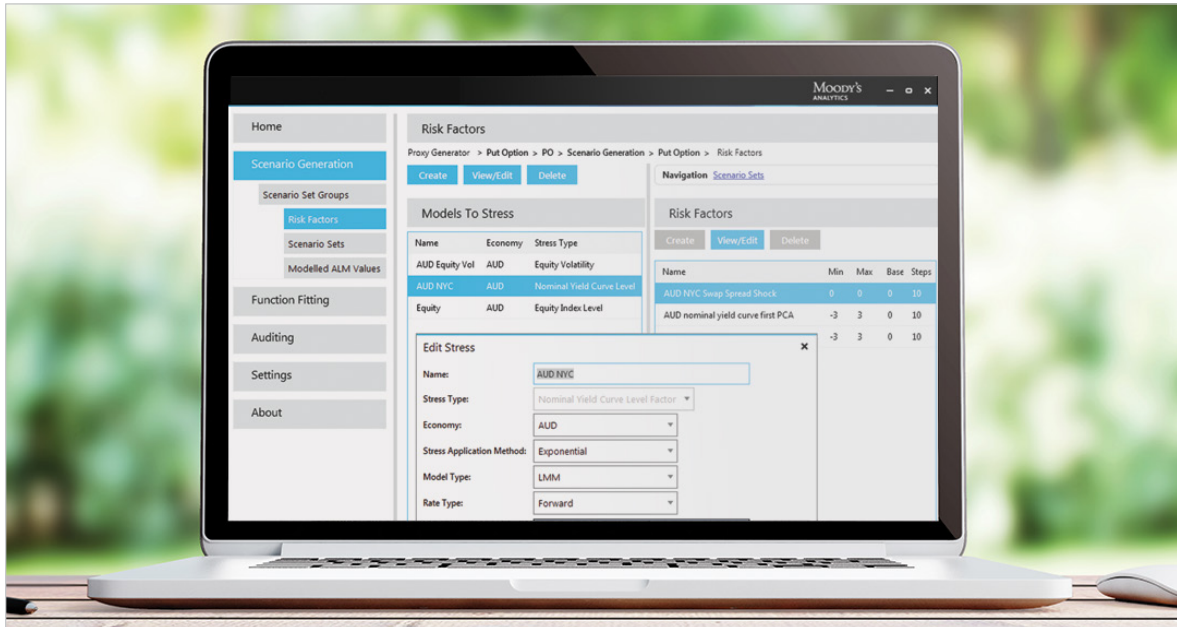


The RiskIntegrity Proxy Generator is an enterprise solution that calibrates proxy functions to model metrics such as asset and liability values. This reduces an insurer's reliance on full asset liability management (ALM) cash flow models for applications such as interim valuation, capital calculations, or hedge effectiveness.

### Calibrate proxy functions using curve fitting or Least Squares Monte Carlo approaches

- » Calibrate proxy functions (e.g., asset and liability values) for a range of uses, including capital calculation and supporting calibrations of both t=0 and multi-year proxy functions.
- » Supports both curve fitting and Least Squares Monte Carlo approaches, including both market and non-market risk factors.
- » Produces the real-world fitting points and associated inner scenarios to feed into ALM systems.

- » Fits the proxy functions, using a wide range of regression algorithms that link the real-world fitting points and the results from the ALM system.
- » Access an enterprise-level software solution that uses a centralized database and service-oriented architecture to support large-scale, multi-user deployments.



Set up proxy generation of risk factor stress.

## Efficiently produce large numbers of proxy functions, even for complex portfolios

- » Produce proxy functions that provide a very good fit for even the most complex books of liabilities.
- » Support the generation of hundreds of proxy functions to meet production timetables, using a range of configurable fitting algorithms and statistical parameters.
- » Provides integrated Economic Scenario Generator for generation of both outer real-world and associated inner-market-consistent fitting scenarios in formats for a range of third-party ALM engines.
- » Rely on a high-performance and scalable architecture that makes efficient use of computational resources for both scenario generation and function fitting.
- » Gain an enterprise technology platform, allowing for quick and easy integration with existing business solutions.

Produce a range of validation outputs and reports automatically as part of the scenario

generation and function-fitting processes to support senior management proxy function signoff. All processes are fully auditable, with detailed audit logging and data locking.



## CONTACT US

Find out more information about Moody's Analytics award winning products and solutions.

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