Structured Finance Workstation
Structured finance analytics platform

Structured Finance Workstation (SFW) is an integrated platform designed to streamline cash flow analytics, valuation, and portfolio management for ABS, RMBS, CMBS, and other structured finance transactions. Powered by Moody's, it combines loan-level credit risk modeling, macroeconomic scenario forecasting, and a comprehensive deal library with customizable waterfall scripting and advanced reporting capabilities.

Efficiently monitor, value and stress test structured finance portfolios

In today's securitization market, making informed decisions is essential. Whether you aim to analyze securities for buy/sell opportunities, assess portfolio performance under multiple scenarios, monitor trends, or customize reports, you need a comprehensive data and analytics solution that spans the ABS, RMBS, and CMBS markets. SFW integrates all of these capabilities into one seamless platform, streamlining the process by eliminating the inefficiencies of gathering and verifying performance data or validating deal waterfalls.

The new standard in cash flow analytics

SFW is a comprehensive and streamlined solution, powered by Moody's, that allows users to focus on portfolio analysis and take decisive actions with confidence. It provides structured finance professionals with a robust and flexible platform for performing cash flow analytics and valuation on structured transactions.

Accurate Waterfalls and Loan-Level Data

Extensive deal libraries with validated waterfalls and monthly updated loan-level data.

Integrated Economic and Credit Risk Models

Integrated macroeconomic forecasts and credit risk models from Moody's.

Industry leading Analytics

High-performance engine with advanced modeling and reporting for precise cash flow projections and valuation analysis.

Superior Product Support

Dedicated support from expert financial engineers offering training and tailored solutions.

FEATURES

Macroeconomic Scenarios

Moody's Economy.com provides forecasts for home price movements, regional GDP, unemployment, and interest rates across five economic scenarios, driving predictions of mortgage loan defaults, prepayments, and loss severity.

Loan-Level Credit Model

Moody's RMBS credit model analyzes residential loans, estimating default rates, loss given default rates, prepayment rates, and other risk metrics at the individual loan level for each of the five macroeconomic scenarios.

Data Platform

Moody's maintains one of the industry's most comprehensive structured finance data platforms in the industry, undergoing monthly updates with validated loan-level and pool-level data from surveillance reports, ensuring data integrity through a rigorous review process by specialists.

Cash Flow Waterfall Engine

Prepayment, default, and severity vectors generated by the credit model feed directly into SFW, which incorporates waterfalls for over 10,000 structured finance transactions. These inputs, combined with loan-level performance data, enable precise cash flow and valuation analyses across entire capital structures and individual tranches.

MULTIPLE DELIVERY CHANNELS TO MEET CUSTOMER 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 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**: Create prepayment, default, and interest rate vectors, along with custom modeling assumptions. Clients can create and analyze custom portfolios by combining tranches from multiple deals.

→ **Robust Analytics**: Access tools such as scalar/vector prepayment and default rates, loss rates, price/yield tables, sensitivity analysis, first-loss calculators, break-even analysis, loan-specific assumptions, and advanced automation features.

→ **Customizable Waterfall Script**: SFW enables intuitive cash flow modeling, with waterfall scripts designed to mirror deal prospectuses. The customizable structure enhances transparency into a deal's capital structure.

→ **Comprehensive Reporting**: Generate tailored cash flow reports, deal summaries, profitability analyses, bond and collateral graphs, static pool reports, stratifications, and investor and servicer reports.

MOODY'S

MOODY'S SFW PRODUCTS AND SERVICES SUITE

Forecast cash flows across multiple scenarios
- Analyze, monitor, and forecast cash flows for over 12,000 ABS, RMBS, CDO, and CMBS deals
- Leverage high-performance calculation engines, powerful APIs, and extensive deal libraries
- Access expert support from financial engineers for tailored macros and reports

Evaluate Default Probabilities of Securities
- Use CDOEdge and CMM to assess and monitor RMBS, CDO, and CMBS securities
- Leverage intuitive interfaces, robust engines and comprehensive deal libraires
- Streamline structuring and monitoring of structured finance transactions

Track and Monitor Portfolio Performance
- Access Moody's Structured Finance data service to efficiently monitor portfolio performance using validated data trusted by Moody's Ratings analysts
- View real-time performance snapshots for quick assessment or analyze historical trends for deeper insights

Stay Updated on Market Trends
- Gain Moody's Ratings analyst expert insights into ratings drivers, forward-looking outlooks, and industry developments
- Access online research, engage with analysts, attend exclusive events, and schedule in-depth discussions

Enhance Valuation and Credit Risk Management Practices
- Leverage advisory expertise in asset valuation, stress testing, portfolio analysis, and internal ratings systems
- Implement ICAAP frameworks, Basel compliance strategies, and customized training programs

The Structured Finance Workstation empowers users to efficiently analyze, monitor, and forecast structured finance portfolios under multiple economic scenarios, enabling data-driven decision-making and improved performance insights.

MOODY'S

CONTACT US

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