Global Research & Risk Solutions





A robust, centralized and regulations-compliant platform for model inventory capture and workflow management for model development, documentation, validation & reporting



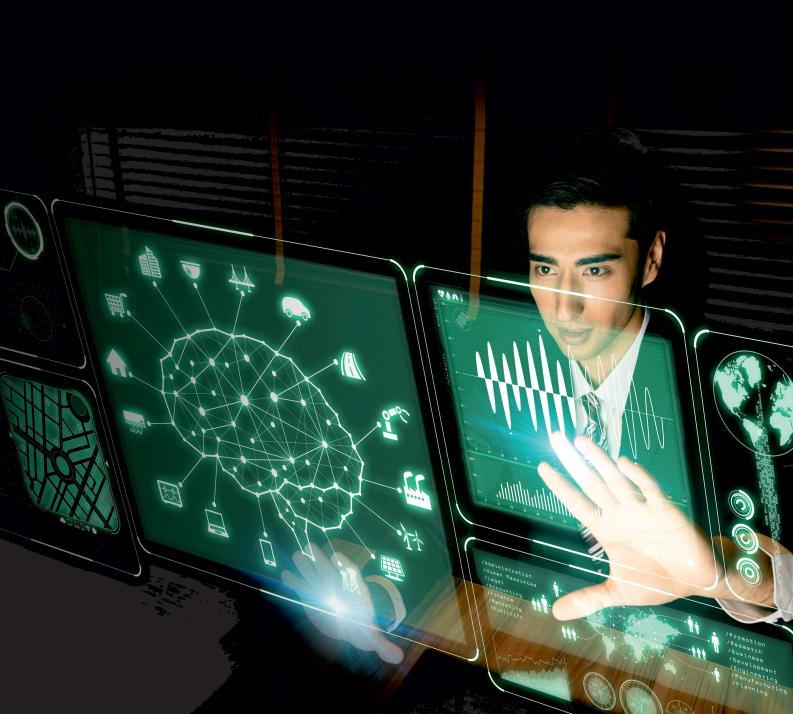




Global Research & Risk Solutions

Centralized Model Activity Tracking >> Powerful Workflow Engine >>

Intelligent Reports & Fragility Identification >>





A model is no longer a piece of computation that transforms inputs. Banks and regulators Across the world agree that it is now the **cornerstone of risk management activity** and the central unit of risk management activity.

With dedicated teams and defined processes to develop, test, validate, and review models, the activity around a model and its documentation has significantly increased, rendering home-grown and static **spreadsheet-based systems ineffective and unmanageable**. Regulators expect detailed audit trails, certified sign-offs on key model assumptions and behavior, and incorporation of model limitations and exceptions in a bank's model management activity.

CRISIL's Model Infinity[™] platform is a solution that comprehensively addresses management and regulatory challenges around model governance and lifecycle practices.

The platform creates a **centralized store of all model activities** and creates a pivotal and customized interface for various teams responsible for a model, including model risk managers, quant development teams, model validation teams, and even auditors.

The solution ensures that model data, documentation and any exceptions are captured within the workflows, and allows enterprise-wide reporting on model inventory and associated processes.

The platform is designed to incorporate guidance from various global regulations including Comprehensive Capital Analysis and Review (CCAR), Solvency II, Targeted Review of Internal Models (TRIM), IFRS 9, IFRS 17, Supervision and Regulation Letter 11-7 (SR 11-7), and Basel III, making it an effective and powerful way of addressing modern model risk needs.

A centralized, customizable inventory of models and model activity is a gateway to a robust, competent and a regulator-ready Model Risk function



Model Infinity[™] Features





Role-based access levels

Customized dashboard highlighting pending work flows

Activity tab that lists history of associated models

Deep searching capabilities

Detailed yet customizable validation workflows capturing the entire model lifecycle

Regulatory-ready captures guidance from global regulatory expectations

Integration with existing processes at banks easily possible through APIs and adaptersmodels

Easy to create additional workflows such as model vetting and verification

User-specific dashboards

Seamless workflows

Database agnostic: based on CRISIL's Fulkrum platform and can be deployed on any database

Hosted within a bank's environment, with identical security policies as per other applications

Login credentials can be linked to bank's SSO authentication

Allows API-accesses for easy integration

Key features and capabilities

trails and records

Audit

Insightful reporting

Customized reports across models and workflows

Allows aggregation of model metrics

Intelligent reports such as model network analysis embedded

Auto-weekly/monthly reports can be set-up

Signoff and checklist features incorporated

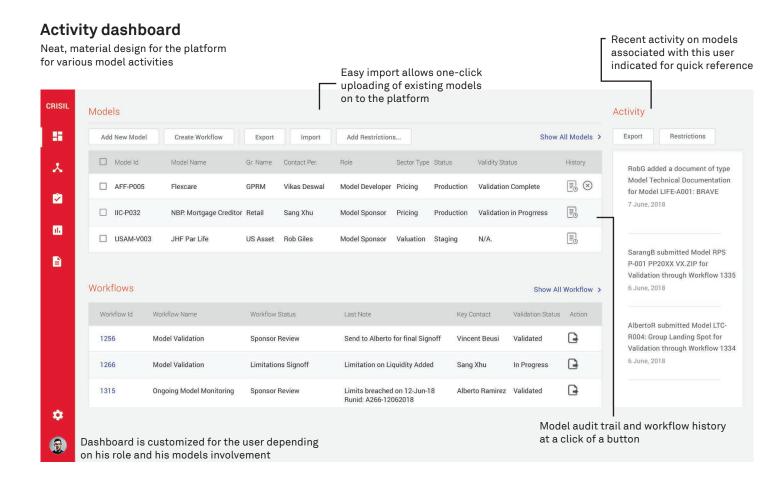
Integrated document management system

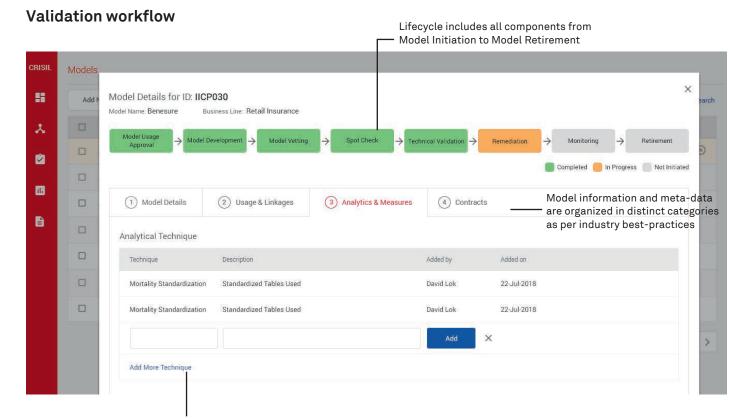
Can be linked to model engines and monitoring systems

Maintains a detailed log of activity across the model lifecycle



Global Research & Risk Solutions

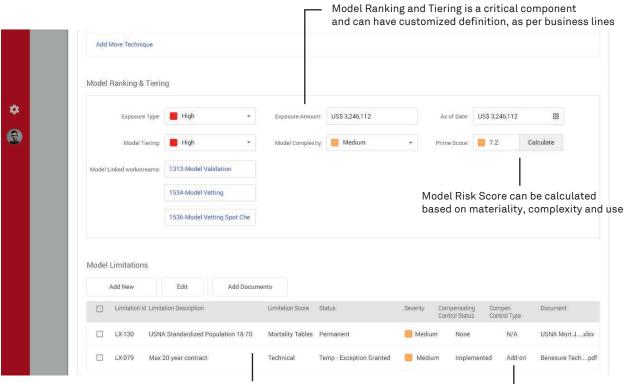




Analytical techniques for pricing models have standardized categorizations, making aggregated reporting streamlined



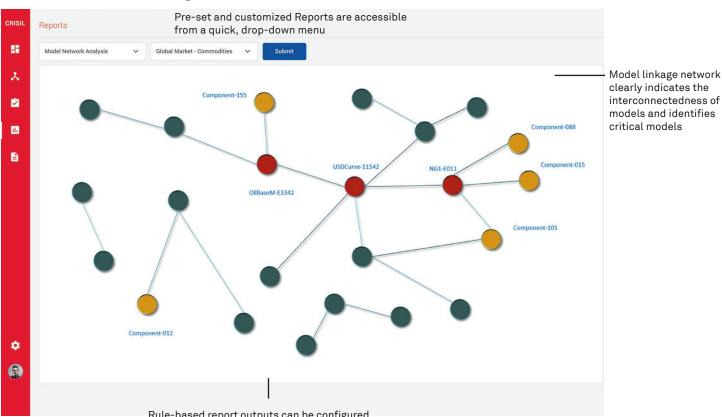
Validation workflow - model ranking and limitations



Limitations are separately managed and have strict classification structures, making aggregated regulatory model risk reporting effective

Limitations and Compensating Controls can be directly linked to Bank's monitoring systems through APIs

Model network and linkages report



Rule-based report outputs can be configured for effective model administration



About CRISIL Global Research & Risk Solutions (GR&RS)

CRISIL GR&RS is a leading provider of high-end research, risk and analytics services. We are the world's largest provider of equity and fixed-income research support to banks and buy-side firms. We are also the foremost provider of end-to-end risk and analytics services that include quantitative support, front and middle office support, and regulatory and business process change management support to trading, risk management, regulatory and CFO functions at world's leading financial institutions. We also provide extensive support to banks in financial crime and compliance analytics. We are leaders in research support, and risk and analytics support, providing it to more than 75 global banks, 50 buy-side firms covering hedge funds, private equity, and asset management firms. Our research support enables coverage of over 3,300 stocks and 3,400 corporates and financial institutions globally. We support more than 15 bank holding companies in their regulatory requirements and submissions. We operate from 7 research centers in Argentina, China, Colombia, India, and Poland, and across several time zones and languages.

About CRISIL

CRISIL is a leading, agile and innovative global analytics company driven by its mission of making markets function better.

It is India's foremost provider of ratings, data, research, analytics and solutions with a strong track record of growth, culture of innovation, and global footprint.

It has delivered independent opinions, actionable insights, and efficient solutions to over 100,000 customers through businesses that operate from India, the United States (US), the United Kingdom (UK), Argentina, Poland, China, Colombia, Hong Kong, Singapore, Australia, Switzerland, Japan and the United Arab Emirates (UAE).

It is majority owned by S&P Global Inc, a leading provider of transparent and independent ratings, benchmarks, analytics and data to the capital and commodity markets worldwide.

CRISIL Privacy Notice

CRISIL respects your privacy. We may use your personal information, such as your name, location, contact number and email id to fulfil your request, service your account and to provide you with additional information from CRISIL. For further information on CRISIL's privacy policy please visit www.crisil.com/privacy

To know more connect with us

Michael Winn Head of Quantitative Services and Risk Solutions michael.winn@crisil.com

Maninder Singh Global Head of Sales and Business Development maninder.singh@crisil.com

For further information regarding our services, please contact







+1 212 438 9806

CRISIL is recognized as a solution category award winner for model validation tools and accelerators in Chartis STORM50 2024 report. CRISIL named Category Leader in Chartis RiskTech Model Risk Management 2024 Quadrant Reports. Click here to know more.





for the third consecutive year



Argentina | Australia | China | Colombia | Hong Kong | India | Japan | Poland | Singapore | Switzerland | UAE | UK | USA CRISIL Limited, Lightbridge IT Park, Saki Vihar Road, Andheri East, Mumbai 400 072, India Phone: +91 22 3342 3000 | Fax: +91 22 3342 3001 | www.crisil.com





