

# P3e Comprehensive Features List

## Overview

- Multi-user
- Gantt, PERT, Resource Usage, Activity Usage, Trace Logic views
- WBS and RBS chart and hierarchy views
- Project Expenses, Risks, Issues, Thresholds and Documents views
- Project Tracking view
- User assistance: online help, wizards, Project Management Sam

## Project Modeling and Data Limits

- Up to 25-level work breakdown structure (WBS)
- Up to 15 characters per code level
- Unlimited project groups with projects at any level of WBS
- Note: no projects below projects
- Roll up project information to all levels of WBS
- Unlimited baselines, with user-defined baseline type codes
- Comparison of current project with one baseline at a time
- Unlimited global, project and resource calendars
- User-defined work days and hours per day
- Exceptions to normal workweek
- Up to 25-level organizational breakdown structure (OBS)
- Up to 25-level resource breakdown structure (RBS)
- Up to 15 characters per resource ID
- Up to 25-level cost account structure
- Up to 15 characters per level
- Unlimited user-defined codes
- May be hierarchical, with up to 25 levels
- User-defined expense categories
- 2 user-defined (15-character) project categories
- Defaults: project sponsor, project group
- 2 user-defined (15-character) resource categories
- Defaults: division, office location
- 1 user-defined WBS category with unlimited values
- Default: project phase
- 1 user-defined Notes code with unlimited values
- 1 user-defined Document Status code with unlimited values
- 1 user-defined Overhead code with unlimited values
- 1 user-defined Risk-type code with unlimited values
- Project comments: rationale and objectives
- Comprehensive project properties, such as priority, status, project manager, project

sponsor, project website URL and default settings

### Activity Modeling

- Up to 15-character activity IDs
- Activity types: task dependent, resource dependent, level of effort, milestone
- Planned, actual, remaining and at-completion duration
- Duration types: fixed units/time, fixed duration, fixed units
- Enter durations as combination of minutes, hours, days, weeks, months, years (duration display in days and tenths of a day)
- Percent complete types: physical, duration, units
- Activity priorities (1 – 5, lowest to top)
- Option to auto-compute actuals
- Actual start, actual finish, expected finish
- Activity calendar (from global or project calendar list)
- Constraint types: start on, start on or before, start on or after, finish on, finish on or before, finish on or after, as late as possible
- Breakdown of activities into steps, each with completion checkbox and related instructions
- Multiple notes per activity, each with detailed comments
- Links to activity reference documents
- Unlimited predecessors/successors per activity
- Finish-to-start, start-to-start, finish-to-finish and start-to-finish activity relationships
- All relationships with user-definable lead and lag (positive and negative)
- Current, planned, actual, remaining, early, late and baseline start and finish dates
- Planned, actual, remaining, % complete, at completion, completion variance, to complete labor units and labor costs by activity
- Planned, actual, remaining, % complete, at completion, completion variance, to complete nonlabor units and nonlabor costs by activity
- User-defined activity custom fields
- 2 sets start/finish date fields
- 2 integer fields
- 2 number fields
- 2 text fields

### Project Control

- Scheduling and resource leveling
- Free and total float calculation
- Issue tracking
- Thresholds with lower and upper limits, time window
- Thresholds tied to WBS and/or activity, responsible OBS
- Thresholds monitored to generate issues
- Issue history, with detailed notes

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- Send issue details to individuals via e-mail
- Risk identification
- Risks defined with description, risk type, priority, risk control plan and date identified
- Risks tied to WBS, resource, responsible OBS
- Impact calculated based on probability for costs, resources, schedule
- Dictionary of project documents, with file link to private and public locations, description, reference number, version, status, revision date, and author
- Comprehensive tracking view
- Activity, resource, account code details summarized in tables and graphs
- Filter by WBS, OBS, primary resource, project phase, global user codes
- Summary of costs and units (labor, nonlabor, expenses) by cost account, activity, WBS
- Comparison of baseline, planned, actual and remaining values
- Bar chart of earned value indicators (BCWS, BCWP, ACWP, CV, SV, CPI, SPI)
- Histogram of planned, actual, remaining costs and units
- Bar chart comparison of baseline and actual completed, in-progress and not-started activities
- Performance Measurement
- Option to include expenses when calculating earned value
- Options for calculating earned value (activity percent complete, 0/100 percent complete, 50/50 percent complete, user-defined percent complete)
- Options for calculating estimate to complete

### Resource and Cost Management

- Resource breakdown structure (RBS) chart or hierarchy view
- Resource code, name, ID, title and global resource codes (defaults are division and office location)
- Notes, calendar and contact information by resource
- Variable limits and costs over time
- Resource assignments and expenses by activity
- Cost account designation for resource assignments and expenses
- Designation of one assigned resource per activity as Primary Resource
- Designation of resource as labor or nonlabor
- Calculation of total labor units, non-labor units, labor costs, non-labor costs, expenses by activity

### Project Communication

- E-mail issues to project participants
- Publishing of comprehensive Project Website
- Option to include activities, predecessors/successors, resources, documents, notes, steps and project reports
- Hierarchical binder of report groups and reports

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- Built-in custom reportwriter with Report Wizard
- Time-distributed activity, cost account, expense, and resource data
- Specification of fields, grand total, grouping, sorting, filtering and column settings
- Output reports to Print Preview, printer, HTML, or ASCII
- Print Preview with page, margin, header and footer options
- Preview of any project view
- Multiple levels of zoom
- Print Preview Save As option, support for .jpg, .bmp, .wmf, .png, .gif
- Copy report to Windows Clipboard within Print Preview

### System Requirements

- Relational database: Oracle or Microsoft SQL Server
- Server: Windows NT or Unix with 64 to 128 MB RAM
- Client: Windows 95, Windows 98 or Windows NT with 32 MB RAM
- Project Website: Microsoft Internet Explorer 4.0+ or Netscape Navigator 4.0+
- Project Website server: Microsoft Internet Information Server (IIS) 3.0 or Netscape Web Server