Oracle's Primavera Risk Analysis

Milestone
Project Management Solutions
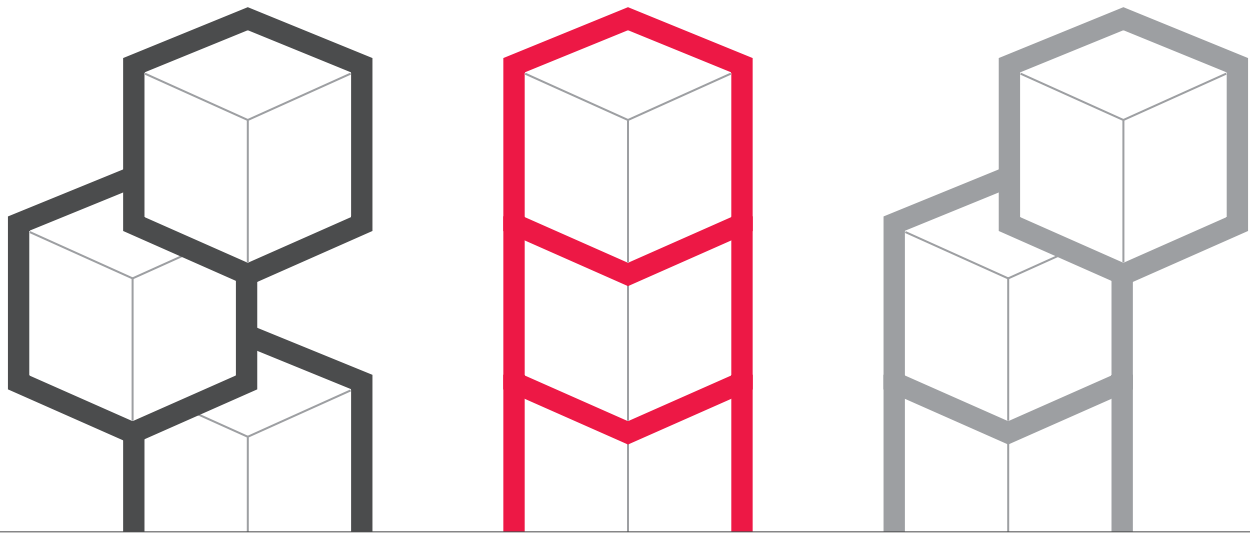
INTRODUCTION

Every project comes with associated risks. Oracle's Primavera Risk Analysis provides the tools for planning for risks, enabling companies to model risks and analyse the cost and schedule impacts of mitigating them, removing much of the uncertainty of project and portfolio management.

ORACLE®
PRIMAVERA

OVERVIEW

▶ Features include Risk Analysis Guide; Schedule Check; Templated Quick Risk; Risk Register Wizard; Risk Register; Risk Analysis

▶ Integrates directly with your project schedules and costs

▶ Comprehensive reporting of project confidence levels

▶ Integrate existing pre-defined risk registers and define and set up new risk registers

▶ Provide techniques for determining contingency and risk response plans

▶ Pinpoint common scheduling mistakes that may lead to misleading scheduling or risk analysis results

▶ Produce risk analysis reports in a range of different formats

▶ Monte Carlo based cost and schedule analytics let you address full lifecycle risk management

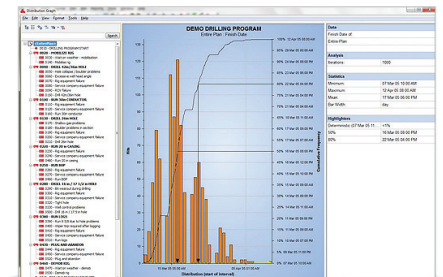▶ Report confidence levels regarding finish dates, costs, float, internal rate of return and net present value

BENEFITS

▶ **Analyse, mitigate and manage risk**
Integrating with both project schedules and cost estimates to model risk and uncertainties gives you a full lifecycle cost and schedule risk analytics solution for Primavera project management applications and Microsoft Project. It provides simple techniques for assessing contingency and risk response as well as a comprehensive method of reporting project confidence levels through risk registers.

▶ **Range of reports to help you identify risk factors**
Using Monte Carlo simulation to analyse risk, Primavera Risk Analysis provides a variety of different reports including: risk histograms, tornados and scatter plots that help you identify risk drivers prior to publishing risk-adjusted schedules (if required) back into the schedule.

▶ **Objective overview enables accurate assessment**
Providing an objective overview of required contingencies and analysis of proposed risk response plans helps support decision making over project costs and schedules. Combining required contingencies with an analysis of proposed risk response plans forms the basis of a risk-adjusted schedule.

FEATURES

▶ **Risk Analysis Guide**
Prepare, model and run your risk analysis with this Guide. There are several different steps – schedule validation, development of the risk model, risk analysis and results review that link to the Primavera risk analysis feature.

▶ **Schedule Check**
Evaluate schedule maturity and risk readiness by checking common scheduling problems that can impact schedules. As well as providing a list of activities identified, this check explains the rationale behind each check and the potential impacts on risk analysis.

▶ **Templated Quick Risk**
Using a template approach, assign uncertainty risk distributions to tasks based on work breakdown structure (WBS). This advanced way of assessing quick risk makes it easy to model task uncertainty.

▶ **Risk Register**
Integrate pre-developed risk registers as well as define new ones through the risk register feature. You can produce both qualitative and quantitative models of positive and negative risk events and associated response plans.

▶ **Risk Register Wizard**
Create new risk registers, define risk scoring criteria, enter qualitative risk assessments and map risks to scheduled activities.

▶ **Risk Analysis**
Using Monte Carlo based cost and schedule analytics will help you develop the following types of risk models: estimate uncertainty, task existence, probabilistic branching, fixed-cost uncertainty, variable-cost uncertainty, resource uncertainty, conditional branching, and weather modelling. Risk analyses can be made at both project and portfolio levels.

▶ **Flexible reporting**
View risk assessments in a variety of formats: Distribution Graph, Tornado Graph, Scatter Plot, Distribution Analyser, Probabilistic Cash Flow, and Summary Risk Report.

Screenshot

FIND OUT MORE
Contact one of our expert advisors today to see how we can help you.