

# OP<sup>3</sup>™

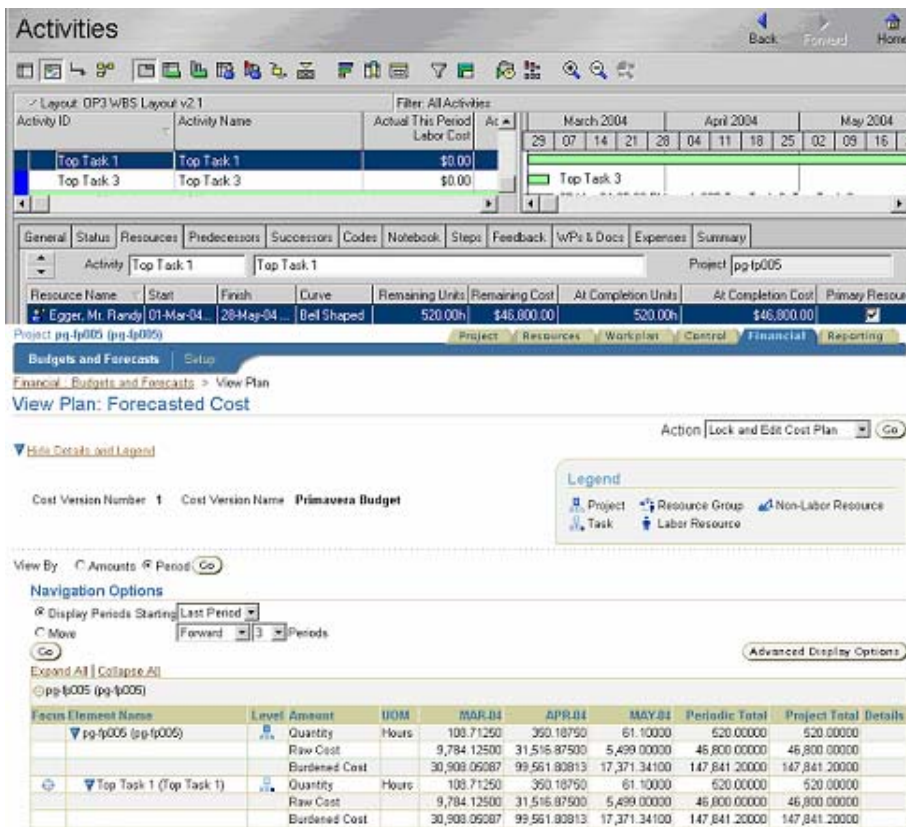
## Integration Between Oracle Projects® and Primavera® Enterprise Applications

Since 1997 Project Partners has delivered consulting services and software applications to more than 150 project-driven firms worldwide. Project Partners also offers OP<sup>3</sup>™ – which delivers seamless, bi-directional integration between Oracle Projects Applications and Primavera enterprise applications.

Project managers and financial analysts can now enjoy the complete best-of-breed Project Management solution. Primavera provides the user interface that project managers and field engineers depend upon to develop plans and track and report progress, while Oracle Projects provides robust project financial management functionality. Together these products facilitate the success of the extended project team.

Capitalizing on the project management tools within Primavera and simultaneously enforcing the necessary business and accounting rules within Oracle Projects, OP<sup>3</sup> helps users deliver their projects on time and within budget. OP<sup>3</sup> eliminates inefficient dual data entry between the two systems. OP<sup>3</sup> utilizes Oracle's Activity Management Gateway (AMG), Primavera's integration APIs, and the Oracle technology stack to establish a common data model where a single point of data entry is possible. If that is not enough, OP<sup>3</sup> also supplies many client extensions that allow project managers to tailor the solution to meet their specific project needs.

### The Project Manager-Friendly Solution for Managing Enterprise Projects



The screenshot displays the Primavera software interface. At the top, there's a navigation bar with 'Back', 'Forward', and 'Home' buttons. Below that, a toolbar contains various icons for navigation and editing. The main window is titled 'Activities' and shows a Gantt chart for 'Layout: OP3 WBS Layout v2.1'. The Gantt chart displays activities like 'Top Task 1' and 'Top Task 3' across a timeline from March 2004 to May 2004. Below the Gantt chart, there are several tabs: 'General', 'Status', 'Resources', 'Predecessors', 'Successors', 'Codes', 'Notebook', 'Steps', 'Feedback', 'WPs & Docs', 'Expenses', and 'Summary'. The 'Resources' tab is active, showing a table of resources with columns for 'Resource Name', 'Start', 'Finish', 'Curve', 'Remaining Units', 'Remaining Cost', 'At Completion Units', 'At Completion Cost', and 'Primary Resource'. Below this, there are tabs for 'Budgets and Forecasts', 'Setup', 'Financial', and 'Reporting'. The 'Financial' tab is active, showing a 'View Plan: Forecasted Cost' section. At the bottom, there's a 'Focus Element Name' table with columns for 'Level', 'Amount', 'UOM', and monthly data from 'MAR-04' to 'MAY-04', along with 'Periodic Total' and 'Project Total'.

A Project Manager can begin preliminary project planning within Primavera, leveraging state of the art features such as budget curves, then link the project to Oracle Projects to view projected burdened costs.

To stay on track with resource allocations and budgets, a Project Manager can download actuals from Oracle Projects, and get a quick read within Primavera on where the project stands.

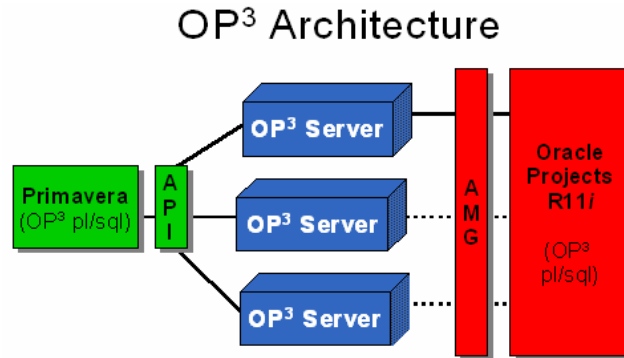
Financial Managers can now be confident that their view from within Oracle Projects accurately reflects changes made in the field throughout the project lifecycle.

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## OP3 In Use at the U.S. Army Corps of Engineers

For the U.S Army Corps of Engineers, OP<sup>3</sup> reduces project cost overruns and optimizes resource scheduling.

*“Oracle Projects provides us with exceptional accounting, costing and billing functionality, but it lacks the activity and resource scheduling capabilities we require to effectively manage our many projects. By using OP<sup>3</sup> to link Oracle Projects and Primavera Enterprise, we are able to quickly transfer information back and forth between applications. This provides us with reliable and accurate data in both systems without the cost of double data entry,” says Arthur Martin, U.S. Army Corps of Engineers. “As a result of this integration, we will increase the visibility of projects throughout our organization and will improve our ability to effectively and efficiently manage large projects.”*



### Information Flow From Oracle to Primavera

- Work Breakdown Structures and Tasks
- Resource Lists, including Organizations, and Resource Groups
- Project Manager
- Employee Data
- Service Types to Activity Codes
- Update of Primavera Project Codes from Project Classifications Categories/Codes
- Resources and Cost Budgets to Activities
- Actual costs, quantities, and commitments
- More

### Information Flow From Primavera to Oracle

- Work Breakdown Structures and Activities
- Enterprise Project Structure to Class Categories and Codes
- Resource Assignments to Cost Budgets or Financial Cost Plans
- Activity Codes to Update Service Type on Project/Task, Set Billable and Chargeable Task Attributes, and Task Organization Overrides
- Status Reporting Information
- Primary Resource as Task Manager
- Actuals

### More Information About Data Sharing

Answers to all your questions about data sharing are found in our Data Mapping Technical Whitepaper, available online at [http://www.projectp.com/products\\_op3.htm](http://www.projectp.com/products_op3.htm)

## Hardware, Software and Database Requirements

### Supported Platforms

Unix, Linux and Windows NT 4.0 SP6a, Windows 2000, Windows 2003 servers.

### Supported Databases

Oracle 8i and above

### Supported Software Releases

Oracle Projects Applications Releases 11.5.3 and above

Primavera P3e, P3e/c, and Teamplay, Releases 3.5.1 and above, installed on an Oracle database 8i or above.

### Database Instance

The Oracle Applications and Primavera databases can be in the same instance, but it is highly recommended that they be in separate instances. OP3 is installed in the ADMUSER schema within the Primavera database (PMDB) and in the APPS schema in the Oracle Applications database.

### Space Requirements

#### File system space

- On the Applications server: 25mb to install OP3 in \$APPL\_TOP and 25mb of space in \$TEMP
- On the OP<sup>3</sup> Server machine: 50mb of temporary storage, less than 10mb of permanent storage.

#### Virtual memory space on OP<sup>3</sup> Server machine

- A minimum of 500mb, to a maximum of 4gb, depending upon volumes, project complexity and concurrent user load.

#### Database space:

- In the Oracle Applications database, < 2mb in APPS schema.
- In the Primavera Database (PMDB) < 10mb in ADMUSER schema.

## Learn How OP<sup>3</sup> Can Benefit *Your* Organization

Visit our website to learn more, and see a demonstration of OP<sup>3</sup> [www.projectp.com/products\\_op3.html](http://www.projectp.com/products_op3.html)