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Primavera tutorial

Primavera P6 Step-by-Step Learning Guide for Beginners Primavera P6 offers many solutions related to planning, scheduling, cost control, and reporting issues for professionals across all industries. However, students and beginners may find it difficult to use without participating in a Primavera P6 training course. In this tutorial, we will discuss Primavera P6 training and answer how long does it take to learn Primavera P6 step by step. Primavera P6 is project management software that helps organizations improve their decision-making processes and evaluate risks to complete projects successfully. Effective project planning is essential to complete the project in a short period at a low cost. Creating a project schedule is one of the most critical processes that affect financial decisions. Primavera P6 provides standardization with templates existing in Methodology Manager. There are two Primavera P6 programs: Oracle Primavera P6 Enterprise Project Portfolio Management (P6 EPPM) and Oracle Primavera P6 Professional Project Management (P6 PPM). Primavera P6 PPM is a windows-based software tool that requires a local database or server-based database. It provides a project network diagram when logical relationships are assigned to activities. Many contractors prefer P6 PPM because it is easy to install and manage as a standalone software tool. Primavera P6 EPPM is a web-based product that connects to a webserver to operate. All your project information is stored with the help of a main database. Using an online software tool provides many advantages, such as not needing to install it on your computer just to log in and use it. However, if your internet connection is too slow, screens may take long time to load. Primavera P6 doesn't have WBS screens or text reports, which makes it suitable for large-scale organizations needing more infrastructure. Learning Primavera P6 from scratch can take anywhere from 10 to 30 hours (or 2-3 days for the basics) with training courses that cover its fundamentals. These courses are available online too. Methodology Management in P6 is a tool for creating project templates, though it's similar to Professional and not meant for real projects. Starting from version 7 of Primavera P6 Professional (PPM), Methodology Management was removed but still exists in version 8 of the EPPM. The software allows tracking actual vs planned project performance with features like Gantt charts, PERT charts, S curves, and more. Topics covered in training courses include enterprise project management, time management with CPM, resource and cost management, risk management, threshold management, issue management, and tracking & reporting. Primavera P6 offers advanced solutions for enterprise project management, enabling multiple users to work simultaneously via a web interface connected to a database and server. Projects are grouped under EPS nodes, showing the structure of all projects in the P6 database. Time management involves activities forming a network diagram with critical paths calculated by P6 based on activity durations and relationships. There are six types of activities: start milestones, finish milestones, tasks, dependent resources, level of effort, and WBS summaries. Activities can have different calendars specifying non-working days and holidays to reflect real site conditions. Resources include labor, equipment, material required for tasks, with unit of measure definition needed for material resources. Primavera P6's Histogram Helps Identify Overloaded Resources Identifying Overloaded Resources and Resource Usage by Late Dates ----- Primavera P6 offers a histogram feature that helps identify overloaded resources and determine resource usage by late dates. Different types of resources may have unique calendars, such as labor resources with an 8-hour daily schedule and 5-day work week, or machinery with a 12-hour daily schedule and 7-day work week. Major deliverables and main objectives are defined at the initiation phase, which involves assigning team members and a project manager, conducting feasibility studies, and initial documentation using Primavera P6. This software facilitates the initiation phase by storing documents, configuring user access, and providing solutions. The planning phase is critical for a project's success, where plans such as the Project Plan, Schedule, Quality Plan, Communications Plan, and Resource Plan are created. Team members create the Work Breakdown Structure (WBS), insert activities, assign relationships, resources, and costs, setting the baseline for the project. The execution phase involves actual site work or production, updating the project schedule, and controlling progress. During this phase, team members report performance, compare planned and actual results, and employ techniques like fast-tracking or crashing to recover delays. The Claimdigger feature allows specifying modifications between updated schedules. Oracle P6 offers solutions for industries such as oil and gas, construction, engineering, utilities, public sector, aerospace, defense, and IT services. This tutorial provides general information on Primavera P6 basics and recommends reading articles on projectcubicle.com for step-by-step learning and better project planning and management decisions.