

INFORMATION MANAGED

Capital Program Management for Public and Private Owners

Primavera Solutions for Engineering and Construction



ORACLE IS THE INFORMATION COMPANY

Ensure Capital Planning and Execution Success

With increasing project complexity, a vast array of players, and tight capital funds, completing jobs on time and within budget is becoming more challenging. Organizations need powerful enterprise project management solutions.

As the owner of a private or public capital project, you know the importance of successfully completing your programs on time and within budget. With the increasing complexity of today's projects, the vast array of players involved, and tight capital budgets, this is becoming more difficult.

Oracle's Primavera solutions for architecture, engineering, and construction enable owners to make real-time, informed decisions on the projects that affect their business. Whether managing capital facilities budgets, contractors, resources, or risk, Primavera solutions ensure higher project success rates on an ongoing basis.

You need a set of capital program management solutions that will help you plan the right projects, coordinate contractors, maintain visibility into all project work, keep costs in line, and deliver your projects on time, every time. You need Primavera project portfolio management solutions.



Get Your Facilities and Infrastructure Up and Running on Time, Every Time

"Throughout the lifecycle of a project, the district's Resources, Engineering, and Operations Departments each have varying responsibilities. But in the past, the lack of a unified project management capability made project handoff, conflict resolution, and traceability very difficult. Now we can source, create, track, manage, and review a project across the organization through Primavera solutions."

Gopal Veeramachaneni
Senior Civil Engineer
Las Vegas Valley Water District

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. The Primavera solutions for capital delivery and maintenance programs enable you to gain visibility throughout your project and program lifecycles, eliminate inconsistent processes, and avoid costly surprises.

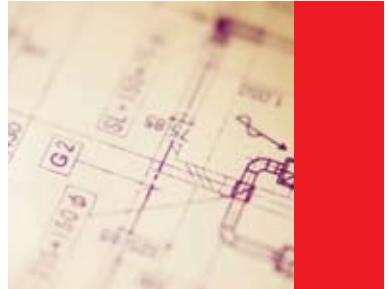
With easy-to-deploy and easy-to-adopt Primavera solutions, you can ensure that your portfolio of projects and programs will stay on schedule and on budget. You can also effectively manage your resources, contracts, and contractors while proactively tackling change. Primavera solutions help you solve problems along with your contractors, keeping everyone in the know while reducing claims.

Meet Your Time-to-Market Requirements

For every day your program is late, your organization suffers direct and indirect costs. Primavera solutions help you prioritize your portfolio of projects, see precisely where each project stands at any moment, and forecast project performance to completion—helping you proactively keep your contractors on track to meet your program and business objectives.

Protect Yourself Against Claims

With the Primavera product line, you can rigorously enforce a consistent process and workflow—from requests for information (RFIs) to change orders. And with sound documenting capabilities, you can ensure collaboration and accountability for all project participants. Primavera solutions also enable you to manage updated contracts, speed change order processes, and complete projects faster. The result is a reduced potential for claims.



Avoid Costly Surprises That Affect Your Funding

Coming up with additional funding to complete your capital programs late in the game is almost impossible. Primavera solutions provide immediate access to critical project information for real-time, informed decision-making. With superior analysis and forecast metrics, you can spot problems early and make practical course corrections, avoiding the need for additional funding.

Manage Contractor Performance

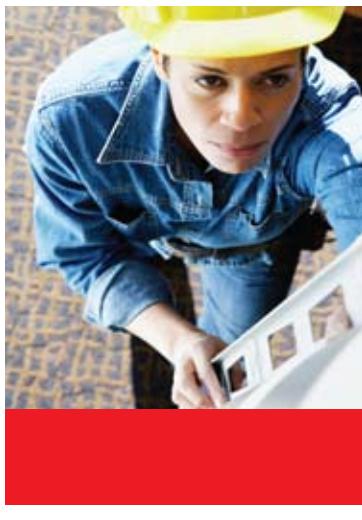
Primavera solutions enable you to receive regular status updates directly as well as track and evaluate contractor performance across projects. You can establish performance metrics and directly see what contractors are doing, how productive they are, and when to release progress payments.

Achieve Consistent Program Success Through Standardization

With Primavera solutions, you can standardize your business processes and best practices across all projects and programs. When all stakeholders are using common tools to communicate, collaboration and execution are enhanced throughout your programs. The benefits are greater consistency, more-meaningful metrics, and standardized reports across projects, which ultimately lead to consistent achievement of business objectives.

Business Benefits

- Forecast cost at completion
- Get timely, accurate data for optimum decision-making
- Simplify contract control
- Access information anytime, anywhere
- React to changing conditions in real time
- Prevent and protect against claims
- Account for all program costs as they are incurred
- Track and evaluate contractor performance
- Capture and standardize best practices



Primavera for Engineering and Construction

"Local project teams are able to report their required metrics quickly and easily, and program managers spend far less time chasing information by phone. In 2007 using Primavera solutions saved us at least RMB 9.3 million (US\$1.3 million) in administration costs alone."

Zhongli Wan
Senior Project Manager
China Vanke

The Primavera Web 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.



Ensure Capital Planning and Execution Success

Effectively Execute Capital Plans

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. By leveraging 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.

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.

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.

Other systems provide up-to-date information that can lead you to believe that your projects are performing well. Primavera solutions' project-level forecasts help you identify potential problems early. With the ability to easily drill down into project details, you can resolve problems before they affect project performance.

"If you fail on the communications front, you've got a real project management problem. We're working with designers, engineers, environmental experts, and other service providers, and we recognized the risk presented by poor project communications management. We knew we had to have a highly effective communications bridge to support the collaborative work. Our Primavera Web tools provide us with that one-stop project management shop we were striving for."

John Savage
Project Controls Manager
Northern Gateway Alliance



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.

Control Program Costs

With Primavera solutions, you can monitor the performance of 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.

Ensure Collaborative Project Management

Application dashboards enable the project team and executive stakeholders to review and share key performance indicators (KPIs) in a single, configurable view. The integrated cost worksheet provides detailed cost information by cost categories across projects, keeping contractors on time and within budget. You can view critical activities and keep your contractors on track through quick reference and identification of critical issues, preventing projects from going over budget or falling behind schedule. Dashboards also enable you to see all outstanding items, such as RFIs and change orders, in one place and measure turnaround times and manage contractor performance.

Control Contracts and Documents

The Primavera product line helps 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 contractors 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.

"We were able to manage the runway program with Primavera solutions and see the status of all the projects in one view. These very intuitive solutions help us keep track of where we are on the program at any given time."

Dwight Pullen, Assistant Director of Airfield Planning and Development, City of Atlanta
Department of Aviation



Manage Change

Primavera solutions enable you to manage change proactively, 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 budgeted as well as committed costs.

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 to create operational reports and business intelligence analysis on projects and programs by use of any third-party reporting tool. Primavera application security is leveraged to protect data, providing virtual walls between business units and users.

Enable Collaborative Scheduling

With Primavera solutions, you can review, manage, and approve project schedules from all contractors online. User-level security means that project participants can see and update just their respective information. Interactive Gantt charts support team collaboration, by allowing for the addition, deletion, and modification of projects. You can easily keep on top of benchmarks and final closeout at a single glance.

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.

A Rich, Robust Solution

The Primavera Web project portfolio 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



Revolutionize Your Program Management and Capital Investment Process

One Set of Solutions for Complete Success

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

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

Amid challenging economic conditions and an era of heightened accountability, the importance of operational excellence may perhaps be at an all-time high. Capital owners cannot afford to make bad decisions and must proactively manage their capital programs to ensure value and business success; every investment must be aligned with strategic objectives and positioned to succeed. Failure to deliver expected results will deplete resources and erode productivity.

For 25 years, capital owners have embraced Primavera enterprise project and program management solutions to help them make better investment decisions, improve governance, and effectively prioritize projects and resources to deliver tangible business value. Oracle's comprehensive, end-to-end set of project and program management solutions for capital delivery is designed to reflect the unique business processes and challenges that owners face today. Deploying these solutions enables you to

- Select the right capital programs and projects
- Allocate and control funding
- Proactively manage delivery to completion
- Improve project team collaboration
- Ensure that you gain the full value from your capital programs investment
- Complete more projects successfully and with the intended return on investment

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 or call +1.800.ORACLE1 to speak to an Oracle representative.

Outside North America, visit oracle.com/corporate/contact/global.html to find the phone number for your local Oracle office.



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