What’s New in @RISK 8

A New Generation in Risk Analysis

@RISK 8 is a major upgrade that represents the culmination of feedback from thousands of users. We focused on what is most important to you, based on the analyses you do every day. Furthermore, @RISK 8 has been rebuilt on the latest programming technology from the ground up. This forward-looking foundation ensures that @RISK will continue to provide the most reliable, accurate, and robust quantitative risk analysis available anywhere for years to come.

But make no mistake: while @RISK 8 is better, faster, and stronger than ever, it is still as easy to use as 1-2-3. The three basic steps to using @RISK still apply: Model. Simulate. Understand. This guide will walk you through some highlights to that simple process, and to @RISK as a whole.

Fresh New Look, Streamlined Workflows

Modern, Redesigned, Intuitive Interface
This exciting new version has been redesigned based on significant user input. As a result, the interface is now more intuitive for both new and experienced practitioners alike, reducing learning curves and the time it takes to perform analyses. From an all-new command Ribbon to fresh dialog layouts, @RISK 8 offers a thoroughly modern look and feel throughout the entire application.

- New Ribbon features consolidation of like commands and modern split buttons
- Modern, refreshed windows
- More intuitive for both new and experienced practitioners alike
- Common steps and features are more accessible and require fewer clicks
- Reduce learning curves for new users
- Reduce the time it takes to perform analyses for all users
- A modern, expanded color palette for graphs, reports, and dialogs that support colors

The new @RISK 8 Ribbon in Excel is more logically organized with a refreshed look.
Save Clicks with the New Welcome Screen
The updated @RISK Welcome screen contains a list of recently simulated workbooks, making it easy for users to pick up where they left off. It also contains quick links to helpful support and resources within the software and on the web.

The new @RISK Welcome Screen lets you pick up right where you left off.
The @RISK Model and Results Windows have long been handy places to manage and view all the input variables and simulation results in your model. Both have been redesigned to significantly streamline the display of your model information. Other improvements include:

- Faster editing of your models
- Unlimited display of inputs, outputs, and other functions
- Flexible table configurations
- Export all the contents of both windows to Excel, PDF, or a printer
- New Find feature for quick searches of large models

The new @RISK Model Window stores an unlimited number of inputs and other model components.
The streamlined and more flexible @RISK Results Summary Window lets you configure information how you want to see it.
Faster Performance

Model Creation and Editing
From defining input distributions to correlating variables to identifying output cells, every aspect of model management has been re-engineered for fewer lags and overall more responsive performance. Some examples of faster performance include:

- Defining distributions
- Toggling between multiple distributions
- Overlaying distributions
- Deleting distributions
- Adding/deleting outputs
- Defining correlations
- Creating repeated correlations
- Fitting time series distributions
- And more

Results Analysis and Reporting
Likewise, from analysis of simulation data to the generation or reports to share with others, everything to do with results analysis has been significantly sped up. In addition, you have greater control than ever, with more progress bars and ways to cancel long operations. Some examples of faster performance include:

- Generating simulation reports in Excel – up to 10x faster than before
- Overlaying results graphs
- Generating graphs of multiple simulation runs
- Generation and management of scenario and sensitivity data
- And more
Model: Setup Just Got Easier

Speed Model Setup with All-New Distribution Selection and Fitting

The Define Distribution window, the first step in any @RISK analysis, has been overhauled to simplify anything you may need to do when creating or editing @RISK distribution functions to define uncertainty in your models.

- Display multiple views of functions by type or by user-defined favorites
- Create fully customized Predefined Distributions with your own parameters and distribution names
- Property functions are editable directly from the interface
- @RISK’s Distribution Fitting feature includes more data on fitted distributions in reports
- New truncation methods and more

The new and improved Defined Distribution Window streamlines the definition of uncertain variables.
The new @RISK Distribution Selector makes navigating distribution options a breeze.

New Distribution Fit Results report with thumbnail graphs for visual cues to the best distribution.
Improve Model Accuracy with Enhanced Correlations and Copulas
A number of enhancements have been made to the @RISK’s correlations feature, which allows you to define accurate relationships between related input distribution functions, and the copulas feature, which are functions used to model dependency between inputs in financial applications.

- Correlations and copulas now share a common, logical interface
- Create multiple groups of inputs using a single correlation matrix
- Create repeated correlations, or instances, very quickly
- More editing options

Enhanced Modeling of Time Series
@RISK’s Time Series feature allows you to model the uncertainty around variables whose nature is a series of values over time, such as commodities prices. New version 8 adds significant improvements to this key functionality:

- New correlation of time series input functions
- Significantly improved performance in the time series fitting algorithms
- The interface for selecting time series models adds the ability to display models in multiple views
- The algorithm used to auto-detect transformations for achieving stationarity in the fitting process has been improved
- An improved approach for dealing with batch fitting series that have different lengths
Perform Advanced Simulations with the Simulation Split Button
The new Simulation split button menu provides intuitive, one-click access to simulation-related analyses -- Goal Seek, Stress Analysis, and Advanced Sensitivity -- that were previously hard to find.

The new @RISK 8 Simulation split button menu provides logical access to simulation variations.
Understand: More Ways to Interpret and Share Simulation Results

Analysis at a Glance in the Redesigned Browse Results Window
The Browse Results Window has been significantly changed with the goal of simplifying the most common tasks. In addition, new functionality puts sophisticated insights at your fingertips.

- A new overlay manager that allows you much more control of how overlays are displayed
- Display of results in multiple simulations – a common analysis – is significantly improved, including remembering your selection of a particular simulation to view (or overlay all of them) as you click around the spreadsheet to view different inputs or outputs
- Overlays of theoretical inputs has been significantly improved, including the ability to overlay a theoretical distribution function (or multiple theoretical functions) on any graph

The new, streamlined @RISK Browse Results window shows you just what you need.
The new Explore menu contains everything you need to gain insights from your simulation results. Bring up the Browse Results Window, the Results Summary Window, and the Filter Dialog, or, choose from all of the different @RISK result windows.

The new @RISK 8 Explore menu for one-click access to simulation results.
Understand Results Over Time with the New Summary Trend Graph

The new Summary Trend graph in @RISK 8 offers an updated look as well the ability to display a single sample simulation path on top of the trend for any iteration you specify. You can also animate this overlay to see a sequence of sample paths in succession.

The new @RISK Summary Trend graph with animated sample simulation path
You can now create presentation-quality simulation reports for sharing with others much more easily. Use the built-in report templates, or create your own. @RISK 8 includes an entirely new feature set for report generation, simplifying the process, enhancing flexibility, improving the quality, and doing it faster than ever.

- Simplified report generation interface
- Export reports to Excel, PDF, or a printer
- Automatically generate reports at the end of a simulation
- 10x faster than before!

The @RISK Output Report Setup dialog allows you to configure and preview reports.
A PDF result of presentation-quality reports from an @RISK simulation.
More Improvements to Simulation Results

The window improvements have been carried throughout @RISK, including the Statistics, Data, Sensitivity, and Scenarios windows.

- Thumbnail graphs have been added to the Statistics window to give visual cues to the reported statistics
- More flexible sorting of simulation data in the Data window
- Automatic assignment of scenario settings to all outputs in the Scenarios window to save time
- Export all the contents of all windows to Excel, PDF, or a printer

The new @RISK 8 Statistics window, with thumbnail graphs, exporting options, and more
Get Started Fast

Intuitive Learning with All-New Tutorial Examples

@RISK 8 ships with an all-new tutorial in the form of step-by-step example spreadsheets that are designed with ease-of-use and sequential learning in mind. Each example builds on the one before, and all interactively allow you to step through them with point-and-click ease. The new example library has been rewritten by professional consultants to help decision makers get results fast, out of the box.

- Models are succinct and easy to follow
- Start running your own analyses within minutes
- For experienced users, there are tutorial examples to guide you through more advanced features in the same consistent, step-by-step manner
- Previous examples, and many others, are available at www.palisade.com

The all-new tutorial examples in @RISK 8
Resources to Support You, 24/7
A new Resources menu opens the door to a wealth of learning options and references. From Getting Started guides to What’s New documentations, there is something for new and existing users alike. Plus, access to technical support tools is included.

@RISK’s new Resources menu gives you one-click access to guides, technical support, and much more.
Simple, Easy Application Management

Get Notifications and More in the New @RISK Menu on the Ribbon

The new "@RISK" menu on the Ribbon includes important notifications about @RISK as well as allows easier access to manage your @RISK license.

- Notifications provide important messages (such as the availability of updates) without interrupting your work
- Product management allows you to manage your license

The @RISK menu on the @RISK Ribbon in Excel gives you notifications without interrupting your work.

New Preferences Menu Makes Setting Defaults a Snap

@RISK 8 allows you to manage application-wide preferences and settings much more easily than ever. A new Preferences menu on the Ribbon lets you adjust general @RISK settings, common graph defaults (which can be adjusted by individual graph type as well), and color preferences for denoting cells with @RISK functions.

The new @RISK 8 Preferences menu lets you control @RISK defaults with ease.
Built for the Latest Tech Environments

Tighter Excel Integration for More Cohesive Analyses
@RISK 8 takes full advantage of changes made in more recent releases of Excel, while still maintaining backward compatibility with models created in older versions of Excel and @RISK.

- Improved support for Excel’s OneDrive auto-save functionality
- Robust support for a new array functionality added in Excel called dynamic arrays, which allow formulas to return multiple results to a range of cells on the worksheet based on a single formula entered in one cell

Enhanced Display Support
Because @RISK is used so widely for its graphical report and graphs, new version 8 displays these more crisply and effectively in a wide range of configurations, including high DPI settings and multiple monitors. On-screen animations and movements are also smoother.

Ready for the Future

While @RISK 8 is a substantial upgrade in its own right, it also represents the birth of a new platform which will launch an entire generation of risk analysis advances. The new @RISK is technologically poised to take advantage of future improvements in the field of probabilistic analysis as well as in Excel itself. Put simply, this ensures you can trust that @RISK will provide the best possible insights, whatever the future brings.