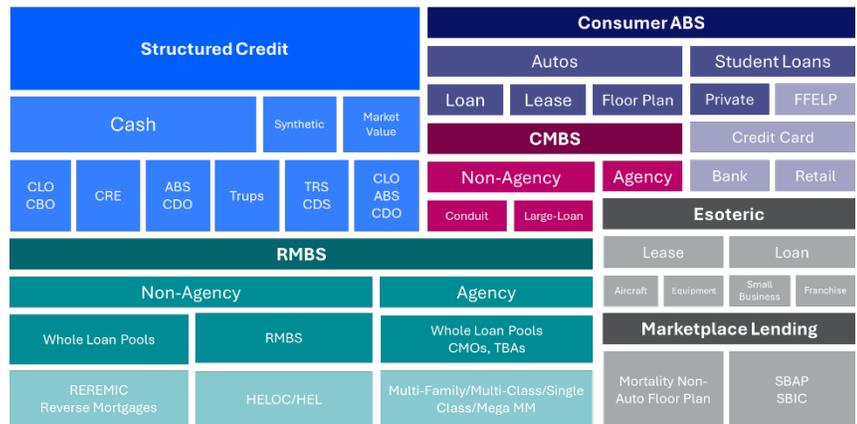# Structured Finance API

Structured finance application programming interface

Moody's offers an end-to-end structured content solution through our cutting edge local and RESTful APIs delivering access to credit and cash flow models, economic assumptions, and interest rate models via flexible contracting options. Our APIs integrate with other Moody's products ImpairmentStudio, Axis, RiskFrontier and RiskConfidence.

Access Moody's deal model libraries for comprehensive global coverage of the structured finance universe

→ Moody's cash flow and credit models provide comprehensive coverage of global capital markets across all major asset classes, including agency and non-agency RMBS, ABS, CMBS, CDOs, and esoteric structured products.

→ Moody's extensive deal library continuously expands through collaboration with partners and clients, enabling the addition of new models prior to or at issuance.

→ Moody's ensures timely bond and collateral updates by working closely with trustees, servicers, issuers, and other data sources.
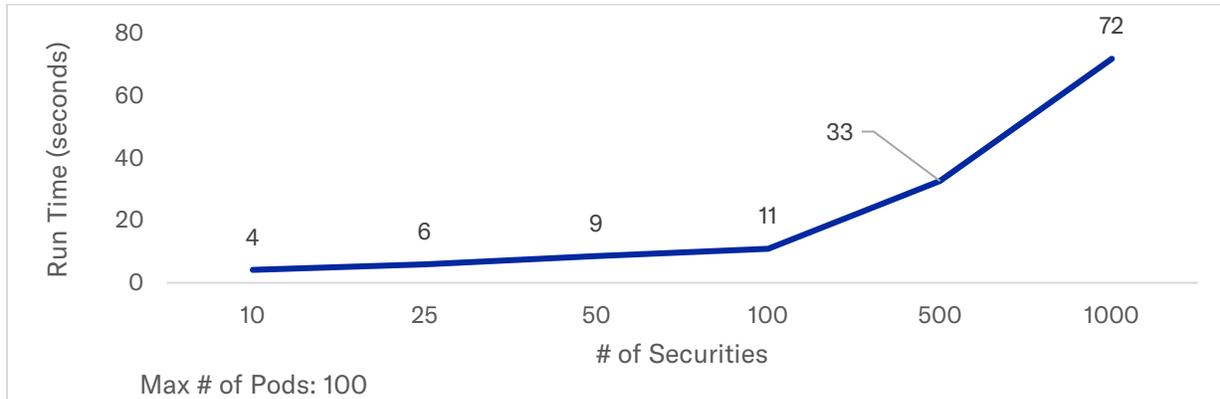

Comprehensive solutions, robust analytics and third-party integrations

Cashflow Models and Analytics

Proprietary and complete database of waterfall models covering global structured finance markets (public and private). Calculation engines that deliver credit, market and regulatory metrics.

Credit Models & Economic Scenarios

Macroeconomic scenarios fuel global credit models that produce default, severity & prepayments at the loan or pool level.

Public Data and Documents

30-year history of loan and pool performance data, enhanced with proprietary and third-party content. Access to trustee reports, notices, offering memorandums and research.

Private Data Automation

Data extraction, normalization and validation of performance data for private deals. Dashboarding of homogenous asset classes.

Compliance and reporting

Generate reports from client's internal data systems for redistribution. Seamless access to performance of assets under deal documents rules or ad-hoc allowing for portfolio optimization.

Flexible Implementation

Tailored solutions for any portfolio size and asset class type for faster execution and operational efficiency. Industry expert led implementation projects.

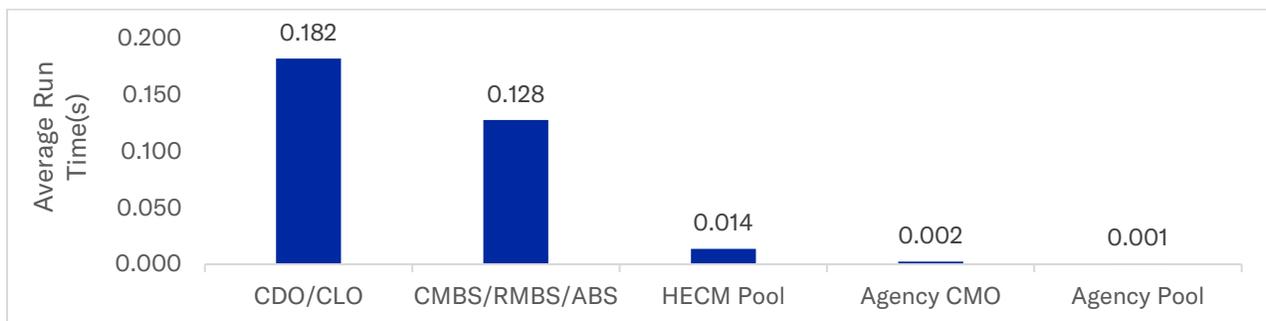# SECURE CROSS-PLATFORM SOLUTION WITH HOSTED AND LOCAL OFFERINGS

RESTful API: Cash Flow Services

Our RESTful API product offers cloud-hosted services for structured finance cash flow and pricing computations across all asset classes. By seamlessly integrating Moody's comprehensive waterfall models with advanced technology, we ensure rapid delivery and analytics.

Local Library: MA SF API

Our local API integrations support both Windows and Linux, accounting for growth in multi-server environments and secure deployment in production ("on-prem"). The API supports multi-threaded deal analytics and stochastic simulations, and it can be configured to perform analytics using loan-level data or to optimize performance by leveraging rep-lines or aggregate pools.

The SF API delivers a powerful solution for structured finance professionals, enabling seamless integration of Moody's economic, credit, and cash flow models into multi-server environments.

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