ORACLE PRIMAVERA
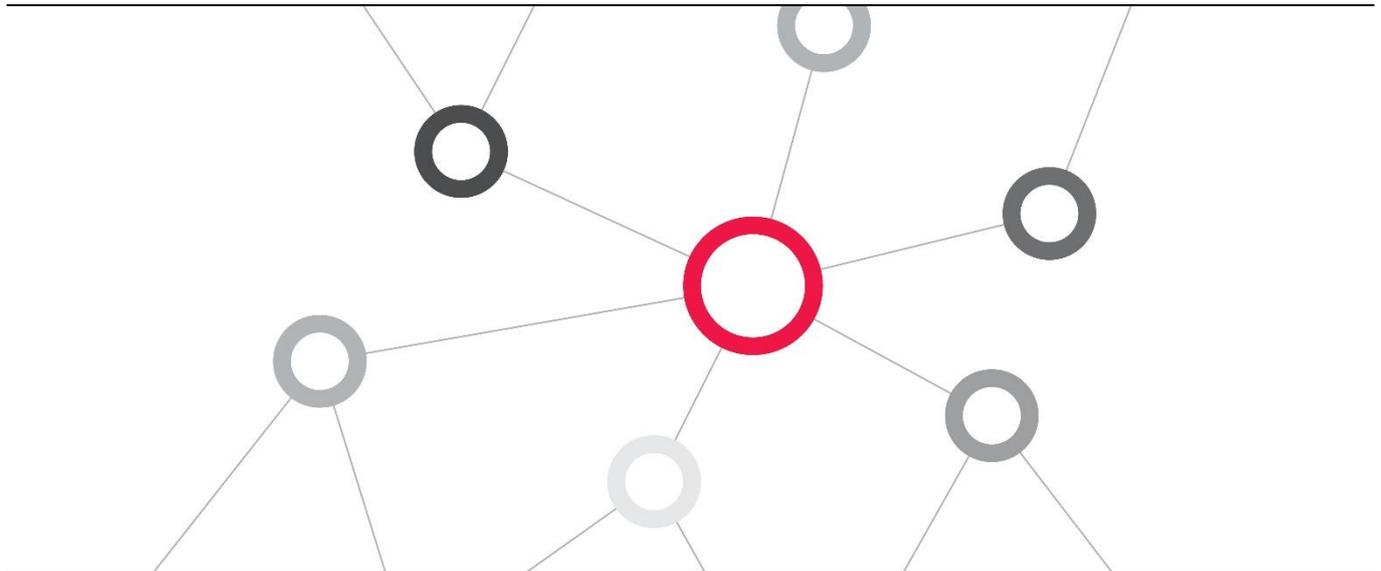
Managing Risk in Primavera Risk Analysis

Milestone
Project Management Solutions

What you will learn

This course provides training for Primavera's Risk Management solution. Participants will gain a thorough background in the basic concepts of risk management

Duration: Three Days

ORACLE APPROVED EDUCATION CENTER

Course Objectives

- Apply a risk assessment to a project Schedule, resources and costs
- Interpret, communicate and justify a risk analysis to the project team, management and other stakeholders
- Use risk management to improve your project management, set targets and contingency, manage corporate and customer expectations

Suggested Prerequisites
Project Management Knowledge
Knowledge of P6 EPPM
Knowledge of Windows

Target Audience
Project Manager, End Users , Functional Implementers, Business Analysts

Trainer Profile
Our trainers are accredited by Oracle University and are experienced planners, resource and project managers with experience of implementing project management systems

Professional Development
Delegate can qualify for Personal Development Units by requesting approval from the appropriate awarding bodies

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Course Topics

DAY 1

Introduction to Primavera Risk Analysis

Overview and Navigation
- What is Primavera Risk Analysis?
- Primavera Risk Analysis Methodology
- Schedule Validation
- Pre-Analysis Check
- Develop Risk Model
- Run Risk Analysis
- Review Results
- Navigation in Primavera Risk Analysis
- Accessing the Training Files
- Opening a Project Plan
- Workspace, Sheets, and Views
- Menus and Icons

Understanding Risk
- Risk is Everywhere
- Types of Risk
- Risk Analysis and the Critical Path
- Risk's Impact: Bigger Than You Think!
- Skewed Distributions
- Risk is Cumulative
- Risk Identification: Getting it Right vs. Playing It Safe
- Look Both Ways
- Risk Events: Different Kinds of Impact
- Single Impact
- Series of Impacts
- Multiple Exclusive Impacts Multiple Impacts to Multiple Activities
- Risk and Your Schedule
- Realistic / Most Likely
- Aggressive / Optimistic
- Cautious / Pessimistic
- Scale to Fit
- Which Type is Your Schedule?

Schedule Review
- Schedule Check Report
- Schedule Check Options
- Generating the Report
- Reading the Results
- Plan Summary
- Report Summary
- Constraints
- Open-Ended Tasks
- Out-of-Sequence Updates (Broken Logic)
- Lag
- Start-to-Finish Links
- Lags Between Tasks with Different Calendars
- Links to/from Summary Tasks
- Duration Risk Validation
- Printing and Saving the Report

Pre-Analysis Check
- Duration Quick Risk
- Run Risk Analysis
- Distribution Graph
- Tornado Graph
- Targeting Project Drivers
- Do the Project Drivers Make Sense?

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DAY 2

Applying Duration Uncertainty
- Applying Uncertainty Estimates to Individual Tasks
- Using Task Details
- Using the Columns
- Templated Quick Risk
- Preparing the Project Plan
- Adding a Column
- Adding Codes
- Configuring the Template
- Putting It All Together
- Fine-Tuning Templates

Task Existence/Existence Probability
- Single Impact Risk Event Adding a Task
- Configuring Links
- Specifying Existence Probability
- Adding a Column to the Gantt Chart
- Analyzing the Results

Basic Probabilistic Branching
- Exclusive Impacts
- Filling in New Task Data
- Configuring Links Assigning Probabilities
- Another Probabilistic Branching Point
- Analyzing the Results

Advanced Probabilistic Branching
- Structuring Probabilistic Branches
- Adding Option Milestones
- Linking to the Milestones
- Adding Refurbishing Tasks
- Structuring the Branches
- Assigning Option Probabilities
- Analyzing the Results

Risk Register
- Opening the Risk Register
- Entering Risks into the Register
- Entering a Mitigation Response
- Adding Risk Details
- Adding Mitigation Details
- Importing a Risk Register
- Risk Scoring, Risk Matrix, Reports, and More
- Mapping Risks to Your Schedule
- Adjusting Probability and Impacts
- Task View Tab
- Post-Mitigated Tab
- Building the Impacted Risk Plans
- Analyzing the Results
- Training vs. Reality
- Weather Modeling

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Correlation
- Making Risk Models More Realistic
- Adding Correlation
- Reading the Scatter Plot
- Correlation and the Central Limit Theorem
- Testing the Theorem
- The Shape of Risk
- Restoring Equivalence

Resource and Cost Uncertainty
- Other Sources of Risk
- Setting the Currency Symbol
- Fixed Costs
- Time-Dependent Costs
- Different Types of Cost Uncertainty
- Fixed-Cost Uncertainty
- Resource Rate Uncertainty
- Resource Allocation Uncertainty

Analyze and Review
- The Final Phase
- Using the Distribution Analyzer
- Making Choices
- Using the Tornado Graph
- Risk Display Mode
- Trial and Error
- Reporting
- P-Schedules
- Capturing P80 Start and Finish Dates
- Displaying the P-Schedule

This course uses Primavera Risk Analysis Oracle BI and BPM are not covered in this course.

PLEASE NOTE: All courses are delivered using standard Oracle University materials - Industry specific offerings/examples are not included in standard materials.

Follow on Courses
- Primavera P6
- Primavera P6 Reporting with BI Publisher 11g

RELATED PRODUCTS		RELATED SERVICES
Primavera Risk Analysis	Primavera P6 Team Member	Application Consultancy
Primavera P6 Analytics	Primavera Gateway	Integration Consultancy
Primavera Web Services	Primavera Unifier	Health Checks

FIND OUT MORE
Contact one of our expert advisors today for more information or a product demo

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