Structured Finance Workstation (SFW) offers cash flow and valuation analytics integrated with high-quality macroeconomic forecasts and credit risk models. You can rely on accurate deal libraries and collateral data, and call on experienced financial engineers for dedicated support.

The Challenge: Efficiently monitor, value and stress test structured finance portfolios

In the current securitization market, making the right decisions is critical. Whether you want to analyze securities to buy/sell, gain insight on future performance of portfolios under multiple scenarios, monitor trends or customize reports, you need a comprehensive data and analytics solution that covers the ABS, RMBS and CMBS markets.

The challenge is to get all the pieces in one streamlined solution that eliminates the need to spend time gathering and verifying performance data or validating deal waterfalls, and lets you focus on analyzing your portfolio and acting on the results.

The Solution: The New Standard in Cashflow Analytics

SFW is a comprehensive and streamlined solution to the challenge powered by Moody's Analytics. It provides structured finance professionals with a robust and flexible platform for performing cash flow analytics and valuation on structured transactions.

Accurate Waterfalls & Loan-Level Data

Extensive deal libraries with accurate & validated waterfalls and loan level data updated on a monthly basis

Integrated Economic & Credit Risk Models

Integrated macroeconomic forecasts from Moody's Analytics Predictive Analytics division and credit risk models from Moody's Investors Service

Industry Leading Analytics

High-performance analytical engine and advanced modeling & reporting tools allow for accurate cash flow projections and valuation analysis

Superior Product Support

Dedicated support from experienced financial engineers who provide training and develop customized solutions

Featuring Integrated Macroeconomic Scenarios, Loan-Level Credit Risk Analytics and Cash flow Engines

» Macroeconomic scenarios: Economic forecasting drives predictions of mortgage loan default, prepayment and loss severity. Moody's Economy.com projects home price movements in specific markets and provides regional forecasts for GDP, unemployment and interest rates under five different scenarios.

» Loan-level credit model: Moody's RMBS credit model analyzes residential loans to estimate default rates, loss given default rates, prepayment rates and other risk measures at the individual loan level for each of five macroeconomic scenarios.

» Data platform: Moody's Analytics maintains one of the world's most comprehensive structured finance data platforms. Each month, loan-level and pool-level data from surveillance reports are subjected to a rigorous validation process by a team of data specialists to ensure the continued integrity of the data set.

» Cash flow waterfall engine: The prepayment, default and severity vectors from the credit model feed directly into SFW, which contains waterfalls for over 10,000 structured finance transactions. The vectors and loan-level performance data are run through the waterfall to generate cash flows and valuations for the entire capital structured and individual tranches.

Multiple delivery channels customized to meet your needs

Desktop Installation	Web Services API	Consulting & Valuation Services
Robust software platform for all your analytical needs	Automate routine tasks, integrate the functionality of the SFW desktop application with your internal systems and build custom macros for Excel	Have Moody's Analytics run SFW and our full suite of tools on your behalf and deliver results in the format, timing and manner you specify

Key Capabilities

» **Flexible Modeling:** Ability to build prepayment, default and interest rate vectors and build custom modeling assumptions. Clients can create and analyze custom portfolios with tranches from multiple deals.

» **Robust Analytics:** Include scalar/vector prepayment, default and loss rates, price/yield tables, sensitivity analysis, first loss calculator, break even analysis, loan specific assumptions, and advanced automation tools.

» **Customizable Waterfall Script:** SFW employs a straightforward approach to cash flow modeling in which all scripts are designed to read similarly to the deal's prospectus. The waterfall is customizable and providers the user with higher level of transparency into the deal's capital structure.

» **Comprehensive Reporting:** Includes customizable cash flow reports, deal summary and profitability reports, bond and collateral cash flow graphs, static pool reporting and stratifications, and investor and servicer reports.

CONTACT US

Moody's Analytics SFW Products and Services Suite

Our SFW Service is one element of a suite of offerings Moody's Analytics offers structured finance market participants.

Forecast cash flows under multiple scenarios

SFW and CDOnet are robust software platforms used to forecast cash flows. Both tools come equipped with a high-performance calculation engine, powerful API, comprehensive deal library, and support from financial engineers. These platforms can help you analyze, monitor, and forecast the performance of more than 12,000 ABS, RMBS, CDO, and CMBS deals. For more sophisticated analysis, our team of financial engineers is ready to build custom macros and reports.

Determine the default probabilities of your securities

CDOEdge, and Commercial Mortgage Metrics (CMM) are software platforms used by Moody's analysts to rate and monitor RMBS, CDO, and CMBS securities. Each tool has an intuitive interface, powerful engine, and comprehensive deal library that can help you structure or monitor structured finance deals.

Monitor the performance of your securities

Moody's Analytics Structured Finance Data Service allows you to keep track of your portfolio's performance. Using the same scrubbed, standardized data that Moody's Investors Service analysts use to rate and monitor deals, you can get a snapshot of performance or examine deeper, historical trends.

Read up on the latest trends in the market

Our research service gives you access to Moody's rating analysts' views on what drives ratings up or down, our forward-looking outlooks, and commentary about the latest industry developments. As a client, you can read Moody's Investors Service research online, contact our analysts, schedule a face-to-face meeting, and participate in client-only events.

Implement best practices in valuation and credit-risk management

Moody's Analytics Risk Management Services is a global advisory group that provides expert knowledge on best practices in credit risk management. Our team provides services including asset valuation, stress testing, portfolio risk analysis, internal ratings system development and implementation, ICAAP, and Basel planning and training.

CONTACT US

CONTACT US

www.moodysanalytics.com/contact-us

Contact Details

Visit us at **moodysanalytics.com** or contact us at a location below.

AMERICAS
+1.212.553.1653
clientservices@moodys.com

EMEA
+44.20.7772.5454
clientservices.emea@moodys.com

ASIA (Excluding Japan)
+852.3551.3077
clientservices.asia@moodys.com

JAPAN
+81.3.5408.4100
clientservices.japan@moodys.com

CONTACT US