We are with Palisade for the long haul.

My company is very, very good at engineering leading edge automotive products. Palisade is very, very good at building risk-based models.

Brian Maturi,
Director of Risk Management at BorgWarner

Custom Solutions

Risk Modeling That Fits Your Needs

Businesses in every industry face uncertainty. With Palisade Custom Solutions, you don’t need to be a statistician to plan for risk and uncertainty – you simply need to know your business. Experts from Palisade will work with you to build straightforward solutions that address risk in your industry, letting you focus on making your business the best it can be.

www.palisade.com/solutions
A Fresh Approach to Managing Uncertainty

When you need help approaching uncertainty, Palisade experts can build a solution from the ground up. For those with models or methods already in place, Palisade can re-examine your approach, audit model logic, and optimize your results. From small consultancies to global corporations, Palisade Consulting brings decades of quantitative expertise to your program.

From Best Guesses to Better Forecasting

Traditionally, organizations have evaluated risk events using best guesses for the likelihood of outcomes and the extent of their impacts. Now, more and more companies reach out to Palisade to apply quantitative elements to this process. Palisade’s Custom Solutions team interviews your decision makers and executives, translating qualitative experience into numbers you can use. Our team can also uncover which factors are driving most of your potential hazards, allowing better mitigation planning.

U.S. Army Corp of Engineers (USACE)

PART I

Standardized Safety through Simulation

The U.S. Army Corp of Engineers turned to Palisade Consulting to help incorporate an uncertainty element into dam and levee safety models. Palisade consultants built a tailored @RISK-based application that determines the exposure of each project to loss of life, damage, and structure fragility. The Excel-based model uses @RISK’s Monte Carlo simulation to probabilistically assess potential risk areas.
Select Investment Partners

Portfolio Analysis using Monte Carlo Simulation

Select is an Australia-based investment management group specializing in absolute return multi-asset portfolio implementation. Select needed a tool to support their forward-looking approach to portfolio construction, enabling scenario analysis and stress testing of investment portfolios to help ensure investment objectives are met and capital is preserved during adverse market conditions. Palisade Custom Solutions built a customized interactive model that incorporated @RISK simulation data on the expected behavior of each underlying financial asset, and simulated a portfolio’s expected return and risk profile across different market scenarios.

Custom Development

Standardized Decision-Making That Saves Time

Not everyone who faces uncertainty is a modeler or statistician. Sometimes risk analysis needs to be applied to a core process—like financial portfolio calculation, or oil reserves estimation—in a standardized and reproducible way.

Palisade Custom Development brings technical experts to your department, working with you to build a custom-designed solution that is simple and straightforward. Working with either your existing models or models created with Palisade Consulting Services, our team will tailor the interface, automation, logic, and reporting, all to your needs. Professionals across your organization can then apply the power of risk analysis techniques to their critical processes—without worrying about the sophisticated calculations in the background, and without having to learn new software.

Access Where You Need It

Palisade applications can be built within Excel, as stand-alone Windows-based applications, or as web-based platforms—whatever works best for your organization. Our team employs sophisticated technologies from our @RISK and DecisionTools Suite line of leading Excel-based analytical tools, and also has access to developer libraries for these products that enable more flexible deployment options.

U.S. Army Corp of Engineers

Stepping Up with Custom Development

With the safety models in place, USACE project leaders also wanted an efficient way to ensure all their engineers could implement Monte Carlo simulation into any new project analysis. Palisade Custom Development added a tailor-made interface to the model, allowing engineers throughout the agency to quickly and easily create models, simulations, and reports in an automated, standardized manner. The solution is used today by USACE for all new dam and levee projects.

BorgWarner

Evaluating Financial Feasibility with a Single Click

Global automotive parts maker BorgWarner used Palisade Custom Solutions to implement Monte Carlo simulation into new product development decisions using @RISK. Through a combination of consulting and custom development, Palisade created a system that automatically builds a model with a single click of a button. This interface is used worldwide by BorgWarner’s accountants and financial analysts when evaluating the financial feasibility of potential new products.

Select Investment Partners

Portfolio Analysis using Monte Carlo Simulation

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The World’s Leading Risk and Decision Analysis Software

@RISK® and The DecisionTools Suite

www.palisade.com/risk
www.palisade.com/decisiontools_suite

The DecisionTools Suite is an integrated set of programs for risk analysis and decision making under uncertainty. All Suite programs add in to Microsoft Excel, with @RISK as the cornerstone. @RISK performs risk analysis using Monte Carlo simulation, allowing you to judge which risks are worth taking, and which to avoid.

As a part of the Suite, @RISK works seamlessly with partner programs to allow for powerful analyses and informed decisions:

- **@RISK®**
  - risk analysis using Monte Carlo simulation

- **PrecisionTree®**
  - decision trees in Microsoft Excel

- **TopRank®**
  - automated “what-if” analysis for Excel

- **BigPicture**
  - mind mapping and data exploration for Excel

- **StatTools®**
  - advanced statistical analysis for Excel

- **Evolver™**
  - innovative optimization for spreadsheets

- **NeuralTools®**
  - sophisticated neural networks for Excel

- **RISKOptimizer®**
  - optimization with simulation

Contact Us Today

Bring a Team of Experts to Your Risk Analysis Program

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Palisade Software and Solutions: A Total Package

Palisade offers a complete solution, including both powerful software and custom services.

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