

# **INFORMATION MANAGED**

Project Management You Can Build On

Primavera Solutions for Engineering and Construction



**ORACLE IS THE INFORMATION COMPANY**

## Improve Project Performance, Profitability, and Your Bottom Line

Demanding owners, ineffective collaboration, and a skilled-labor shortage make successful project delivery increasingly challenging for architecture, engineering, and construction firms. They need a powerful enterprise project management solution.

Construction projects are becoming increasingly complex: project lifecycles are lengthening; skilled labor is in short supply; and effective coordination, communication, and collaboration with every project stakeholder remains difficult. All of these challenges are compounded by savvy owners who are more demanding than ever before.

Oracle's Primavera solutions for architecture, engineering, and construction firms enable them to successfully plan, manage, control, and deliver projects. The result is improved client service without sacrificing project profitability. To avoid surprises, maintain accountability, and meet your bottom line, you need a complete solution to manage all of your projects, regardless of their size—one that is available to all project contributors across your entire organization, whenever and wherever they need it. You need the Primavera project portfolio management solution.



## Business Solutions for Projects of Any Size

### **Effective Project Management**

For more than 25 years, Primavera solutions have helped architecture, engineering, and construction firms effectively plan, manage, control, and deliver projects on time and within budget. Oracle's Primavera solution for architecture, engineering, and construction project management enables you to gain visibility throughout your project and program lifecycles, eliminate inconsistent processes, and avoid costly surprises.

### **Protect Yourself Against Claims**

With Primavera applications, you can rigorously enforce a consistent process and workflow, from requests for information (RFIs) to change orders. And with the sound Primavera documenting capabilities, you can ensure accountability for all project participants as well as collaboration across the team. The Primavera product line also enables you to manage updated contracts and maintain rigorous change order processes to reduce claims.

### **Boost Profitability Through Standardization**

Primavera solutions enable you to standardize your business processes and best practices across all your projects. With everyone using common tools to communicate, you enhance project collaboration and execution. The benefits are greater consistency, meaningful metrics, and standardized reports across projects—which ultimately lead to a better bottom line.

### **Project Management—Any Time, Anywhere**

With projects located throughout the region and the world, you need a project management solution that can scale precisely to your needs. Only the Primavera product line brings you a system that is 100 percent accessible over the Web and as easy to deploy and use in your home office as it is in the field.

### **Avoid Costly Surprises**

Primavera solutions provide immediate access to critical project information for real-time, informed decision-making. With superior analysis and forecast metrics, you will spot problems early, mitigate risks, and make practical course corrections—long before a crisis occurs.

### **Optimize Labor, Equipment, and Materials**

With the Primavera product line, you can balance all resource requirements across multiple projects for labor, materials, and equipment. Its resource management and capacity planning functionality lets you identify capacity requirements for meeting future project and program needs.

“The Primavera Web-based system provides Hill’s clients with secure access to track the progress of their projects. It helps with overall customer satisfaction. By giving our clients access to the status of their projects’ progress, we’re able to provide visibility they’ve never experienced before.”

Shawn Pressley, Director of Project Management Systems and Development, Hill International



## Primavera Solutions for Engineering and Construction

The Primavera project portfolio management system enables you to plan, manage, control, and deliver projects of any size. Primavera gives each stakeholder a consolidated dashboard with exactly the tools needed for planning, managing, controlling, and delivering projects and programs. With a single, consistent interface, the delivered content and functionality are configurable for each user or group of users, whether at the project or program level. This not only minimizes training requirements and allows for quick, meaningful adoption but also enables organizations to standardize best practices to consistently deliver successful projects across all disciplines.

### Primavera P6 Solutions for Planning, Management, and Scheduling

Primavera P6 Enterprise Project Portfolio Management and Primavera P6 Professional Project Management, Oracle’s program management solutions for project-intensive industries, are the most powerful, easy-to-use project planning and program management products available today. Collaborative scheduling with interactive Gantt charts, capacity planning, and resource management enables you to manage projects of all types and sizes through a single solution. These solutions deliver high-quality project execution at all levels to help you meet your project and strategic business goals.

### Primavera Contract Management for Contract Control

Primavera Contract Management is a document management, job cost, and project controls solution that increases project management efficiency and speed while reducing schedule delays and risk. It is based on a collaborative platform, which means that project managers and project control professionals can immediately be alerted to new RFIs, answered questions, potential issues, and changes. Access to current project information—including latest drawings, approved submittals, and daily events—is readily available. With Primavera Contract Management, delay and cost exposure are minimized and completion time is reduced. As a result, you can improve project communication and quality to keep client costs low.

### A Rich, Robust Solution

The Primavera project and program management system enables you to plan, manage, control, and deliver projects of any size. Your project team can successfully deliver projects with

- Full collaboration
- Web access for all users
- Rich functionality
- Powerful and configurable dashboards
- Businesswide reporting



### **About Oracle's Primavera Solutions**

Oracle is the leading worldwide provider of project portfolio management solutions for project-intensive industries. Its Primavera project portfolio management software helps companies propose, prioritize, and select project investments and plan, manage, and control the most-complex projects and project portfolios.

## **Plan, Manage, Control, and Deliver Projects of Any Size**

### **Standardize Best Practices**

Primavera solutions prevent surprises by helping you optimize business processes and evaluate and mitigate project risks with organizationwide visibility into project-level leading indicators, project performance metrics, and actual-cost worksheets. You can perform multiple analyses—by division, owner, type of project, funding source, and more—and access real-time information for sound decision-making through intuitive, personally configurable dashboards.

### **Assess Project Performance**

Primavera solutions help you meet business objectives by aligning your projects and programs with strategic business objectives through advanced what-if scenario modeling, capacity analysis, tabular scorecards, rich graphics, and resource optimization. With powerful analytics, you can see across projects to prioritize your backlog, plan and allocate resources, proactively manage your business, and easily communicate the performance of projects and programs to stakeholders. With dynamically linked graphical analysis, you can control cash flow by quickly tracking current and future cash flow impact and other critical business metrics across your programs.



### **Control Job Costs**

With Primavera solutions, you can monitor performance across multiple projects at a glance, all the way to completion. Configurable key project performance indicators, including actuals-based performance forecasts, foster proactive action so your projects are kept on track. The program-level cost worksheet automatically collects and summarizes cost details across multiple projects, so you can track program costs at every step. You can group and organize information in an easy-to-read spreadsheet to quickly understand variances.

### **Maximize Resources and Capacity**

The Primavera product line fully supports both top-down and bottom-up resource planning. You can dynamically map out resource requirements for both equipment and personnel across your organization to ensure that you have the appropriate capacity on hand. By filtering resource requirements by specific roles or equipment types, you can quickly understand your future resource requirements across all projects.

### **Enable Collaborative Scheduling**

With Primavera solutions, you can create, schedule, and manage projects—whether simple or complex—online. With user-level security, all project participants can see and update just the information they need, so the entire project team benefits. Interactive Gantt charts support team collaboration by allowing for the addition, deletion, and modification of projects, from work breakdown structure, activities, and relationships to resource assignments and costs (given the proper security rights). The intuitive spreadsheetlike interface enables quick navigation and direct work on activity data.

### **Business Benefits**

- Deliver projects on time and within budget
- Get timely, accurate data for optimum decision-making
- Access information any time, anywhere
- Respond in real time to changing conditions
- Prevent and protect against claims
- Track and evaluate subcontractor performance
- Capture and standardize best practices



“The key to any project is the speed and accuracy of the information and the ability to deliver that information to the people who need it. Primavera products do that—and much more.”

**Shawn Pressley**  
Director of Project Management  
Systems and Development  
Hill International

### **Control Contracts and Documents**

Primavera applications help you control contracts by tracking changes and maintaining accountability across the project team through a complete, collaborative contract and document control system. You can directly monitor vendor performance, surety status, and payment requests through contract status and summary to manage contractors. Real-time updates on approved changes, pending changes, and outstanding contract balances ensure that you are in full control of obligations.

With Primavera solutions, you can pay subcontractors and vendors based on actual performance. You can opt to create, manage, and approve payment requisitions only for work done on schedule, materials ordered and delivered, and approved changes.

### **Ensure Collaborative Project Management**

Application dashboards enable the project team and executives to review and share key performance indicators (KPIs) in a single, configurable view. The integrated cost worksheet provides detailed cost information by Construction Specifications Institute (CSI) division across projects. You can quickly see all outstanding items, such as Requests for Information (RFIs) and submittals, in one place, and you can measure turnaround times and manage subcontractor performance. Primavera solutions enable you to keep your projects on track through quick reference and identification of critical issues, preventing projects from going over budget or falling behind schedule.



“Our project teams collaborate even more closely now that executives and project managers have their own personal view into project details.”

**Stuart S. Richter**, Senior Vice President, Hill International



### Manage Change

Primavera applications enable you to manage change proactively by capturing and organizing change information that affects the overall project schedule and cost. You can also standardize workflows with a change management workflow processing center, which enables you to capture each change, from the estimate phase to final approval, for both budgeted and committed costs.

### Prevent Claims

Primavera solutions enable you to track all contract documents—such as RFIs, submittals, and changes—while capturing and identifying who is responsible, when they are due, and if multiple reviewers are required. You can use a flexible workflow to create, share, and review items. Additionally, you can leverage detailed log reports to prevent claims or protect yourself from them.

### Capture Business Intelligence

In addition to the robust and powerful Primavera analytical tools, the enterprise reporting solution provides an operational data store and project star schema for greater flexibility in creating operational reports and doing business intelligence analysis on projects and programs with any third-party reporting tool. Primavera application security is leveraged to protect data, providing virtual walls between business units and users.

“Because everyone sees the same information, project control personnel can collaborate across units and do quicker, more accurate analyses of schedule input.”

**Danny Scott**  
Manager of Engineering  
Project Controls  
BE&K Engineering



### One Set of Solutions for Complete Success

For projects of any size, at any time, from anywhere, Primavera project and program management solutions enable you to manage

- Time
- Cost
- Resources
- Contracts and documents
- Risks

## Revolutionize Your Project Execution and Program Management

Amid challenging economic conditions and an era of heightened accountability, the importance of operational excellence may perhaps be at an all-time high. Architecture, engineering, and construction firms cannot afford to rely on the project delivery approach of the past. Every new project must not only be aligned with strategic business objectives but must also be delivered successfully, on time, and within budget every time. In this difficult collaboration environment, firms must leverage effective technology to maintain accountability, achieve project and program transparency, and standardize best practices to ensure ongoing business success.

For 25 years, businesses have embraced Primavera project and program management solutions to make better decisions, improve project delivery, and effectively prioritize projects and resources to deliver tangible business value. Oracle's comprehensive, end-to-end set of project and program management solutions is designed to reflect the unique business processes and challenges that architecture, engineering, and construction firms face today, enabling them to

- Proactively manage projects
- Gain visibility into project performance
- Accurately forecast to completion
- Improve project team collaboration
- Develop, capture, and implement the right risk mitigation strategies
- Align project selection with your strategic business objectives

See how Oracle can help you implement, roll out, and maximize your Primavera solutions, and run a better project—organizationwide.

### CONTACT US

For more information about Oracle's Primavera solutions, please visit [oracle.com/primavera](http://oracle.com/primavera) or call +1.800.ORACLE1 to speak to an Oracle representative.

Outside North America, visit [oracle.com/corporate/contact/global.html](http://oracle.com/corporate/contact/global.html) to find the phone number for your local Oracle office.





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