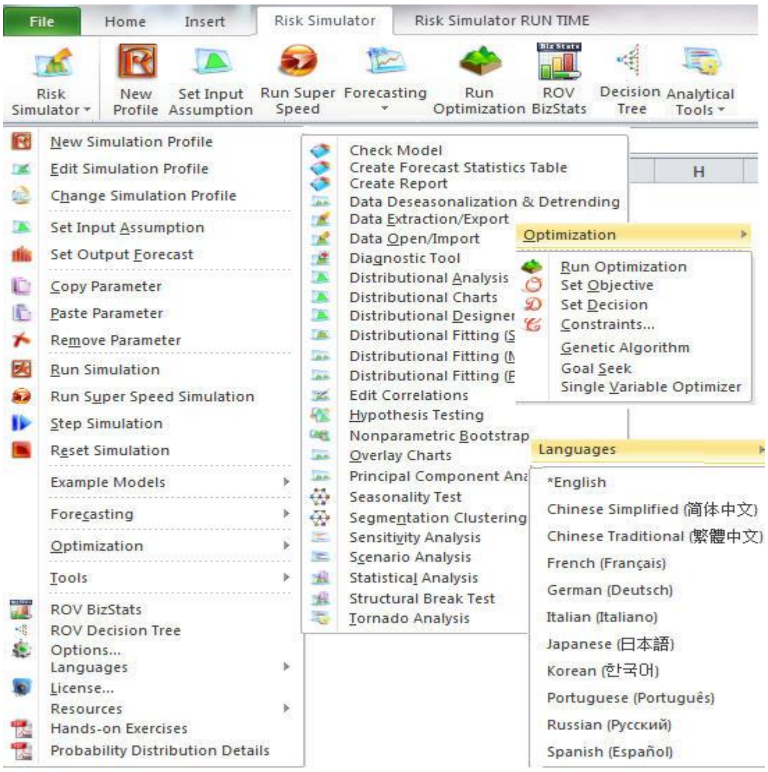
Risk Simulator

Risk Management

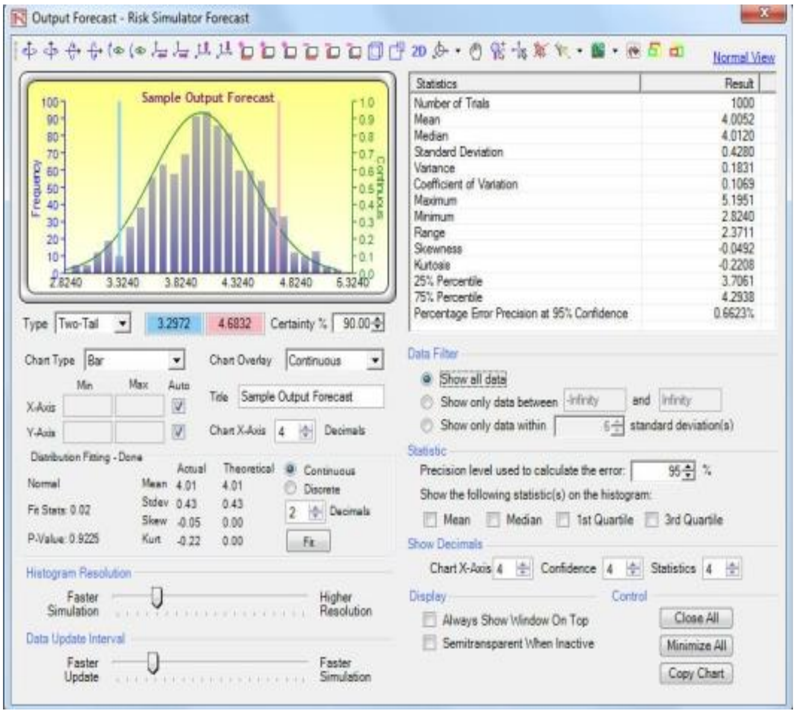
Clever Thinking®

It is an advanced risk management software to help decision makers, scholar and practitioners to understand what risk is, and to identify, quantify, and value risk in your projects and decisions. “Let alone quantifying risk”. Indeed, you can understand how to make critical business decisions harmonising risks and returns. Risk simulator performs in the same software environment **Monte Carlo simulations, Uncertainty and Sensitivity Analysis, Data Science, Decision Trees, Advanced Optimizations, Econometric and Forecasting Analysis, and Portfolio Management,** generating thousands of scenarios and simulations.



RISK SIMULATOR is a powerful **Excel add-in software** used for applying simulation, forecasting, statistical analysis, and optimisation in your existing Excel spreadsheet models. The software was developed specifically to be incredibly easy to use. For instance, running a risk simulation is as simple as 1-2-3, set an input, set an output, and run. Performing forecasting can be as simple as two or three mouse clicks away, and the software does everything for you automatically, complete with detailed reports, powerful charts and numerical results.

With the new version, you will find 12 languages (e.g., English, Portuguese, Spanish, Chinese, German, and so forth). **RISK SIMULATOR** encapsulates these advanced risk modelling and methodologies into a simple and user-friendly tool.



RISK SIMULATOR is also integrated with our other software including the Real Options Super Lattice Solver, Project Economics Analysis Tool (PEAT), Employee Stock Options Valuation Toolkit, Modelling Toolkit (over 800 Functions and 300 Models), ROV Modeller, ROV Optimizer, ROV Valuator, ROV Basel II and III Modeller, ROV Compiler, ROV Extractor and Evaluator, and ROV Dashboard. Please visit our website www.oslriskmanagement.com for more details.

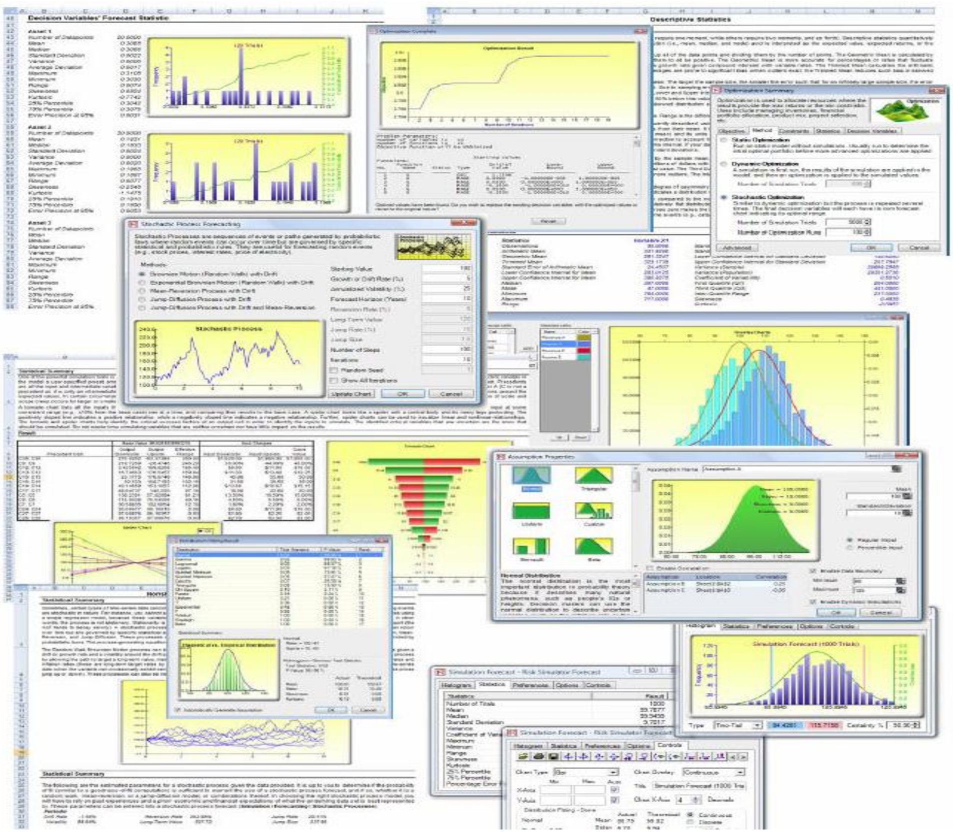
INDUSTRIES

Financial and insurance, Oil and Gas, Electricity, Construction, Agriculture, Manufacturing, Mining, Consulting and professional services, Health Management, Aerospace, Technology and Telecommunications, Logistics, Transportation and Storage, Education and research, Public Administration and Defence, Real Estate, Utilities, Food Services, among others.

TRIAL AND ACADEMIC VERSIONS

Please email support@oslriskmanagment.com to send you a 15-day trial license of **RISK SIMULATOR** or download it at http://www.oslriskmanagement.com/software/risk-simulator. Our philosophy is you get to try before you buy. It will become an indispensable part of your modelling toolbox because of its simplicity and modelling power. We also have academic licenses for scholars and students. Contact info@oslriskmanagement.com for further details or particular requirements.

GENERAL SPECIFICATIONS



Monte Carlo Simulations

50 Probability Distributions with an easy-to-use interface, running Super Speed Simulations (thousands of trials in a few seconds) with Comprehensive Statistics and Reporting capabilities, Distributional Correlations with Copulas (Normal, T, Quasi-Normal), Various Random Number Generators, Truncation, Alternate Parameters, Linking capabilities, Multidimensional Simulations, and so forth.

Analytical Tools

Bootstrapping, Cluster Segmentation, Comprehensive Reports, Data Extraction, Data Import, Detailed Data Diagnostics (heteroscedasticity, autocorrelation, Multicollinearity, outliers, and much more), Distributional Fitting, Distributional Exact Probabilities (PDF, CDF, ICDF), Hypothesis Testing, Dynamic Sensitivity Analysis, Scenario Analysis, Tornado and Spider Charts, Seasonality Test, Structural Break, Segmentation Clustering, Cyclicality Detrending, ROV BizStats (160 business statistical models), ROV Decision Trees (Bayes' analysis, risk simulation on decision trees, sensitivity and scenario analysis, utility functions), and much more!

Forecasting

Box-Jenkins ARIMA, Auto ARIMA, Basic Econometrics, Auto Econometrics, Cubic Spline, Customized Distributions, GARCH Volatility, J-Curve, S-Curve, Markov Chains, Limited Dependent Variables (Logit, Probit, Tobit), Multiple Regression, Nonlinear Extrapolation, Stochastic Processes, Time-Series Decomposition, Trendlines and more!

Business Statistics & Intelligence

Applied business statistics, general statistics, analytics, hypothesis tests, regressions, econometric modelling, risk analytics, and over 160 models with easy to use detailed reports in a standalone software with super-fast computations

Optimization

Static, Dynamic and Stochastic Optimisation with Continuous, Discrete and Integer Decision Variables, Efficient Frontier Analysis, Linear and Nonlinear Optimization with complete control over the advanced algorithm types and precision levels

SUPPORT MATERIALS

- 20+ books on risk analysis, simulation, forecasting, optimization, and real options written by the software's creators
- Training DVDs on risk analysis (simulation, forecasting, optimization, real options, and applied business statistics)
- Live training and certification courses on general risk management, simulation, forecasting, optimization, and real options
- Detailed user manual, help file, and an extensive library of example files
- Live project consultants with advanced degrees and years of consulting and industry experience
- For further details, getting started videos, and cases studies visit www.oslriskmanagement.com or for a quote please email suport@oslriskmanagement.com

SYSTEM REQUIREMENTS

- Windows 7, 8, or 10 (32 and 64 bits) -
- Excel 2010, 2013, or 2016 (32 and 64 bit)
- Microsoft .NET 2.0, 3.0, 3.5 or later
- 650MB Hard Drive space
- Administrative Rights to install software
- MAC OS users can run the software as long as they have Bootcamp, Virtual Machine, or Parallels

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Real Options Valuation Inc.