

# INFORMATION CONNECTED

Business Solutions for the Utilities Industry

Primavera Project Portfolio Management Solutions



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## Achieve Operational Excellence with Robust Project Portfolio Management Solutions

The utilities sector today presents new challenges, with changing business models, increasing competition, and expansion into new markets. The ability of companies to produce and deliver cost-effectively is still a key measure of success.

And yet, as industry complexity increases, there's greater regulatory pressure, customers are demanding lower energy bills, and there's a shortage of skilled workers. To maintain customers and increase stakeholder value, utilities must avert costly downtime, prevent outages, and ensure continuity of service. They also need to address long-term energy demands by expanding operations or enhancing existing ones to drive future growth. How can a utility succeed in a marketplace this challenging? By using Primavera solutions from Oracle.

Primavera applications are the leading project portfolio management solutions for the utilities sector. These powerful utilities solutions enable you to effectively select, plan, and execute projects across the entire organization and facilitate successful completion of portfolios for a diverse range of projects, from power generation to transmission and distribution—as well as meeting the needs of water utilities. The Primavera platform offers a single set of solutions for managing outages, daily maintenance, and capital expansion projects of all sizes. It also helps you institutionalize best practices and methodologies to achieve repeatable success.



## Real-World Answers to Your Toughest Issues

### Primavera Solutions for the Utilities Industry

Utility companies can use Primavera project portfolio management applications to gain operational efficiencies across the enterprise to

- Effectively manage their entire project portfolio
- Deliver projects across generation, transmission and distribution, and new clean-energy ventures
- Successfully execute capital expansion and maintenance projects
- Optimize a diminishing but highly skilled workforce
- Monitor budget allocations against key performance indicators (KPIs)
- Improve their resource planning and utilization
- Predict and mitigate the impact of weather, competition, and government regulation

Primavera solutions will help you address all of these critical questions and more.

### Which Investments Are Best Aligned with Your Strategic Goals?

The Primavera product line helps you identify the best mix of projects to invest in, at an acceptable level of risk, while ensuring that they are aligned with your objectives. New business models and portfolio analyses are necessary to remain competitive and to expand into new markets. Primavera solutions enable you to analyze risk and change through project simulation. By developing what-if scenarios, you can assess several models at one time to predict potential impacts on—and likely outcomes for—your business.

### How Can You React Faster to Project Changes?

Primavera solutions provide you with the latest project information—accessible any time, anywhere. Through a standard framework that ensures data accuracy and reliability, these solutions provide the right information to the right people at the right time, including contractors. The result is an improved decision-making process. And when the inevitable changes occur, Primavera solutions enable you to pinpoint potential delays and develop contingency plans to avoid loss.

### How Do You Minimize the Effects of a Shrinking Labor Pool?

The best strategy is to increase employee productivity through better planning and allocation of your resources. The Primavera product line offers a central platform for project intelligence that increases organizational competence, provides a common framework for enterprise project management, and helps new hires quickly get up to speed.



### **How Well Are Your Projects Performing?**

Primavera solutions' powerful dashboard capabilities provide clear, high-level visibility into all your projects and resources—across business units and regions—enabling you to see at a glance exactly where your projects stand, how to improve their performance, and how to quickly manage change.

### **Is Your Team Communicating?**

Working with partners that use their own planning and scheduling systems can seriously jeopardize collaboration and productivity. With the Primavera platform, you can standardize these processes across business units, partners, and contractors so that all are using common, up-to-date information for improved communication and decision-making. The result with these collaborative solutions is effective, repeatable project execution across the enterprise.

### **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.



“Primavera dramatically streamlines the task of the construction analysts (schedulers) who previously were buried in the paperwork and required to monitor thousands of activities every week. Now, they can simply assign activities by selecting them and clicking on the crew they want to do the job.”

TXU Energy

### **One Set of Solutions for Complete Success**

Primavera project portfolio management applications are a single set of solutions for managing

- Program portfolios
- Projects of all sizes
- Schedules, costs, resources, and contracts
- Risk mitigation
- Change management

## **Discover the Power of Primavera**

For a quarter century, the Primavera project portfolio management software platform has been an established global leader in solutions for the utilities industry. 60 percent of the world’s top utilities manage outages and capital projects with Primavera solutions, and some of the largest nuclear power plants rely on these solutions to execute turnaround activities.

Primavera solutions for utilities are powerful, easy to use, and scalable for projects and programs of all sizes. They meet the project needs of your entire organization, including requirements of engineering, capital, outages, procurement, and maintenance departments. Primavera software innovations enable customers to implement a solution that’s right for them. Team members in all departments get the information they need in order to run a more successful project.

### **Primavera P6 Enterprise Project Portfolio Management**

Primavera P6 Enterprise Project Portfolio Management is the most powerful, easy-to-use project and program management solution available today. Its superior technology enables organizations to meet budget and deadline commitments by managing schedules, resources, and costs across all projects and programs. It delivers high-quality project execution and appropriate visibility at all levels with these robust capabilities:

- Ubiquitous Web access for all users
- Rich, easy-to-deploy functionality
- Powerful dashboards for greater visibility



### **Primavera Risk Analysis**

Primavera Risk Analysis is a full lifecycle risk analytics solution that helps organizations understand and plan for project portfolio uncertainty by using advanced Monte Carlo–based cost and schedule analysis. The application provides a comprehensive means of determining confidence levels for project success, together with quick and easy techniques for determining contingency and risk response plans.

Organizations can support project governance and financial planning by modeling risks, calculating most-likely completion times, and analyzing the cost and schedule impacts of mitigation scenarios. Together, these form the basis of a “risk-adjusted schedule,” which today is becoming critical within the planning and scheduling process, especially given the uncertainty of the current economic environment.

### **Primavera for ERP Applications**

Primavera for enterprise resource planning (ERP) applications aligns project budgeted costs and schedules in user-friendly applications that integrate easily with Primavera project portfolio management solutions and your ERP applications. Primavera solutions help organizations reduce project risks and meet critical delivery dates by effectively forecasting and managing costs, schedules, and resources.

Fact: Since 1983, Primavera solutions have been meeting the project portfolio management needs of the world's largest utilities, and 60 percent of the world's top utilities use the Primavera platform.



## Business Insight for Success Across the Enterprise

Primavera solutions provide the acute business insight you need for planning, managing, and controlling your projects—from selection of the best opportunities to final execution.

- **Select the right programs and projects:** Determine your investment strategy for expanding plant capabilities, switching fuels, making technology upgrades, and doing mergers and acquisitions. Identify, prioritize, and select the best enterprise investment opportunities, based on risk tolerance and resource constraints.
- **Quantify project risk:** Primavera solutions help you determine confidence levels for project success while easily identifying contingency and risk response plans. Analyze risk based on raw materials costs, available labor services, financing for capital-intensive projects, proposed regulatory changes, and new-technology upgrades. Quickly evaluate your schedule maturity and your risk readiness. Plan for the occurrence of unforeseeable obstacles due to factors such as weather, accidents, and vendor delays.
- **Streamline decision-making across all projects:** Primavera solutions help you align all projects by defining the scope of work and executing it. Easily customizable screens can showcase project status, budget, perceived risk, cost variance, and a project score—based on the latest information. Gain operational efficiencies, effectively planning, executing, and managing all expansion, maintenance, and outage activities. Get a snapshot view of projects with easy-to-understand graphics and charts. Quickly drill down to get project details.
- **Monitor costs and performance:** The Primavera platform's common database design offers complete visibility into project performance. View cost and KPIs for all projects. Access all your project and performance data across business units and regions. Use dashboards to streamline decisions before costs get out of hand. Graphically highlight problem areas, and drill down to the details to make appropriate changes.





- **Collaborate for effective project execution:** Review, manage, and approve project schedules from all project participants online. With user-level security, individual project members—including contractors—can see and update only their own information.
- **Increase resource use:** Track demand for resources, and address staffing requirements. Primavera solutions enable you to optimize your use of resources with better labor, equipment, and funding capacity planning. Centralized data is accessible to everyone on the team, improving communication and making it easier to address shortages and coordinate on-site labor, materials, and equipment. These solutions enable you to easily manage numerous diverse resources across multiple projects.
- **Quickly adjust to project change:** Streamline the decision-making process and manage change faster by getting up-to-date information in a customized format—any time, anywhere. Flag issues, make desired changes, collaborate easily, and manage the results. Access information on project status, drill down to the detail, review issues, and make changes on the fly. Easily customize screens to meet your needs. Include comments by line item for faster resolution.
- **Implement earned value management (EVM):** Monitor critical earned-value metrics to track contractor progress. Provide contractors with direct access to the schedule for timely and accurate project updates. Create standard and custom reporting that meets EVM requirements.
- **Control contracts and documents:** Track changes and maintain accountability across the project team with a complete collaborative system for controlling contracts and documents. Manage contractors better by directly monitoring vendor performance, surety status, and payment requests, with contract status and summary views. Real-time updates on approved and pending changes and on outstanding contract balances ensure that you are in full compliance with obligations.

### **Oracle Gets You Up and Running**

When you choose a Primavera application, you get more than just an industry-leading project portfolio management solution. You also get a full range of services and support to ensure your operational success. Oracle—as well as its extensive network of Primavera authorized representatives and service partners—offers a full range of services and support to ensure your operational success.

With decades of experience represented among its members, Oracle's Primavera project implementation team has learned vital lessons about the realities of implementing project management systems. When you purchase a Primavera application, you'll benefit directly from this experience as the team helps you implement, roll out, and maximize the use of your Primavera solution.



## Optimize Investment and Project Success with Applications for the Utilities Industry

You don't face the same project and resource management challenges as everyone else, so why use one-size-fits-all software? Only Oracle has a comprehensive project and resource management platform to meet your unique business needs for the utilities industry. Deploying Primavera project portfolio management applications from Oracle will help you successfully navigate complex utilities challenges, including

- Plant expansion and construction
- Increased maintenance of existing assets
- More regulatory compliance requirements
- The effects of natural events, shifting populations, and a renewed focus on clean energy
- A complex market landscape and environment
- Diminished critical competencies caused by loss of skilled labor

### CONTACT US

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





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