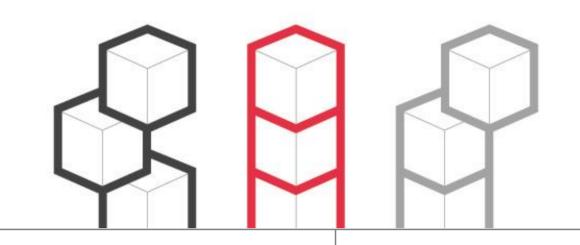# Primavera P6 Earned Value Analysis Version 18

What you will learn

This Primavera P6 Advanced course teaches how to use P6 to perform Earned Value Analysis. The whole process is covered from the correct database and project settings, to "S" curve reports to be delivered to clients.

Duration: One Day

Topics Include

A full discussion of percent complete. The impact of Duration Type. Earned Value and Baselines. Growth and variations and how they are monitored through Earned Value Analysis

Course Objectives

- Setup a project for EVA
- Understand the progress information required
- Understand the myriad of percent complete options
- Cost and/or quantity – a full description
- Understand project performance is not just a Baseline Barchart
- Prepare "S" curves in P6 – and automatically pivot the data to Excel

Suggested Prerequisites

Project Management Knowledge
Primavera P6 Professional Fundamentals Course
Knowledge of Windows

Target Audience

Senior Planning Engineer, Cost Engineer, Quantity Surveyor, Project Manager

Trainer Profile

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

Project Management Knowledge

Primavera P6 Professional Fundamentals Course
Knowledge of Windows

FIND OUT MORE

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

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Course Topics

- Database level settings for earned value
- Project level settings for Earned Value
- Percent Complete
  - The Impact of Duration Type on Percent Complete
  - What do we mean by percent complete?
  - What is the business logic in P6's percent complete calculation?
  - Reporting Percent Complete
- What's wrong with Remaining Duration?
- Earned Value, Cost or Quantity?
- Earned Value Basics
  - Actual Hours
- Why is Activity Percent Complete Earned Value?
  - More about Baselines
  - Update the Baseline
- Graphical Output of Earned Value
  - Pivoting Data from P6 to Excel
- Appendix One – Global changes to allow Physical Percent Complete to update Duration and resources
- Appendix Two – Using Earned Value without Actual hours and with Duration percent complete
- Appendix Three – Weighted Milestones as the measure of Earned Value
- Appendix Four – Updating the baseline in P6 versions before 16.0

Benefits to You

Earned Value Analysis completes the project controls picture that starts with having a schedule. By adding Cost and Resource analysis to our Schedule analysis we are managing the whole project.

Follow on Courses

- Primavera P6 Professional Advanced
- Managing Risk in Primavera Risk Analysis (Pertmaster)

The course uses P6 Professional, Primavera's Windows-based, client/server application. It is appropriate for those using P6 Professional either as a stand-alone application or as part of P6 EPPM.

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