

PRIMAVERA RISK ANALYSIS TRAINING



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PRACTICAL INFORMATION



Duration :
3 days (21 hours)



Dates :
Contact us
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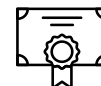
Location :
Inhouse training
Massy (France)
Remote training



Objective

The objectives of the **Primavera risk analysis** training are

- to **master the software** functions in order to contribute to decision making and **evaluate** probabilities concerning **deadlines and finances** in order
- to mitigate risks, and more specifically those concerned by an EPC project (Engineering, Procurement, and Construction).



Learning outcomes

- At the end of the training, each participant will be able to evaluate uncertainties concerning timeframes and costs.



Public

This Primavera risk analysis training program is for project managers and everyone implicated in one of the company's projects.



Prerequisite

- The fundamentals of project management



Training materials

- Each trainee will be assigned a PC with the Primavera Risk Analysis application
- All participants will be provided with training materials at the end of the training
- This training includes a theoretical part as well as a case study



Our instructors

- Our trainings are given by international experts recognized for their skills and expertise in risk analysis and complex project management

Day 1

Introduction to the basics of quantitative Risk Analysis

Why is Primavera Risk Analysis useful for improving your schedule and risk analysis?

Difference between a deterministic parameter and an uncertain parameter for durations and costs

- Difference between a deterministic and an uncertain parameter for durations and costs
- Duration and cost application
- Probabilistic risk modeling
- Difference between uncertainty and risk
- Main benefits of quantitative risk analysis

Preparation of the risk analysis – Configuration of input data

- Importing project schedules from Primavera P6 or MS Project
- Modification of scheduling options (calendars, resources, and costs)
- Assignment of resources to activities
- Task coding with Primavera Risk Analysis
- Group and sort activities
- check the schedule with Primavera Risk Analysis
- How to Secure the Baseline ?
- Modeling uncertainty on durations and costs
- Establishing a strategy for assigning uncertainties to tasks
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- Use of hierarchical modeling (WBS)
- Modeling risks related to events compiled in the risk register
- Import and export of the risk register to Excel
- Integration of weather constraints
- Risk hierarchy by impact

Day 2

Launching Risk Analysis

Oracle Primavera Risk Analysis: How Does It Work?

- Improvement of time and cost estimates
- The impact of a skewed distribution
- Effect of parallel paths
- Effects of correlations between tasks
- Description of the calculation method of Oracle Primavera Risk (Monte-Carlo simulation)
- Use of iterative simulation

Use of risk analysis to mitigate risks Use of output data to limit the impact on your projects

- Creation of customized reports (graphs and tables)
- Distribution chart
- Display of planning
- Risk factors, tornado chart
- Measurement of sensitivity (criticality,...)
- Interpretation of Oracle Primavera Risk Analysis charts
- Penalty assessment
- Risk pre-mitigation and post-mitigation
- Implementation of risk scenarios
- Customized reporting according to your needs

Conclusion for Primavera Risk Analysis training

Day 3

Workshop (optional)

Last brochure update: January 1, 2023