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HARDWARE.  
COMPLETE.**



## Plan and Execute the Right Projects— Easily and Affordably

| Primavera Enterprise Project Portfolio Management Solutions

**ORACLE®**

Deliver All Your Projects  
and Programs on Time  
and Within Budget



To achieve project and program success, you must choose the right projects for the greatest business value. You must also effectively plan, manage, and control your projects—both large and small.



Projects and programs are becoming increasingly complex. Economic uncertainty is putting a new level of pressure on teams and programs to execute well. Businesses are struggling to react quickly to fluctuating markets and changing business demands. Executives are demanding more project visibility. Distributed teams require around-the-clock collaboration and coordination, as well as the ability to successfully navigate change throughout the project lifecycle.

Today's project and program managers need tools that deliver the necessary project insight to maintain project schedule and budget commitments. And they need the ability to integrate project and program resources with other departments and at other locations to ensure project success.

Oracle's Primavera enterprise project portfolio management solutions enable project-driven organizations to intelligently manage their programs and projects—from small and simple to large and complex. Primavera solutions can help you make better portfolio management decisions by providing end-to-end, real-time visibility into all relevant information. You can determine whether you have sufficient resources and team members with the right skills to accomplish the work. Primavera solutions help you evaluate the risks and rewards associated with projects and programs. You get the project management, collaboration, and control capabilities you need to manage change and successfully deliver projects on time, within budget, and with the intended quality and design. Plus, you can interoperate with ease—across the enterprise—with Primavera's flexible integration capabilities.

**FACT:** 90 of the top 100 engineering and construction firms use Primavera enterprise project portfolio management solutions.



#### **PRIMAVERA ENTERPRISE PROJECT PORTFOLIO MANAGEMENT SOLUTIONS**

Oracle's Primavera enterprise project portfolio management solutions combine industry leadership and an integrated technology platform to meet your project and program management needs. Primavera enterprise project portfolio management solutions include

- Primavera P6 Enterprise Project Portfolio Management
- Primavera P6 Professional Project Management
- Primavera Portfolio Management
- Primavera Risk Analysis
- Primavera Contract Management
- Primavera Earned Value Management

## Managing Project Portfolios from Prioritization to Delivery

Project and program managers must take a highly strategic approach to selecting, authorizing, and funding projects. You need to choose the best projects and effectively manage them throughout their lifecycles. Yet without the right tools and processes, you'll find it tough to select the right projects and deliver them on time and within budget. For project and program success, you need the capabilities to

- Prioritize projects based on strategic objectives and your organization's tolerance for risk
- Make the best use of limited resources
- Improve coordination by collaborating across the enterprise and beyond
- Manage large programs with multiple suppliers and subcontractors
- Increase team productivity and the speed of project delivery
- Bring the right products to market within market windows
- Improve governance and accountability, and meet regulatory requirements
- Manage short-duration, high-intensity projects such as shutdowns
- Avoid and protect against claims on construction projects

### Getting Projects Headed in the Right Direction

Primavera enterprise project portfolio management solutions help you strategically and predictably plan your projects and programs to give them the best opportunity for success. With Primavera, you can choose project and program portfolios with the highest risk-adjusted returns. After you've identified the right programs and projects to implement, you can accurately forecast all costs, schedules, and resource demands. Later, you can easily adjust the project mix when things change. You can also better align the right people for your projects and identify the team best suited for your high-value projects. Even more, the flexible Primavera design enables you to customize and scale the applications to meet the needs of the various roles, functions, and skill levels in your organization and on your project teams.

And with a single solution platform for managing projects of any size or any complexity, you're assured solid, ongoing return on your technology investment.

*“Oracle’s Primavera Risk Analysis increases our confidence in our ability to understand risk and deliver on our reported budgets.”*

**Paul Green**, Head of Enterprise Risk Management, Petrofac Limited

### **Delivering Projects on Time and Within Budget**

Staying informed about every aspect of every project is a tall order for most companies. But with Primavera enterprise project portfolio management solutions, project-intensive businesses can effectively manage and execute the entire project or program lifecycle from beginning to end, offering the control you need for success.

Primavera solutions streamline processes, improve efficiencies, and help you deliver your projects faster, with higher quality, and at a lower cost. Though they’re powerful and robust, the applications are easy to implement and use, which can increase productivity on your project and program teams. With real-time, secure collaboration any time, anywhere, and across functions, your teams can better coordinate their efforts and make smarter decisions.

Along the way, Primavera solutions help you adapt to various levels of complexities within your projects, particularly regarding changes in your project and program environments. Real-time visibility into projects enables you to assess the impact of project changes and respond strategically. The solutions also help you plan for and mitigate unexpected risks. In addition, by enabling you to monitor performance and manage change orders dictated by the client, you have the ability to continuously manage the fluctuating demand for critical resources and skills.

### **TAILORED FOR PROJECT-INTENSIVE INDUSTRIES**

Oracle offers best-in-class project portfolio management solutions focused on the mission-critical requirements of project-intensive industries including

- Engineering and construction
- Aerospace and defense
- Utilities
- Oil and gas
- Industrial manufacturing
- Public sector
- Financial services
- Chemicals

### **PERFECT FOR PROJECT-FOCUSED BUSINESS FUNCTIONS**

Oracle’s project portfolio management solutions are also suited for any company with project-focused business functions such as

- Construction program management
- Capital asset maintenance
- Software system development and deployment
- Enterprise investment portfolio management
- Resource productivity and capacity planning
- Product design, manufacturing, and implementation program management

*“We plan our major projects very successfully using Oracle’s Primavera solutions. For resource and risk management in particular, we find Oracle’s Primavera solutions indispensable, as delays can translate to significant losses.”*

**Dr. Jörg Baumbach**, General Project Leader, Plant Design and Execution, AVANCIS GmbH & Co. KG



**CASE IN POINT:**  
**AVANCIS GMBH & CO. KG**

The first company to begin serial production of copper indium diselenide thin-film solar cells needed to improve project efficiency and reduce project risk in its major plant construction projects.

AVANCIS turned to Primavera P6 Enterprise Project Portfolio Management and Primavera Risk Analysis, enabling the company to

- Implement sound risk management principles, reducing the risks associated with projects such as delays in delivery and resource shortages
- Enhance project planning methodologies and adherence to schedules
- Improve precision in managing major projects

## Assembling the Best Project Portfolio

Primavera solutions streamline processes, improve efficiencies, and help you deliver your projects faster, with higher quality, and at a lower cost. Though they’re powerful and robust, the applications are easy to implement and use, which can increase productivity on your project and program teams. With real-time, secure collaboration any time, anywhere, and across functions, your teams can better coordinate their efforts and make smarter decisions.

### Considering Potential Projects

To choose the right programs and projects, you need rich yet easy-to-use investigative tools. Primavera enterprise project portfolio management solutions give you the capabilities to assess all aspects of the programs and projects under consideration. You can identify major risk factors such as the impact of cost errors and the effect of contingencies on costs and timing. And you get the insight you need to understand the impact of particularly aggressive schedules. Primavera helps you assess resource needs, timelines, funding, and cash flow. And because the solutions are flexible and scalable, you can handle any increases in the number, size, scope, and complexity of projects and programs to consider.

### Choosing Projects for Maximum Value

For the best return on your project and program investments, you need to carefully select your projects and programs after thorough analysis. Primavera enterprise project portfolio management solutions enable you to focus on the right projects, aligning project portfolios with organizational goals and the broader market dynamics. With Primavera, you can accurately identify the most-valuable projects in the pipeline, prioritizing projects and programs based on financial considerations, risk tolerance, timelines, resource constraints, and so on. Ultimately, Primavera helps you achieve the maximum return on your investments in your projects and programs.

*“With Oracle’s Primavera applications, we were able to improve our internal communication processes and replace multiple spreadsheets with one easy-to-use database for all project information.”*

**Robert Perine**, Constructability Review Engineer, Delaware Department of Transportation

## Delivering End-to-End Visibility for Improved Decision-Making

Many companies lack the integrated technology infrastructure and robust applications that enable team members and management to make the right project and program decisions. With access to trusted information and the right tools, project and program managers can deliver projects on time and within budget.

### Seeing Beyond the Technology Barriers

Project teams and program managers often struggle to find the actionable information they need to properly assess project status and make strategic project and program decisions. Instead, they’re forced to depend on fragmented information spread across disparate systems throughout the enterprise. Primavera’s integrated solution set and analysis tools offer end-to-end visibility and transparency, along with sufficient program and project details to ensure successful planning and management. And because Primavera is flexible and built on open industry standards, you can easily integrate it with other enterprise software, such as financial management and human capital management applications.

### Improving the View for Better Decision-Making

Primavera solutions provide a comprehensive, real-time view of all projects, enabling deep understanding and proactive decision-making. Primavera enterprise project portfolio management solutions include a centralized repository of enterprise project information. When integrated with other systems, such as your financial management applications, you can view a single version of the truth for each and every project. Personalized dashboards offer project portfolio insight and role-based analysis for tracking your internal and external project workforce and maximizing productivity. Primavera provides the transparency to track project and program cash flow, plus monitor performance versus plan. With tools to accurately forecast project completion dates and costs against estimates, you can make strategic adjustments throughout the project lifecycle and confidently make and keep commitments to customers. In addition, Primavera offers tools and best practices that allow you to provide realistic status and value reporting to stakeholders and regulatory bodies.



### CASE IN POINT: DELAWARE DEPARTMENT OF TRANSPORTATION

The agency needed to improve workflow, streamline processes, enhance project-related communication, and expand project visibility.

After implementing Oracle’s Primavera applications, the Delaware Department of Transportation benefited by

- Eliminating dozens of spreadsheets, streamlining processes, and improving the accuracy of information
- Improving project visibility, productivity, and rate of on-time project delivery
- Enabling better project planning and projection, raising government performance grades and enabling additional funding

**FACT:** 12 of the 15 U.S. federal cabinet agencies use Primavera enterprise project portfolio management solutions.

**FACT:** 9 of the top 10 aerospace and defense contractors use Primavera enterprise project portfolio management solutions.

*“Oracle’s Primavera applications helped facilitate the implementation of an enterprise project management system.... This has enabled us to execute faster, while enhancing transparency across the project ecosystem and ensuring consistent and repeatable project processes.”*

**Gopal Veeramachaneni,**  
Senior Civil Engineer, Las Vegas  
Valley Water District

**CASE IN POINT: LAS VEGAS  
VALLEY WATER DISTRICT**

Providing water to the Las Vegas valley, the agency needed improved communications and better accountability on its many projects.

With Oracle’s Primavera P6 Enterprise Project Portfolio Management and Primavera Contract Management, the agency realized

- A unified project view for all participants and stakeholders
- Enhanced fiscal accountability to customers
- Improved productivity and reduced resource needs and related costs

## Enabling Real-Time Collaboration

Local and global teams alike need to collaborate to successfully deliver all projects—large and small—with the highest-quality results. Yet for those charged with doing the work, information is often difficult to access or nonexistent. Nonetheless, teams and management remain fully accountable for achieving milestones and project success.

### Overcoming Roadblocks to Productivity

When project teams and entire programs lack the means to collaborate effectively with others both locally and globally, projects suffer—and so does productivity. Teams have to work harder to navigate subpar communication and reporting channels, and that can result in missed project milestones and poor project results. Too often, groups function as silos using standalone systems, or they must depend on inefficient project systems. Primavera solutions help project and program teams overcome these roadblocks to productivity.

### Weaving Teams Together

Primavera enterprise project portfolio management solutions enable the fluid, end-to-end communication needed for individual insight, team productivity, and project success. With real-time collaboration between local and global teams across the value chain, you can better manage resources, including dispersed and outsourced teams, because all contributors are on the same page. Management can communicate schedule or budget changes to all program resources, and teams can engage through strong feedback mechanisms. This results in reduced financial and performance risk and increased client satisfaction. And by improving coordination, you can increase productivity and meet project schedule and cost commitments while speeding project delivery.



*“Oracle’s Primavera applications helped us gain efficiency and foresight in contract management, as well as follow our plan and hit all of our key scheduled milestones.”*

**Shawn Pressley**, Vice President of Project Management Systems and Development, Hill International, Inc.

## Improving Your Agility in Changing Times

Change is a fact of life for projects and programs of any size. But when you lack the tools and processes to deal with client demands and project changes effectively, projects suffer and costs rise. With the right capabilities and processes, you can quickly and strategically respond to unexpected project variables and changes.

### Bracing for the Changing Tides

Given the dynamic nature of the project environment, program and project managers need to understand the uncertainty inherent in any given project. Nonetheless, management is still often caught off guard when changes arise during the project lifecycle. This can result from poorly defined change management processes, a lack project visibility, and inadequate analysis tools. And when management isn’t equipped to deal with change, you face unnecessary shortages, cost overruns, missed deadlines, unsatisfied clients, and more. But Primavera can help—by delivering effective change management processes and the project insight necessary to ride the tides of change.

### Managing Change Throughout the Project Lifecycle

In the face of change, you can count on the flexibility of Primavera solutions to help you keep up with evolving customer needs and fluctuating market demands. You can easily adjust project plans to adapt to any changes, and then immediately assess the impact of your adjustments. Primavera solutions increase project and program visibility into critical issues and changing needs. This fosters improved accountability among team members, and increases your ability to tie resources to change management processes. In this way, you mitigate risk while effectively dealing with unavoidable changes—to your budget, the project scope, client needs, and more. With real-time key performance indicators, metrics, and financial data, you get deep analytical capabilities and advance warnings to reduce the risk of cost and schedule overruns and any resulting contract penalties.



#### **CASE IN POINT: HILL INTERNATIONAL**

The eighth-largest construction management firm in the U.S. faced complex project management challenges, particularly related to its US\$400 million Comcast Center construction project. Management needed to perform design review, document control, cost estimating, and scheduling—and complete the project on time and within budget.

After implementing Oracle’s Primavera P6 Enterprise Project Portfolio Management, Primavera Contract Management, and Primavera Risk Analysis, Hill International was able to

- Track costs and gain insight into change orders and forecasts
- Identify common scheduling pitfalls and quickly remedy them
- Maintain and adhere to project schedules
- Resolve changes, make payments on time, and avoid claims

**FACT:** 13 of the top 15 utilities organizations use Primavera enterprise project portfolio management solutions.

**FACT:** 10 of the top 10 oil and gas companies use Primavera enterprise project portfolio management solutions.

## **ACCELERATE YOUR TRANSFORMATION**

### **ORACLE CONSULTING**

Oracle Consulting focuses exclusively on ensuring the success of companies deploying Oracle Applications and technology. Our experts deliver on Oracle's commitment to helping you benefit from a trusted lifetime partnership with Oracle and achieve your business goals.

### **ORACLE SUPPORT**

Oracle Support is leading the industry in helping customers meet their business and technology goals. Our superior support track record and long history of industry recognition demonstrate our commitment to providing you with world-class support. With greater IT efficiency and exceptional operational and infrastructure management and support, Oracle Support can help move your business forward.

### **ORACLE TRAINING**

Oracle University courses are available in a variety of training formats for flexible learning options. In addition to courses taught in our classrooms worldwide, we offer live interactive courses online, self-paced learning, classes at your own site, and customized training.

## Keeping the Right Projects on the Right Track

Primavera project portfolio management solutions put you ahead of the game before you even start your projects. Primavera solutions are easy to implement and easy to use, and they give you the insight you need to make highly strategic decisions about which projects and programs have priority. With Primavera, you have the tools to evaluate the risks and rewards associated with projects and the confidence to assemble the project portfolio with the greatest business value. End-to-end visibility into project and program activities gives you the decision-making finesse to drive efficiency and results. Real-time collaboration keeps teams running smoothly, and keep projects and programs on track. And process and system flexibility, along with ongoing business insight, gives you the agility you need to plan for and effectively respond to change.

### **Choosing the Most Comprehensive Solutions**

Oracle's Primavera enterprise project portfolio management solutions are the industry's most comprehensive solutions for project-driven organizations and their demanding project and program environments. Even more, these solutions are flexible enough to easily integrate with enterprise applications from Oracle and other vendor solutions as well. With tight integration and a single source of truth for your projects, programs, and portfolios, you can overcome the fragmented processes that lead to a lack of business alignment, low predictability in project execution and performance, and inconsistency in business decision-making. Count on Oracle's proven approach to delivering end-to-end, integrated business processes, applications, and technology. With Oracle, you get best-practices project and program management—and the capabilities to deliver quality projects on time and within budget.



#### CONTACT US

For more information about Oracle's Primavera enterprise project portfolio management solutions, please visit [oracle.com/primavera](http://oracle.com/primavera) or call +1.800.423.0245 to speak to an Oracle representative.

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