

The background is a vibrant blue gradient. It features several 3D-style icons: large white puzzle pieces, some with letters like 'W' and 'A', and various blue spheres containing icons such as a lightbulb, a bar chart, a gear, and a magnifying glass. The overall theme is business and technology.

PRIMAVERA RISKS ANALYSIS TRAINING

PRACTICAL INFORMATION



Goals

- Master software functionalities to contribute to decision support.
- Evaluate probabilities on time and financial aspects in order to mitigate risks, particularly in an EPC (Engineering, Procurement, Construction) project.



Acquired

At the end of this training course, each participant will be in a position to contribute to good contract management practices.



Public

This course is aimed at project managers and all those involved in a company project..



Requirement

The fundamentals of project management.

Assessment methods :

- Assessment of skills acquired through role-playing exercises;
- Self-evaluation and end-of-course certificate.



Methods used Teaching aids

Each trainee will be given a PC with the Primavera Risk Analysis application. All participants will receive training materials at the end of the course. This training includes a theoretical part as well as a case study. The training will include discussions and role-playing.



Our trainers

Our training courses are given by international experts recognized for their skills and expertise in risk analysis and complex project management.

PRACTICAL INFORMATIONS



Time

3 days – 21 hours



Dates

Contact us:

- By phone :

+331 69 81 95 92

- By email :

contact@mesli.consulting



Training date

- Inter company ;
- Intra company ;
- By videoconference.

Training program – PRIMAVERA Risk Analysis

Introduction to the basics of quantitative risk analysis

Day 1

Introduction

- The difference between a deterministic and an uncertain parameter ;
- Application to durations and costs ;
- Probabilistic risk modeling ;
- Difference between uncertainty and risk;
- Main benefits of quantitative risk analysis.

Preparing risk analysis - Configuring input data input data

- Import project schedules from Primavera P6 or MS Project;
- Modification of scheduling options (calendars, resources, costs);
- Assign resources to tasks;
- Coding tasks with Primavera Risk Analysis ;
- Grouping and sorting ;
- Check planning quality;
- Securing the baseline schedule;
- Schedule verification reports;
- Modeling uncertainty on durations and costs;
- Establishing a strategy for assigning uncertainties to tasks;
- Use of hierarchical level modeling (WBS);
- Risk modeling of random events using the risk register ;
- Import and export of risk register to Excel ;
- Integration of meteorological constraints;
- Classification of risks by degree of importance.

Training program – PRIMAVERA Risk Analysis

Resources and skills, cost allocation with Primavera P6

Day 2

Risk analysis / Launch

- Understanding how risk analysis works
- on Oracle Primavera Risk Analysis
- Improved time and cost estimation;
- Effect of a skewed distribution ;
- Effect of parallel paths ;
- Effect of correlations between tasks;
- Description of Oracle Primavera Risk Analysis calculation method (Monte Carlo simulation);
- Use of iterative simulation.

Day 3

Project control with Primavera P6 (optional)

Case study workshop for a high-stakes project requiring a risk analysis

Use of risk analysis to mitigate risks / Use of output data to limit impacts on your projects

- Creation of customized reports (graphs and tables), distribution diagrams;
- Display of P-Plannings;
- Risk factors, tornado diagram;
- Measurement of sensitivities (criticality, cruciality, etc.);
- Interpretation of graphs with Oracle Primavera Risk Analysis ;
- Assessment of penalties for a reference schedule or an ongoing project;
- Implementation of risk mitigation;
- Establishment of risk evolution scenarios;
- Customized reporting according to project needs;
- Conclusion of Primavera Risk Analysis training.

Contact us



France :

36 rue Victor Basch, 91300 Massy



Phone : (+33) 1 69 81 95 92



Belgium :

Rue des Colonies, 11, 1000 Brussels



Phone : (+32) 2 517 62 20



contact@mesli.consulting

