

Aon Benfield, leaders in analytics innovation.

# ReMetrica<sup>®</sup>

## Professional Edition

- For ERM and Capital Modeling Professionals
- Informed Risk Analysis — Fast

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[www.benfieldremetrics.com](http://www.benfieldremetrics.com)

# The Complete Modeling Tool

ReMetrica Professional Edition is the award-winning Dynamic Financial Analysis modeling tool for ERM and economic capital modeling and the preferred choice by many of the world's leading insurance and reinsurance companies, and actuarial consulting firms.

Sophisticated in its design, elegant in its simplicity, ReMetrica is the tool you need to make informed, strategic business decisions. Its powerful modeling capabilities enable you to test a range of different strategies and scenarios for a variety of applications.

## Enterprise Risk Management/ Economic Capital Modeling

- Quantifying and correlating risk
- Testing risk appetite and mitigation strategies

## Capital Management Strategy

- Capital adequacy and allocation
- Measuring returns on capital and the associated cost

## Capital Markets

- Evaluating transactions (cat bonds, sidecars, etc.)

## Reinsurance Strategy

- Optimizing structure, technical pricing, and internal cost allocation

## Asset & Liability Management

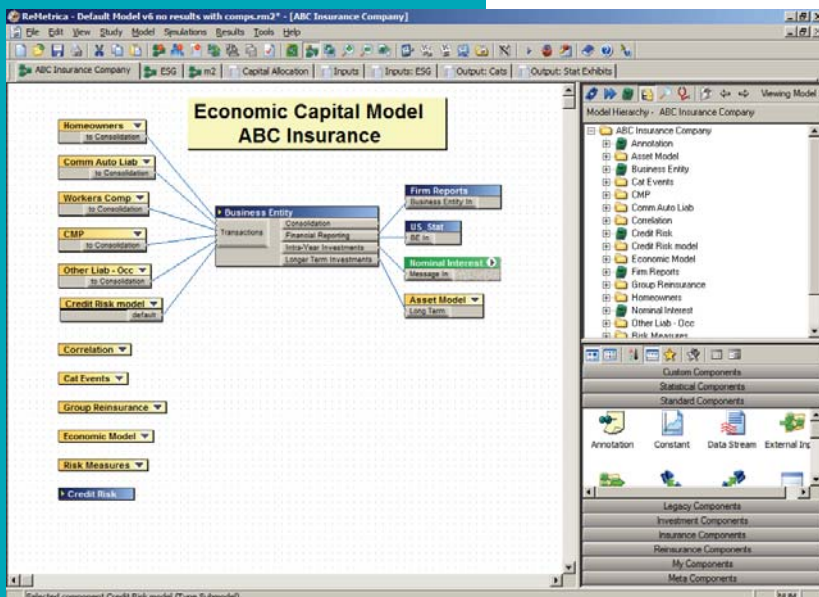
## Strategic Business Mix

- Calculating portfolio effects, diversification benefits

## Product Pricing & Planning

- Entering a new line or territory
- Managing the business cycle

## Corporate Structure Analysis, Mergers & Acquisitions



## Ease of Use

Users do not need to be programmers to use ReMetrica. Its unique visual drag and drop interface and extensive library of pre-developed insurance, reinsurance, and statistical components allows you to rapidly build complex models without time-consuming and costly programming.

# ReMetrica is a Risk Modeling Framework/ DFA Tool for Strategic Decision Making

ReMetrica's stochastic and scenario-based simulation engine enables you to analyze the whole spectrum of risk – whether at business unit, line of business, company, or group level. Designed by insurance industry experts, ReMetrica's strength is its versatility and speed, rapidly creating complex models for any specific business need.



## Key Features

### Building

- Over 95 "out of the box" modeling components
- Full integration with Microsoft Excel
- Incorporates third-party catastrophe results
- Ability to interface with mainframe systems
- Aggregates data from other models (life, investments, reserving)

### Modeling

- High performance – fast!
- Deterministic and stochastic modeling
- Multi-year models
- Unlimited model size
- Multi-user capability
- Distributed processing (improves simulation speed)

### Risk Mitigation Techniques

- Traditional reinsurance products
- Insurance-linked securities, catastrophe bonds, industry loss warranties
- Hedging techniques, swaps
- Basis risk analysis
- Contingent capital
- Sidecars

### Assets

- Cash, bonds, equities
- Options and swaps
- Catastrophe bonds
- Real estate and mortgage-backed securities
- Dynamic investment strategies
- Supports economic scenario generators

### Outputs

- US statutory income statement and balance sheet
- Statement of cash flows
- GAAP financials
- Capital allocation – supports all common measures
- BCAR simulation
- Efficient frontiers
- Risk profile reporting
- All modeled data can be exported into Microsoft Excel

### Validation & Controls

- Visual/graphic model structure – not a "black box"
- All calculations are reviewable
- User and department controls may be established
- "What if" feature facilitates testing/auditing
- Diagnostic tools

# Helping to Determine the Optimal Balance of Risk and Return

More than just a modeling framework, ReMetrica provides a comprehensive and advanced library of business components, enabling you to easily analyze every aspect of risk within your organization.

- Market risk
- Credit risk
- Underwriting risk
- Operational risk
- Strategic risk

## Aon Benfield Modeling Support Services

The value of ReMetrica is enhanced by the training and comprehensive support offered by Benfield experts.

- Full or scaled assistance with model building — we can provide a template model as a starting point
- Interactive discussions, recommendations, and demonstrations on model building approaches
- Continuous transfer of modeling intelligence — goal is to allow all licensees to be independent
- Training manual, software Help features, case studies, and template models
- User conferences and user support website with new components

### Further Information

To request a demonstration of ReMetrica, please contact:

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