Oracle Primavera P6

Oracle Primavera P6 is a project, program and portfolio management tool that's used for planning, managing and executing your project work and is a tool to increase your efficiency when planning, which reduces the risk of schedule overruns. One way it does this is by providing visibility into the work, so potential bottlenecks can be identified and resolved before they cause delays. It claims to work on projects of all sizes.

Oracle Primavera P6 is used by project managers who are in charge of delivering a project, program or portfolio of projects, engineers, schedulers and others who are instrumental in planning, management and reporting on the project. Primavera P6 is mostly used for large-scale construction projects, but it can also be used in other fields such as business and manufacturing.

It's designed to handle large and small projects in many diverse industries, such as construction, manufacturing, energy, and IT.

Key features

P6 is a tool that works on an enterprise structure. That means it goes from the highest level of management down the line of project members. In terms of the key features, they are as follows.

- Project timelines: A traditional Gantt chart to schedule tasks on a bar graph
- Risk management: Identify, track and resolve risks before they become issues
- Information dashboard: A dashboard to track key project metrics
- Reporting & analytics: Ability to generate status reports for stakeholders
- Calendar & activity views: View project tasks set over a calendar view
- Scheduling alerts: Keep the project on track by always knowing what's due when

Key features

- Project network view: Project network diagrams allow users to visualize their project schedules by sequencing project activities.

- Work breakdown structure: P6 allows users to create a work breakdown structure that lets them group related tasks together and establish a hierarchy.

- Critical path method (CPM): Oracle Primavera lets users find the critical path of their projects. The critical path method is an important project scheduling technique that allows project managers to estimate the total duration of a project and determine which project tasks must be completed on time for the project to be delivered on schedule.

Usage of Primavera P6

Primavera P6 is used for project, program and portfolio management such as:

- Project planning & scheduling: Primavera P6 offers Gantt charts, project tables and network diagrams as its main project planning and scheduling tools. These tools allow users to create scope, schedule and resource baselines.
- Project portfolio management: It can manage multiple projects in a program or portfolio at once with the enterprise project structure (EPS) tool.
- Resource management: Keep track and reallocate resources as needed by using customizable resource leveling forms.
- Risk management: Risk analysis features allow project managers to identify, track and resolve risks before they become issues.
- Contract management: Manage multiple projects, and get info from the database fast.
- Project Reporting: Report on timelines, resources and costs.

Course Content

Basic / Intermediate

- Describing Enterprise and Project-Specific data
- Opening an Existing Project & Customizing Layouts
- Describing Components of EPS
- Create a project & navigating in the Projects Window
- Defining & creating the WBS Hierarchy
- Adding Activities
- Creating relationships
- Project scheduling
- Assigning Constraints
- Using Reflection Projects
- Merging Changes
- Merging Changes Formatting Schedule Data
- Describing Roles and Resources
- Assigning Roles and Rates on Roles
- Assigning & analyzing Resources
- Optimizing the Project Plan
- Baselining the Project Plan
- Updating the Schedule
- Rescheduling the Project
- Reporting Performance

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