Oracle Primavera P6 Enterprise Project Portfolio Management (P6 EPPM) is a robust and easy-to-use integrated solution for globally prioritizing, planning, managing, and executing projects, programs, and portfolios. It optimizes role-specific functionality to satisfy each team member’s needs, responsibilities, and skills. It provides a single solution for managing projects of any size, adapts to various levels of complexity within a project, and intelligently scales to meet the needs of various roles, functions, or skill levels in your organization and on your project team.

Thousands of companies rely on P6 EPPM to:
- Plan, schedule, and manage the right strategic mix of projects
- Make informed project, cost, and resource management decisions
- Enhance team collaboration and workflow productivity
- Maximize each project contributor’s skills and responsibilities
- Track progress and optimize capacity for maximum profitability
- Deliver programs and projects on time and within budget
- Share data with human capital, financial management, and enterprise resource planning systems

Actual deployments require a variety of databases, servers, applications, and supporting technologies. P6 EPPM also integrates with many other optional solutions such as Primavera Contract Management, Oracle Primavera Prime, Primavera Unifier, Oracle Primavera Risk Analysis, Oracle PPM, and Primavera Earned Value Management.

About Oracle Primavera P6 Enterprise Project Portfolio Management

Oracle Primavera P6 Enterprise Project Portfolio Management (P6 EPPM) is a robust and easy-to-use integrated solution for globally prioritizing, planning, managing, and executing projects, programs, and portfolios. It optimizes role-specific functionality to satisfy each team member’s needs, responsibilities, and skills. It provides a single solution for managing projects of any size, adapts to various levels of complexity within a project, and intelligently scales to meet the needs of various roles, functions, or skill levels in your organization and on your project team.

Thousands of companies rely on P6 EPPM to:
- Plan, schedule, and manage the right strategic mix of projects
- Make informed project, cost, and resource management decisions
- Enhance team collaboration and workflow productivity
- Maximize each project contributor's skills and responsibilities
- Track progress and optimize capacity for maximum profitability
- Deliver programs and projects on time and within budget
- Share data with human capital, financial management, and enterprise resource planning systems

Actual deployments require a variety of databases, servers, applications, and supporting technologies. P6 EPPM also integrates with many other optional solutions such as Primavera Contract Management, Oracle Primavera Prime, Primavera Unifier, Oracle Primavera Risk Analysis, Oracle PPM, and Primavera Earned Value Management.
Working with the Oracle Primavera P6 EPPM Suite

Depending on your organization's specific deployment, P6 EPPM generally consists of the applications, functions, and databases depicted below.

**Applications:**

P6: Most users will rely almost exclusively on the P6 web application running in a standard web browser. Simply termed P6, it is the primary interface for administering and managing projects.

P6 mobile: Allows team members to provide status on their tasks and to enter timesheets while working "on the go".
Working with the Oracle Primavera P6 EPPM Suite

P6 Team Member Web: This web interface allows team members to provide status on their tasks and record time in timesheets using a web browser.

P6 Team Member E-mail Statusing Service: This method allows team members to provide status on their tasks using any HTML or plain text e-mail application.

P6 Professional for EPPM: The P6 web application is the main interface for all project management functionality. You can also use the P6 Professional software to take advantage of its core project planning and scheduling functionality. The P6 Professional application and its features, including P6 Visualizer, run on Microsoft Windows. P6 Professional is also available for users who need to work on their projects in an offline mode. P6 Professional is available for P6 EPPM users working in a Cloud environment.

P6 Professional Cloud Connect: Connects P6 Professional to an EPPM Oracle database on the cloud. P6 Integration API (in remote mode) is installed by default. Using this, P6 EPPM users working on a WAN environment can achieve performance levels comparable to compression server installation. This is optional for on premises users.

P6 Integration API: A Java-based application programming interface (API) enabling your P6 EPPM deployment to interface with other components and systems.

P6 EPPM Web Services: P6 EPPM Web Services is an integration technology that extends P6 business objects and functionality. Based on open standards including SOAP, XML and WSDL, P6 EPPM Web Services enables developers to leverage standard interfaces to create integrated software solutions that interoperate with a wide variety of enterprise software applications running on a diversity of hardware and operating system platforms.

Primavera Gateway: Primavera Gateway is a highly configurable application that integrates P6 EPPM with other products for increased risk and scope management.

**Functionality (included with P6 EPPM):**

Core Enterprise Functionality: Use P6 for all of the following core enterprise functionality:

- Administration and Enterprise Data: Administer user accounts, preferences, views, application settings, and enterprise data.
- Project, Portfolio, and Resource Management: P6 provides an extensive array of features designed to optimize all phases of Project Management, Resource Management, and Portfolio Management. It includes full support for activities, work breakdown structures, planning and scheduling, costs, resource administration and assignment, roles, teams, portfolio analysis, capacity planning, Return on Investment (ROI), and convenient dashboards for measuring performance at every level at any moment.
- Documents: P6 includes document management support with or without the optional document repository option. Use the optional document collaboration features to conduct document reviews with key stakeholders to keep projects moving or meet regulatory compliance.
- Workflows: The workflow engine bundled with P6 EPPM provides Business Process Modeling Notation (BPMN) compliant graphical notation that depicts the steps in your project initiation workflows. Use the integrated Workflows portlet to coordinate the sequence of tasks that flow between different process participants in a series of stages.
Reports: Generate and view reports using your standard web browser running P6. Reports can be generated and routed via e-mail, saved to a shared or local file, or printed to a traditional printer.

Planning and Scheduling: The P6 Professional component of the suite can be used standalone or connected to an EPPM database. It provides a robust set of features primarily for planners and schedulers, including Reflection Projects, Schedule Comparison (Claim Digger), and a report designer. Use the P6 Visualizer feature to create and customize visual depictions of complex project schedule information, including Gantt charts with Grid data and Timescaled Logic Diagrams. Some functionality of P6 Professional is available only when connected to an EPPM database.

Time Reporting: P6 EPPM includes timesheet entry in P6 Team Member Web with review and approval support in P6.

Integrated Solutions: Build or deploy other systems and use the P6 Integration API, P6 EPPM Web Services, or Primavera Gateway to integrate them with P6 EPPM. Integrate Risk and Scope functionality from Oracle Primavera Prime with P6 EPPM via Primavera Gateway.

Leverage P6 EPPM's project planning and scheduling system against Primavera Unifier's cost control system via integration with Primavera Gateway.

Technology:

The P6 EPPM Database: The main database for all your P6 EPPM data. The EPPM database includes the P6 Extended Schema optimized for reporting.

BPM Workflow: The separate workflow engine bundled with P6 EPPM.

Oracle BI Publisher: The database server hosting the reporting library, templates, and views required to build complex reports with ease.

The Content Repository: Use an Oracle content repository or any CMIS-compliant repository to host documents in a shared repository enabling collaborative functionality such as document check-in/check-out and versioning.

For More Information

Where to Get Documentation

Complete documentation libraries for P6 EPPM releases are available on the Oracle Technology Network (OTN) at:

http://www.oracle.com/technetwork/documentation/primavera-093289.html

From this location you can either view libraries online or download them to have local copies. We recommend viewing them from OTN to ensure you always access the latest versions, including critical corrections and enhancements.
P6 EPPM is configured to access its help systems on OTN. However, you can also install local versions when you install the software.

The documentation assumes a standard setup of the product, with full access rights to all features and functions.

The following table describes the core documents available for P6 EPPM and lists the recommended readers by role. P6 EPPM roles are described in the Planning Your P6 EPPM Implementation guide.

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What's New in P6 EPPM</strong></td>
<td>Highlights the new and enhanced features included in this release. You can also use the P6 EPPM Cumulative Feature Overview Tool to identify the features that have been added since a specific release level. All users should read this guide.</td>
</tr>
<tr>
<td><strong>Planning Your P6 EPPM Implementation</strong></td>
<td>Explains planning your implementation, provides an installation process overview, frequently asked questions, client and server requirements, and security information. The P6 EPPM network administrator/database administrator and P6 administrator should read this guide.</td>
</tr>
<tr>
<td><strong>P6 EPPM Installation and Configuration Guide</strong></td>
<td>Explains how to install and configure the P6 EPPM using the P6 EPPM Installation and Configuration wizards. The P6 EPPM network administrator/database administrator and P6 administrator should read this guide.</td>
</tr>
<tr>
<td><strong>P6 EPPM Installation and Manual Configuration Guide</strong></td>
<td>Explains how to install and configure the P6 EPPM using the P6 EPPM Installation wizards, and how to manually configure individual components. The P6 EPPM network administrator/database administrator and P6 administrator should read this guide.</td>
</tr>
<tr>
<td><strong>P6 EPPM Post Installation Administrator's Guide</strong></td>
<td>Describes how to get started using P6 EPPM applications after you have installed and configured them. Complete the tasks in this guide before letting your users work with these applications. These tasks include information about configuring your users and security settings and privileges, configuring your P6 Administrator application Administrator settings, and finalizing your P6 Integration API and P6 EPPM Web Services settings. The P6 EPPM network administrator/database administrator and P6 administrator should read this guide.</td>
</tr>
<tr>
<td><strong>Tested Configurations</strong></td>
<td>Lists the configurations that have been tested and verified to work with P6 EPPM. The network administrator/database administrator and P6</td>
</tr>
<tr>
<td>Title</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>P6 User’s Guide</strong></td>
<td>Explains how to plan, set up, and manage projects in a multiuser environment. If you are new to P6, start with this guide to learn how to use the software effectively to plan and manage projects. When you need more detail, refer to the P6 Help. The program manager, project manager, resource/cost manager, team leader, and all P6 users should read this guide.</td>
</tr>
<tr>
<td><strong>P6 Help</strong></td>
<td>Explains how to use P6 to administer, plan, set up, and manage projects, portfolios, workflows, timesheets, documents, and reports in a multiuser environment. Describes how to analyze performance and ROI, and analyze budgets. If you are new to P6, use this Help to learn how to use the software effectively. The operations executive, P6 EPPM and P6 administrator, program manager, project manager, resource/cost manager, team leader, and all users should read this Help.</td>
</tr>
<tr>
<td><strong>P6 Data Dictionary</strong></td>
<td>Defines fields used in P6. All P6 users should refer to this guide if they need a field definition.</td>
</tr>
<tr>
<td><strong>P6 Team Member Web Help</strong></td>
<td>Describes how to use P6 Team Member Web to provide status on activities. P6 Team Member Web users should read this Help.</td>
</tr>
<tr>
<td><strong>P6 EPPM Web Services Programmer’s Guide</strong></td>
<td>Describes how to invoke, use, and troubleshoot the available services and operations within supported environments. When you need specific information about the services and operations available, refer to the P6 EPPM Web Services Reference Manual. Anyone who wants to develop applications which interact with P6 should read this guide.</td>
</tr>
<tr>
<td><strong>P6 EPPM Web Services Reference Manual</strong></td>
<td>Describes all services and operations available in P6 EPPM Web Services. Anyone who wants to develop applications which interact with P6 should read this guide.</td>
</tr>
<tr>
<td><strong>P3 to P6 EPPM Migration Guide</strong></td>
<td>Provides best practices for migrating your P3 data to P6 EPPM, and details how P3 functionality maps to P6 EPPM functionality. All administrators should read this guide if your organization is moving from P3 to P6.</td>
</tr>
</tbody>
</table>
Distributing Information to the Team

You can copy the online documentation to a network drive for access by project participants. Team members can then view or print those portions that specifically relate to their roles in the organization.

Throughout this documentation, the Security Guidance icon 🌐 helps you to quickly identify security-related content to consider during the installation and configuration process.

Where to Get Training

To access comprehensive training for all Primavera products, go to:
http://education.oracle.com

Oracle Learning Library

The Oracle Learning Library (OLL) provides online learning content covering Primavera products. Content includes whitepapers, videos, tutorials, articles, demos, step-by-step instructions to accomplish specific tasks, and self-paced interactive learning modules.

To access the learning library’s Primavera content, go to:
http://www.oracle.com/oll/primavera

Where to Get Support

If you have a question about using Oracle products that you or your network administrator cannot resolve with information in the documentation or help, click http://support.oracle.com/. This page provides the latest information on contacting Oracle Global Customer Support, knowledge articles, and the support renewals process. For more information about working with Support, visit https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2 to view Support Tools & Tips.

The following knowledge articles are a good place to start your research because they link to the most frequently referenced articles about P6 EPPM:

- Primavera Product Master Notes [ID 1489367.1]
- Master Note For Primavera P6 Common Application Questions Or Issues [ID 1292929.1]

P6 EPPM integrates with different Oracle applications; when you create a Service Request, be sure to open the request with the proper Support team. To ensure you reach the proper Support team, enter the correct product information when you create the Service Request. Each product has its own support line.

- Use the Primavera P6 EPPM support line when you are having installation, configuration, or connection issues related to P6 EPPM.
- Use one of the following support lines when you are having installation or configuration issues that do not relate to P6 EPPM:
  - Oracle WebLogic Server
  - Oracle Database Server
BI Publisher
BPM
Oracle Webcenter Content Core Capabilities (formerly Universal Content Management)
Oracle Enterprise Manager
Oracle Access Manager
Oracle AutoVue

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/us/support/contact-068555.html or visit http://www.oracle.com/us/corporate/accessibility/support/index.html if you are hearing impaired.

Using Primavera’s Support Resource Centers

Primavera’s Support Resource Center provides links to important support and product information. Primavera’s Product Information Centers (PICs) organize documents found on My Oracle Support (MOS), providing quick access to product and version specific information such as important knowledge documents, Release Value Propositions, and Oracle University training. PICs also offer documentation on Lifetime Management, from planning to installs, upgrades, and maintenance.

Visit https://support.oracle.com/epmos/faces/DocumentDisplay?id=1486951.1 to access links to all of the current PICs.

PICs also provide access to:

- **Communities** which are moderated by Oracle providing a place for collaboration among industry peers to share best practices.
- **News** from our development and strategy groups.
- **Education** via a list of available Primavera product trainings through Oracle University. The Oracle Advisor Webcast program brings interactive expertise straight to the desktop using Oracle Web Conferencing technology. This capability brings you and Oracle experts together to access information about support services, products, technologies, best practices, and more.
Legal Notices

Oracle Primavera P6 EPPM System Architecture Data Sheet

Copyright © 1999, 2014, Oracle and/or its affiliates. All rights reserved. Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software or hardware and documentation may provide access to or information on content, products and services from third-parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.