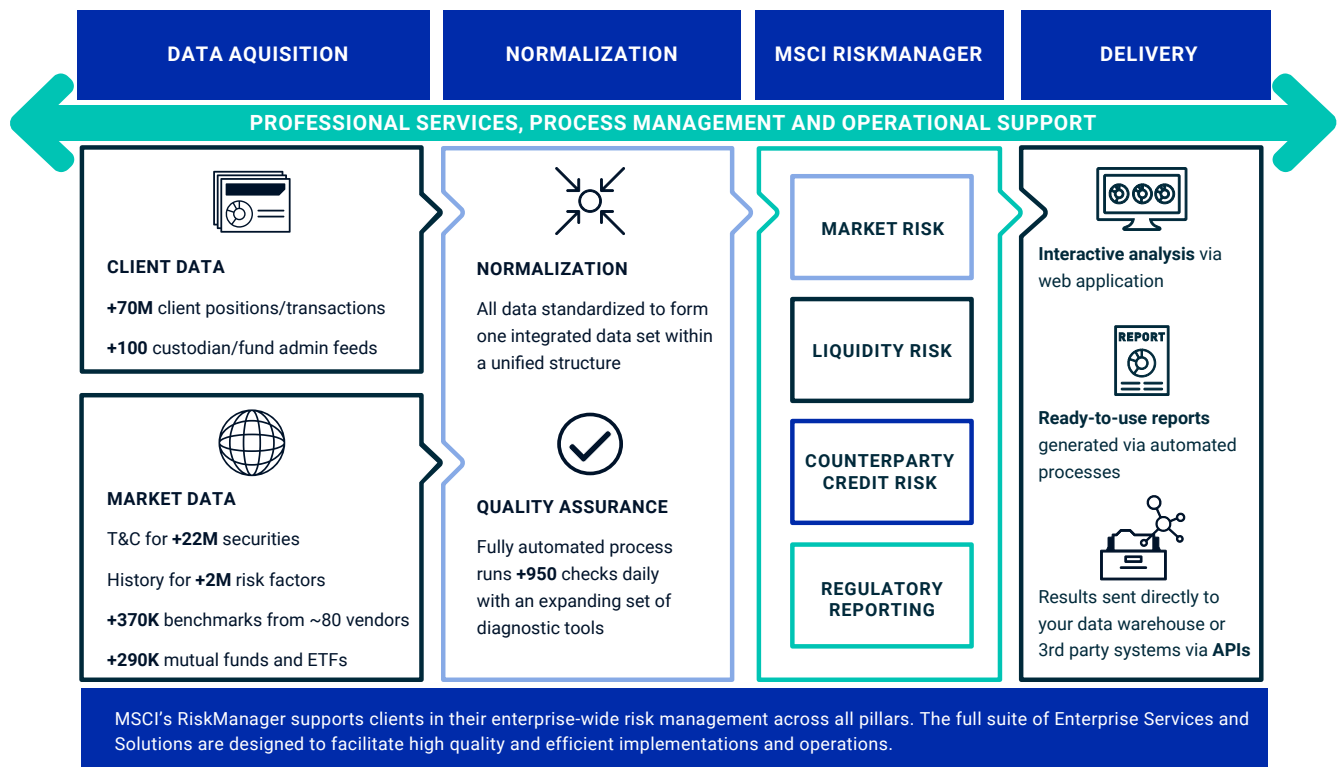


RiskMetrics® RiskManager

Make better informed investment decisions with a multi-asset class, scalable and hosted solution for enterprise-wide risk management

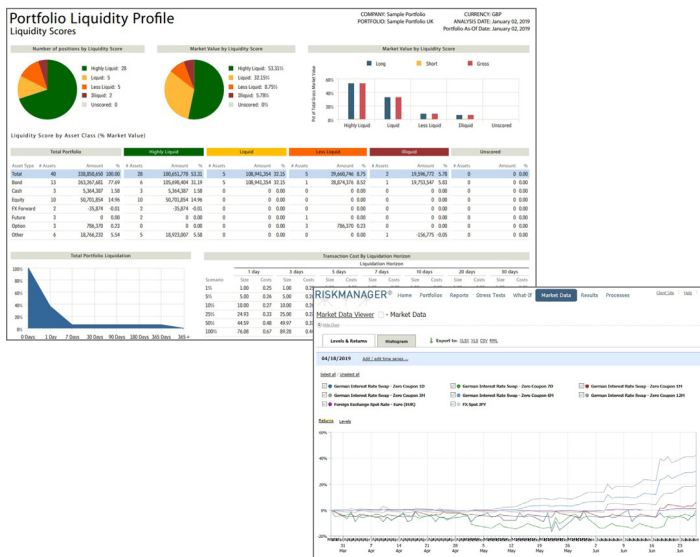
RiskMetrics RiskManager provides risk analytics across a broad range of publicly traded instruments and private assets including Value-at-Risk simulation methodologies, robust stress tests, market exposure and sensitivity analysis. MSCI takes care of data loading, cleaning, normalization and validation from third party sources such as custodians and fund admins, while developing and operating production processes to calculate risk analytics for portfolios. Results are reported via an interactive web application, ready-to-use reports and/ or APIs.



Benefits and features

Extensive suite of risk measures for

- Market risk
 - Parametric, historical simulation and Monte-Carlo Value-at-Risk
 - Market exposure and sensitivities
 - Statistical and financial metrics
- Liquidity risk
 - Liquidation horizon, transaction costs and liquidation amount
- Counterparty credit risk
 - Potential future exposure and expected positive exposure
 - Credit and debit value adjustment



Exceptional stress testing capabilities

- Ready-to-use library of historical events and hypothetical scenarios
- User-defined stress tests combining granular
 - Risk factor stress tests
 - Model parameter stress tests
- Propagate core risk factors shocks to all risk factors relevant to your portfolio

Integrated security master and market data

- Security master covering more than 22 million unique securities across the full spectrum of asset classes
- More than 2 million quality-assured time series

About MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.

To learn more, please visit www.msci.com.

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Constituent-level information for relative and look-through analysis

- 370K benchmarks
- +290K equity and fixed income mutual funds and ETFs

MSCI enterprise services and solutions offer client-specific solutions comprising one or more of the following

- **Professional services**
End-to-end services to support operational needs assessment, design and client onboarding.
- **Data management**
Fully automated process managing 70+ million imported positions with 950+ quality checks
- **Operational support**
Content operations and process management supporting critical business continuity processes

Client service and support

- Support by a highly trained 24x5 client service team working from multiple offices around the world
- Client services professionals to help clients ensure business continuity, provide expertise, and disseminate best practices
- Trained professionals to help clients implement and utilize our products effectively

With an efficient workflow, modeling transparency, and robust reporting tools, RiskManager is used by clients worldwide to help manage risk across asset classes, from holding level to the enterprise level.