Oracle's Primavera Gateway

Oracle's Primavera Gateway provides a standard data integration solution for connecting Primavera Applications internally and with other enterprise applications.

Organizations can manage full project lifecycles by aligning their back-office budgets, actual costs, assets, labor, and material resources with project operations to ensure accurate forecasting of costs, resources, and schedules. Core project portfolio management (PPM) solutions have traditionally operated in silos, separate from other key enterprise processes. This results in poor visibility into cost and budget overruns, sub-optimal utilization of resources, and increased risk of project failure. Enabling integrated project-based business processes without the need for duplicate data entry is a key factor to ensure project success regardless of complexity, variability, and volume of project-related data.

INCREASED PROFITABILITY THROUGH SUPERIOR TRANSPARENCY

With billions of dollars at stake and mission-critical projects on the line, project-driven and asset-intensive organizations have no choice but to keep a tight rein on cost, schedules, materials, and resources. Primavera Gateway helps them do so by providing an accurate and real-time picture of performance across all projects, programs, and portfolios of projects throughout the lifecycle.

Complete. By aligning costs and schedules in user-friendly applications that integrate easily with Primavera project portfolio management applications as well as third-party systems, enterprise resource planning, and asset management solutions, Primavera Gateway helps organizations reduce project risks and meet critical delivery dates by effectively forecasting and managing costs, schedules, materials, and resources across the enterprise or at a single site.

Extensible. Primavera Gateway is highly scalable, giving asset-intensive organizations the power to manage projects, or portfolios of projects, of any size and type. Primavera Gateway enables the interoperability needed between Primavera and third-party applications, so organizations can more effectively plan and manage resource requirements for all types of projects or maintenance work—handling outages, overhauls, shutdowns, turnarounds, capital expansion, or daily maintenance.

Supported. Providing customers with a standard Java technology for streamlining business processes, Primavera Gateway swiftly and reliably integrates data from any external application, such as project costing, asset maintenance, materials management, and human resources modules within ERP and EAM solutions. As a result, Primavera Gateway users are able to continue to employ legacy solutions to manage their businesses while relying on Oracle's Primavera solutions to more easily manage their projects, portfolios, and resources across the enterprise. Essentially, Primavera Gateway reduces the risk of project cost overruns and delays by enabling timely and trusted insight into project costs, schedules, material availability, and resource utilization (see Figure 1).

Key Benefits

- Enterprise-wide project, portfolio, and resource management transparency
- Reduced total cost of ownership
- Easy, configurable, and customizable data synchronizations
- Data consistency between applications
- Improved collaboration with internal and external groups
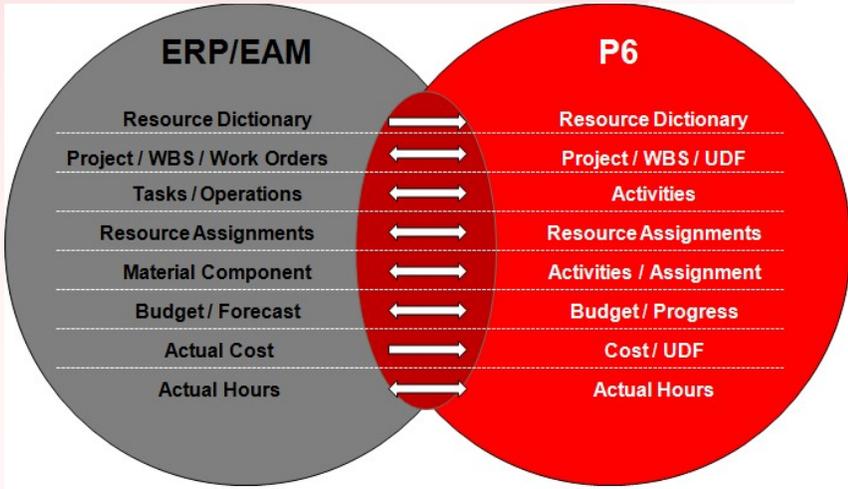- Reliable reporting of project parameters across applications

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Figure 1. A sample view of the Primavera Gateway-facilitated bidirectional data flow between Primavera and typical ERP / Asset Management solutions.

EASY DEPLOYMENT AND CONFIGURATION

Deployable on Weblogic Server, Primavera Gateway does not require expensive and cumbersome middleware, dramatically simplifying the installation and configuration of an organization's integration processes (see Figure 2).

Primavera Gateway Architectural Overview

- Standard Java Web Application
- Pre-build integration providers for Primavera
- Pluggable providers for external applications
- Seeded data maps and flows to support industry best practices
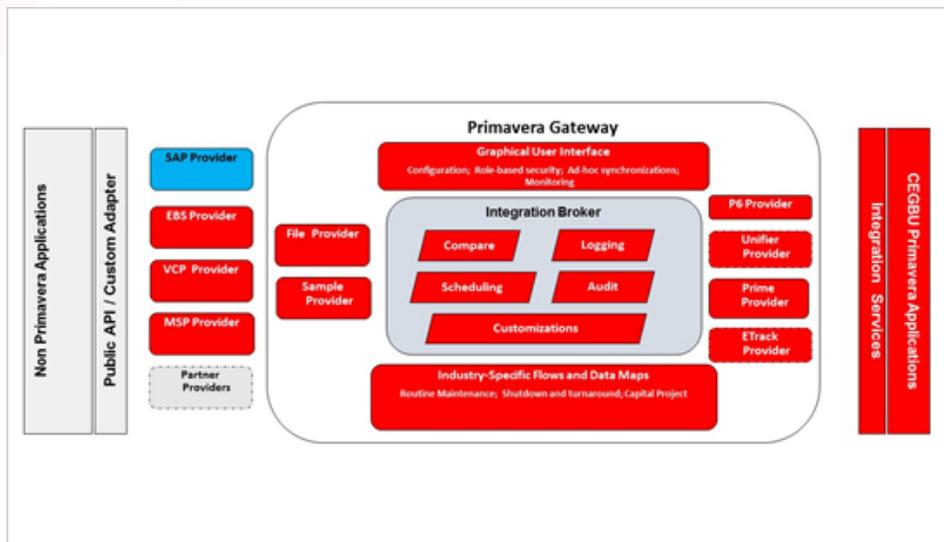
Figure 2. Primavera Gateway deployment.

Key Features

- Web-enabled user interface
- Application-agnostic integration capability for Primavera applications
- Standard Java application with no dependency on third-party middleware
- Extensible integration solution with configuration and customization options for each business application
- Designed for scalability and high-performance data exchange

MANUAL AND AUTOMATIC DATA SYNCHRONIZATION

A web=enabled user interface allows secure access to key functional areas of integration, such as synchronization, template management, administration, and execution of data exchange between Primavera EPPM and the third-party application (see Figure 3).

Key Integration Synchronization Capabilities

- Execution of data synchronizations
- In-built scheduler
- Monitoring and data logging

Figure 3. Running data synchronization in Primavera Gateway.

IMPLEMENTATION PARTNERS

With the ability to deploy Primavera Gateway in unique manner for each customer, Oracle Consulting and Oracle Partners will provide customer-specific feasibility assessments, implementation services, and training that focus on the customer's business process.

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USA: +1.800.423.0245 or visit www.oracle.com/construction-and-engineering

UK: +44.207.5626.827 or visit www.oracle.com/uk/construction-and-engineering

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