

OP3TM

INTEGRATES ORACLE[®] E-BUSINESS SUITE PROJECTS AND ORACLE PRIMAVERA[®] APPLICATIONS

KEY BENEFITS

- Seamless business flows across the lifecycle of your projects.
- Seamless best-of-breed system ensures the same information is obtained and used throughout your organization.
- Continuously updated project progress and cost actuals for reporting accuracy.
- Faster, better and far less expensive than custom-coded integration.

FEATURES: RELEASE 3.5

- Integrates Primavera project schedules with Oracle Projects workplans or financial plans.
- Offers several options for project structure mapping from Primavera to Oracle.
- Synchronizes project dates (scheduled start and finish), status, & classifications.
- Updates task and assignment actuals, estimate-to-complete and estimate-at-complete amounts.
- Updates task & assignment dates, task constraints, task status, progress status, progress comments, assignment estimate-to-complete units and task level percent complete.
- Delivers a shared resource pool; initiate resource requests from Primavera, identify available resources in Oracle PJR and update financial plans using refined cost rates.
- Leverages Oracle project cost schedules and interfaces them to Primavera. Rates can vary by project; OP3 shows your project's raw and burdened costs.

Project Partners OP3 quickly and seamlessly integrates Oracle Projects[®] and Primavera[®] applications, at an economical price

Overview

The world's leading Project Management solutions are Oracle Primavera[®] applications - used extensively by project management professionals, and Oracle E-Business Suite Projects[®] applications - a powerful enterprise backbone for financial managers. Project Partners' OP3 middleware couples these applications into one seamless, cohesive solution, eliminating disparate systems and fractured information, and enabling business flows never before possible. Both project and financial managers can continue to use the application most appropriate for their function, with OP3 keeping information synchronized between the two systems.

Synchronize Project & Financial Management

OP3 provides a continual update of key information between Primavera and Oracle Projects, sourcing and then sharing this data appropriately. Project managers utilize Primavera to schedule projects, enter progress and forecast completion estimates. Financial managers use Oracle Projects to control rates and cost calculations and assess summary results at both project and organization levels. Schedule, actual cost and work progress information is synchronized between the two systems so both corporate and remote field managers always have current information.

Leverage the Primavera Plan

Primavera offers the project manager a robust tool for scheduling and tracking projects with a feature-rich and familiar user interface. With OP3, evolved project management processes can remain centered around this application, including:

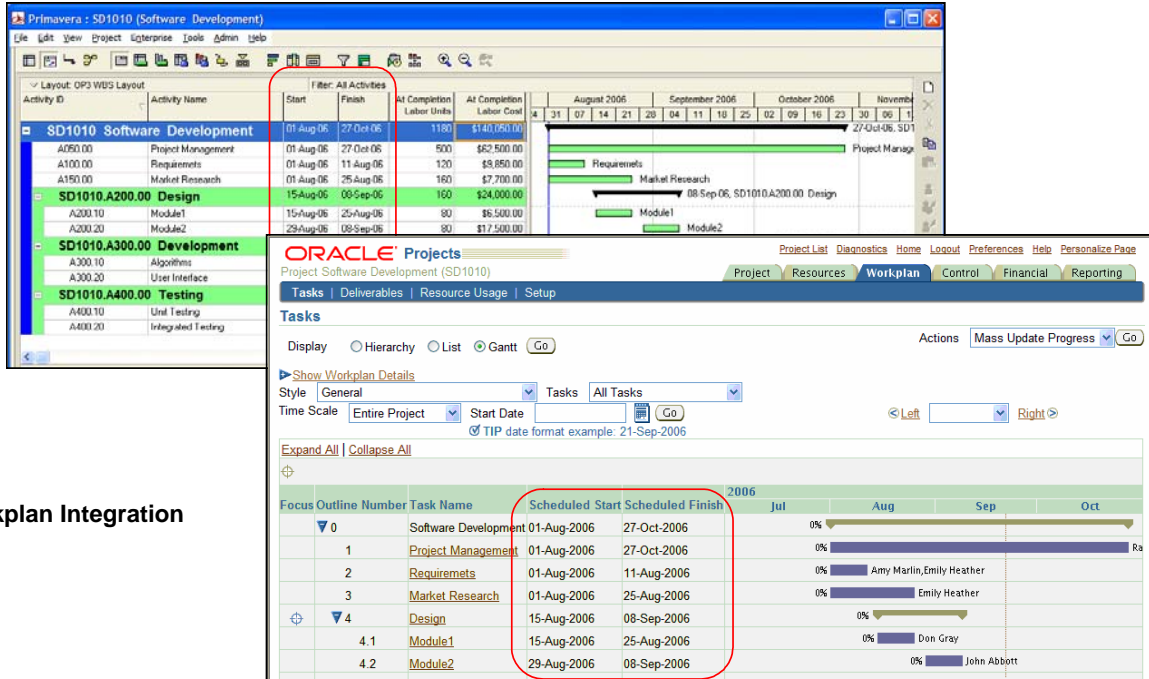
- Project scheduling – task and assignment start and finish dates, task constraints, slacks and assignment units
- Progress entry – assignment estimate to complete units, task progress status, task progress comments, and task percent complete
- Actuals update – receive actual costs from Oracle and review them against budget

Enforce Business Rules Defined in Oracle

Oracle Projects maintains and controls your project-based resource rates and calculates the cost amounts from quantities interfaced from Primavera. Resource assignments made in Primavera are shared with Oracle to create either equivalent assignments in Oracle workplans, or budget lines in Oracle financial plans. The costs for these assignments or budget lines are calculated using the planning resource rates defined in Oracle Projects.

Integrate Project Schedules with Project Workplans & Financial Plans

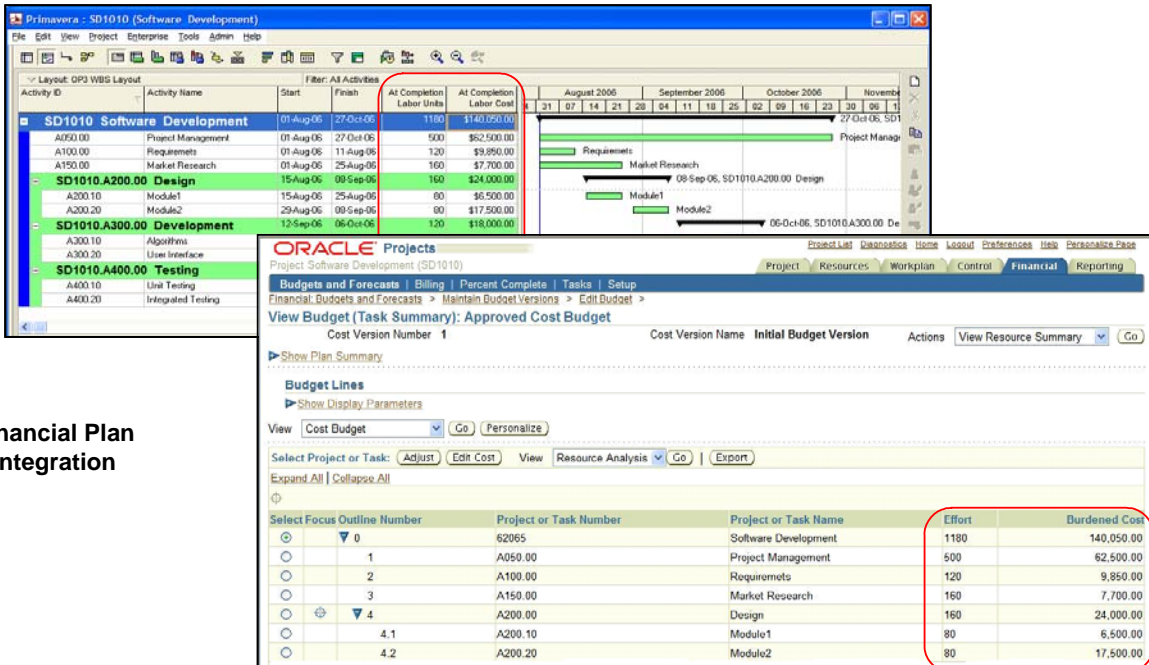
With OP3, you can link a project scheduled in Primavera with either the project workplan or financial plan in Oracle Project Management. Schedule and progress updates will automatically flow from Primavera to Oracle, with corresponding cost amounts and actuals passing back from Oracle to Primavera.



Workplan Integration

The screenshot shows the Primavera interface on the left and the Oracle Projects Workplan interface on the right. The Primavera window displays a project hierarchy for 'SD1010 Software Development' with activities like Project Management, Requirements, Market Research, Design, and Development. The Oracle Projects window shows a Gantt chart for the same project, with tasks and their scheduled start and finish dates. A red box highlights the 'Scheduled Start' and 'Scheduled Finish' columns in the Oracle Projects table, which correspond to the dates in the Primavera interface.

Focus Outline Number	Task Name	Scheduled Start	Scheduled Finish
0	Software Development	01-Aug-2006	27-Oct-2006
1	Project Management	01-Aug-2006	27-Oct-2006
2	Requirements	01-Aug-2006	11-Aug-2006
3	Market Research	01-Aug-2006	25-Aug-2006
4	Design	15-Aug-2006	08-Sep-2006
4.1	Module1	15-Aug-2006	25-Aug-2006
4.2	Module2	29-Aug-2006	08-Sep-2006



Financial Plan Integration

The screenshot shows the Primavera interface on the left and the Oracle Projects Budgets and Forecasts interface on the right. The Primavera window displays the same project hierarchy as above. The Oracle Projects window shows a table of budget lines for the project. A red box highlights the 'Effort' and 'Burdened Cost' columns in the Oracle Projects table, which correspond to the labor units and labor cost in the Primavera interface.

Select Focus Outline Number	Project or Task Number	Project or Task Name	Effort	Burdened Cost
0	62065	Software Development	1180	140,050.00
1	A050.00	Project Management	500	62,500.00
2	A100.00	Requirements	120	9,850.00
3	A150.00	Market Research	160	7,700.00
4	A200.00	Design	160	24,000.00
4.1	A200.10	Module1	80	6,500.00
4.2	A200.20	Module2	80	17,500.00

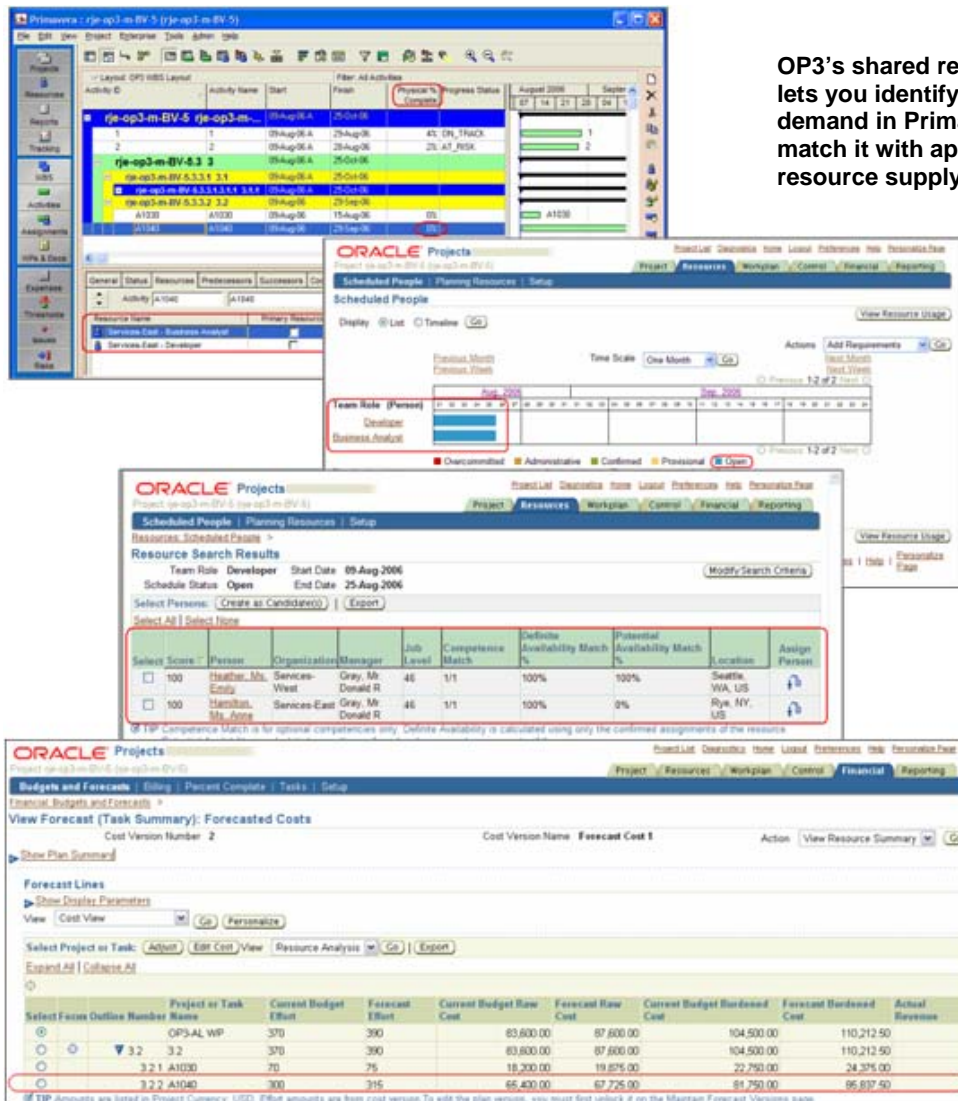
Your project managers and financial managers are continuously in synch – each using the tool best suited for the job. This tight integration results in better executed, more carefully controlled and more profitable projects. You know what to expect sooner – giving you time to make mid-project course corrections and stay on track.

Leverage Oracle Projects Structure Integration Methods

Depending on your Oracle project structure integration method, OP3 allows you to utilize Primavera plan information to integrate only to your project workplan or simultaneously to the financial plan. If you are using a fully shared structure in Oracle, you can continue to use OP3 to allow your Primavera plan to drive the workplan schedule, financial budget and forecast estimates based on the actual information captured in Oracle. In Oracle Projects, you can also opt to keep your financial planning either completely separate or maintain a definite mapping to the workplan. As such you can opt to use either a fully split structure or a mapped structure. OP3 now supports both these structure integration methods. In either of them, you can continue to use Primavera to drive only your workplan schedule and resource information. Financial planning will be setup and maintained separately in Oracle.

Balance Resource Demand and Supply

OP3 enables you to generate resource requirements in Oracle Projects from an assignment made in Primavera. Your project managers can plan projects according to need and interface those requests into Oracle Project Resource Management for matching against available, qualified resources, assignment of those resources to the associated task, and generation of the financial plan estimate, budget or forecast (depending on where the project is in its lifecycle). Resource demand and supply become easier to balance and resource utilization is greatly improved.



The screenshots illustrate the integration between Primavera and Oracle Projects. The top-left screenshot shows the Primavera interface with a Gantt chart and activity details. The top-right screenshot shows the Oracle Projects 'Scheduled People' view, highlighting a resource pool for 'Developer' and 'Business Analyst' roles. The middle screenshot shows the 'Resource Search Results' table, which lists potential resources based on search criteria.

Select Score	Person	Organization	Manager	Job Level	Competence Match	Definite Availability Match %	Potential Availability Match %	Location	Assign Person
100	Heather, M.	Services-Gray, M.	Donald R	46	1/1	100%	100%	Seattle, WA, US	[Assign]
100	Hannah, M.	Services-East, M.	Donald R	46	1/1	100%	0%	Rye, NY, US	[Assign]

The bottom screenshot shows the Oracle Projects 'Budgets and Forecasts' view, displaying a table of forecast lines comparing current budget and forecast costs.

Select Faces	Outline Number	Project or Task	Current Budget EBot	Forecast EBot	Current Budget Row Cost	Forecast Row Cost	Current Budget Burdened Cost	Forecast Burdened Cost	Actual Revenue
⊕	OP3-AL WP	370	390	390	83,600.00	87,600.00	104,500.00	110,212.50	
⊖	3.2	3.2	370	390	83,600.00	87,600.00	104,500.00	110,212.50	
⊖	3.2.1	A1030	70	75	18,200.00	19,875.00	22,750.00	24,375.00	
⊖	3.2.2	A1040	300	315	65,400.00	67,725.00	81,750.00	85,837.50	

OP3's shared resource pool lets you identify resource demand in Primavera and match it with appropriate resource supply in Oracle

Generate Forecast & Compare to Budget



Data is Shared via the Oracle Database

From Primavera® to Oracle Projects®	From Oracle Projects® to Primavera®
<ul style="list-style-type: none"> Project Start and Finish Dates Work Breakdown Structure and Activities Activity Constraints, Constraint Dates and Duration Types Start and Finish Dates for Activities and Resource Assignments Early Start/Finish and Late Start/Finish Dates for Activities Milestones Resource Assignments to Workplan Resource Assignments or Financial Plan Budget Lines Activity Codes to update Task Organization, Task Type, Service Type, Work Type, Billable and Chargeable Flags Primary Resource as Task Manager Estimate to Complete and Estimate at Completion quantities Activity Codes to Update Progress Overview, Progress Status and Progress Comments Activity Percent Complete. 	<ul style="list-style-type: none"> Planning Resource List including Resource Organizations, and Employee Data Project Start and Finish Dates Work Breakdown Structure and Tasks Classification Category/Codes as Enterprise Project Structure Codes Workplan Resource Assignments or Financial Plan Budget Lines as Resource Assignments Scheduled Start and Finish Dates for Tasks and Resource Assignments Task and Resource Assignment Planning, Estimate to Complete and Estimate At Completion Costs Project Manager Task Manager as Primary Resource Project Status, Project Type and Project Classification Categories/Codes as Project Codes Actual costs and quantities

Hardware, Software and Database Requirements

Supported Platforms: Unix, Linux and Windows 2000 servers and above

Supported Databases: Oracle database 9i and above.

Supported Software Releases

Oracle E-Business Suite Projects Applications Releases 11.5.10 M and above. Primavera Releases P5.0 and above, installed on an Oracle database 9i through 11g

Database Instance

The Oracle Applications and Primavera databases can be in the same instance, but separate instances are recommended. 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: 50MB to install OP3 in \$APPL_TOP and 50MB of space in \$TEMP. On the OP3 Server machine: 50MB of temporary storage, less than 10MB of permanent storage

Virtual memory space on OP3 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

“Our client, the United States’ Project Contract Office, Gulf Region Division, uses Project Partners’ OP3 as part of the IT system built to manage \$18 Billion US in construction and non-construction projects. We really like the fact that OP3 delivers bi-directional integration while enforcing the built-in error checking and enterprise-wide checks and balances of Primavera and Oracle Projects applications. The integration that OP3 delivers is tight, reliable and accurate, saving us what would have been a huge amount of cost and effort in trying to custom-code this integration. Also, whenever Oracle or Primavera issue a patch or point release, Project Partners certifies OP3 with that patch, so it’s not our headache. OP3 enables project business flows that would not otherwise be possible using the Oracle Projects and Primavera systems separately. These attributes of OP3 have increased our efficiency and productivity. OP3 is essential to the user of both Oracle Projects and Primavera applications who want to maximize and realize the power of both applications – simply put, it’s awesome!”

Patricia Bowyer
 President
 Projects/Applications Resources Group, Inc.

Learn How OP3 Can Benefit *Your* Organization

Visit our website to learn more and see a demonstration of OP3: www.projectp.com/products/op3.php

