

# ReMetrica

*Aon Benfield Analytics*



ReMetrica<sup>®</sup> is Aon Benfield's award-winning dynamic financial analysis (DFA) modeling tool for enterprise risk management and economic capital modeling. It is the preferred choice by many of the world's leading insurance and reinsurance companies and actuarial consulting firms. ReMetrica is the tool clients need to make informed, strategic business decisions. Its powerful modeling capabilities enable clients to test a range of different strategies and scenarios for a variety of applications.

## The ReMetrica Advantage

**Ease of use.** Most users are able to build/customize models and run simulations with a few hours of training. The use of ReMetrica software is facilitated by the:

- Visual drag and drop interface and the largest library of pre-built insurance, reinsurance and statistical components
- Intuitive nature of the software and the “best in class” interface with Microsoft Excel and incorporation of “Excel like” formulas and features
- Extensive built-in Help features complete with tutorials, sample models and comprehensive descriptions of how to use every component

**Complete flexibility.** Capital models are not “one size fits all”. With ReMetrica, users are not locked into modeling approaches that don't accurately reflect their organizations. Also, most insurance organizations are not static. Therefore, capital models need to be updated periodically to reflect changes in the organization. With ReMetrica, any part of the model can be easily changed at any time. There are no limitations.

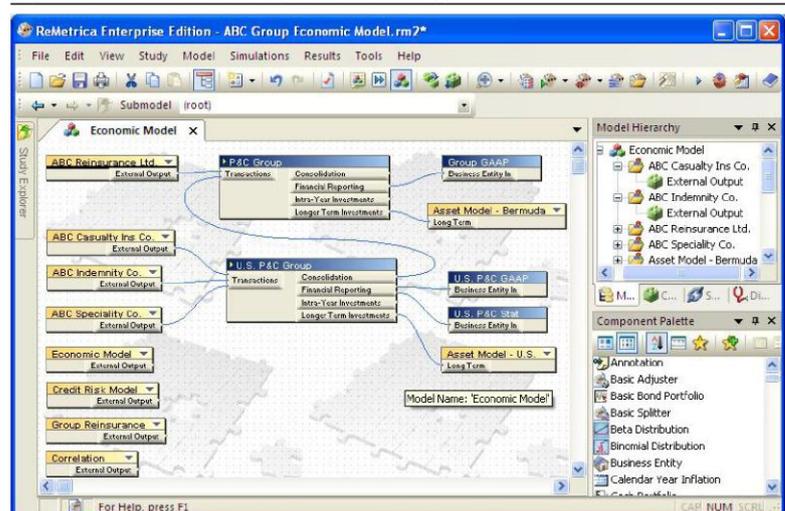
**Transparency.** With ReMetrica, users are able to drill into any part of the model and directly view and understand the results. Comprehensive documentation allows users to understand every calculation and how every component operates. Built-in diagnostic tools allow users to easily review scenarios producing extreme results.

**Simulation speed.** With ReMetrica, organizations can save hundreds of hours of computing time by using one of the fastest and most efficiently designed softwares available. Large and complex models run efficiently on a simple laptop. Simulation speed can also be enhanced by running the simulations over a network of computers.

## The Complete Modeling Tool

- Capital Allocation & Adequacy
- ERM Risk Quantification & Analysis
- Reinsurance Strategy
- Capital Markets Transactions
- Asset & Liability Management
- Portfolio Aggregation
- Product Pricing & Planning
- Corporate Structure Analysis, Mergers & Acquisitions
- Catastrophe Model Blending

Top Level View of ABC Group's Economic Capital Model



## ReMetrica Capabilities and Key Features

### Building / Customizing

- Template Economic Capital Models provided
- More than 100 customized modeling components
- Full integration with Microsoft Excel
- Easily incorporates catastrophe modeling results
- Aggregates data from other models (life, investments, reserving)

### Modeling

- Rapid and high performance
- Deterministic and stochastic modeling
- Multi-year models
- Multi-user capability
- Includes over 25 statistical distributions and copulas for modeling correlations and dependencies

### Asset / Investment Risk Modeling

- All major asset/investment classes
- Investment/liquidation strategies can be defined independently for every asset class
- Supports Economic Scenario Generators (ESG) or ESG output
- Ability to incorporate management decisions based on investment results

### Outputs

- Multi-year financial statements (income statements, balance sheets, key metrics)
- Supports multiple accounting standards (GAAP, STAT and IFRS)
- Capital allocation and capital adequacy measures
- Underwriting year and calendar year results from the same model
- ERM reporting (Risk profiles, risk and return analyses etc.)
- All modeled data can be exported to Microsoft Excel

### Other Features

- “Best in class” for modeling underwriting risk and reinsurance
- Advanced approaches to credit risk modeling
- Supports operational risk modeling
- “What-if” feature facilitates testing and auditing

Find out how to achieve Risk and Capital Modeling Independence

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### About Aon Benfield

As the industry leader in treaty, facultative and capital markets, Aon Benfield is redefining the role of the reinsurance intermediary and capital advisor. Through our unmatched talent and industry-leading proprietary tools and products, we help our clients to redefine themselves and their success. As a trusted advocate, we provide local reach to the world's markets, an unparalleled investment of \$100+ million per year in innovative analytics, including catastrophe management, actuarial, and rating agency advisory, and the right professionals to advise clients in making the optimal capital choice for their business. With an international network of more than 450 dedicated analytics experts, our worldwide client base is able to access the broadest portfolio of integrated capital solutions and services.