

INFORMATION CONNECTED

Solving Business Problems for the Oil and Gas Industry

Primavera Project Portfolio Management Solutions



ORACLE IS THE INFORMATION COMPANY

Achieving Strategic Goals in the Complex World of Energy

Oil and gas companies are struggling to balance capital project investment for long-term global growth against a worsening backdrop of slackening short-term demand. The companies that will succeed are turning to Oracle.

In an era marked by ever-increasing fluctuations in global energy demand, rising exploration and production costs, and a growing call for alternative energy sources, today's oil and gas companies are both rebuilding older infrastructures and incorporating new technologies to unlock upstream and downstream production. But how do they do so—and remain competitive—while still managing current projects through to successful completion? With the help of Oracle's Primavera project portfolio management applications—that's how.

The Primavera project portfolio management product line has been delivering project portfolio management solutions to the world's largest oil and gas enterprises since 1983. Primavera applications enable such companies to manage projects of all sizes and complexity. Primavera solutions integrate with other critical systems to ensure accurate, accessible information for each organizational area touched by a project. The result: better organizationwide collaboration and streamlined decision-making at all levels.



Business Insight for Success Across the Enterprise

Primavera Solutions for the Oil and Gas Industry

Oil and gas companies can use Primavera project portfolio management applications to

- Identify and select the best exploration and production opportunities
- Invest in and deliver projects with superior returns
- Effectively maintain and increase the efficiency of existing assets
- Coordinate existing resources and quickly train new talent
- Monitor budget allocations against key performance indicators
- Maximize labor pools globally through an integrated approach
- Build end-to-end solutions to establish best practices across the enterprise

As oil and gas companies grapple with a decline in global demand, they must still plan and execute the projects—both current and future—that will drive their businesses now and in the days ahead. To do so efficiently, these organizations must ask—and answer—several questions.

Which Capital Projects Should Be Authorized?

Rapidly changing global energy demand means that increased exploration and capital project investments require a higher degree of rigor and analysis before commitment. Primavera project portfolio management applications provide the accurate data you need for identifying, prioritizing, and selecting the right upstream and downstream projects to meet your short- and long-term business objectives.

What Are the Risks Involved with a Given Project, and Which Are Worth Taking?

All oil and gas industry projects entail an element of risk. The challenge comes in accessing, managing, and proactively mitigating the risk. Primavera software solutions enable you to do just that, by providing the powerful yet easy-to-understand analytics you need for predicting likely outcomes as well as averting costly and time-consuming mistakes. Primavera project portfolio management applications make it possible for you to address problems long before they become a crisis, and they enable you to quickly implement change.



How Can the Effects of a Shrinking Labor Pool Be Minimized?

Primavera software solutions enable you to get more out of your diminishing workforce, by increasing employee productivity. Better resource planning and allocation occur as a result—which, in turn, ensures timely use of all resources. Through a centralized platform of project intelligence, Primavera applications increase organizational competence, provide a common framework for project management, and help new hires get up to speed quickly.

Are Projects Well Managed?

Primavera project portfolio management solutions offer clear, concise visibility into all of your projects and resources. The result: you can always get at-a-glance information about where your projects stand, how you can improve their performance, and how you can quickly and effectively manage change.

Is Your Project Team Working as a Team?

Poor communication and lack of standardization can seriously erode productivity and budgets. With a Primavera solution, you avoid these problems by standardizing processes among business units, partners, and contractors. When each project participant is using a common solution and a single database, improved communication and decision-making result and the outcome is effective, repeatable project execution through a collaborative solution 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.



Powerful, Easy-to-Use, Scalable Solutions

It's no coincidence that five of the world's leading oil and gas companies use Primavera project portfolio management solutions as the global standard for turnaround, maintenance, and capital project management. Powerful, easy to use, and scalable for projects and programs of all sizes, Primavera solutions meet all the project management needs of oil and gas companies—including those in engineering, capital, turnaround, procurement, and maintenance.

Primavera Project Portfolio Management Solutions for Oil and Gas Companies

Primavera P6 Enterprise Project Portfolio Management

By managing schedules, resources, and costs across all projects and programs, Primavera P6 Enterprise Project Portfolio Management—a powerful and easy-to-use project portfolio management solution—enables organizations to deliver their projects on time and within budget. This solution delivers high-quality project execution and appropriate visibility at all levels, with ubiquitous Web access for all users; rich, easy-to-deploy functionality; and 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.



Maximizing Potential: The Benefits of a Primavera Solution

Covering all aspects of project management, Primavera project portfolio management applications enable oil and gas companies to

- **Identify and select the right projects.** To plan for global expansion in exploration and capital projects, oil and gas companies must be able to effectively screen initial proposals. By using a Primavera solution, organizations can prioritize enterprise investments based on risk tolerance and resource constraints.
- **Predict and manage risk.** With Primavera applications, oil and gas companies can get a quick overview of project risk (based on simulation and modeling). They can then use this information to predict outcomes, mitigate risks, and quickly incorporate project changes in response to identified risks.
- **Reduce project complexity.** Primavera project management solutions provide easy, immediate access to key performance indicators and performance details for all of an organization's business units. Interactive project summaries and dashboards enable users to quickly access and react to budget information, resource allocations, and project status.
- **Control and manage project portfolios.** With a Primavera project management solution in place, oil and gas companies can obtain up-to-the-minute project performance data across all business units and regions. Users can view graphic representations of project, cost, and budget status through fields they've defined, increasing collaboration across the enterprise.
- **Manage project change.** Primavera applications make it easy to identify project issues and then make changes on the fly to resolve them. The applications' easily customized screens can be adapted to customer needs, and comments can be included by line item for faster resolution.

Effective Project Portfolio Management Solutions

By implementing Primavera solutions, oil and gas companies can ensure that they choose their projects wisely and that those projects run smoothly—with all of the information users need at their fingertips.



- **Maximize resources.** By providing clear visibility into all projects, Primavera project management applications help oil and gas companies improve resource planning and utilization. With a Primavera solution in place, organizations can proactively track resource demand, address staffing requirements, and view available resources for common skill sets. They can also capitalize on resource constraints by better planning resource usage across all projects.
- **Improve collaboration.** With a Primavera software solution, all project participants can review, manage, and approve project schedules—critical for successful project execution. With user-level security, project members, including contractors, can see and update only their own information.
- **Implement earned value management (EVM).** Oil and gas companies can use Primavera applications to track contractor progress by monitoring critical earned-value metrics. They can also use Primavera software to provide contractors with direct access to schedules (for timely and accurate project updates) and to create standard and custom EVM-compliant reporting.
- **Control contracts and documents.** Providing a complete collaborative contract and document control system, the Primavera application makes it easy to track changes and maintain accountability across the project team. It also enables organizations to monitor vendor performance, surety status, and payment requests through contract status and summary. The software provides real-time updates on approved changes, pending changes, and outstanding contract balances to ensure that organizations are in full control of 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 solutions.

Oracle Integrates Your Systems

Oracle works with other leading technology vendors to deliver an integrated solution tailored to your needs. This means that whether you need to integrate project information with estimating and job cost, financial, human resources, risk management, asset management, or engineering design systems, you'll be able to find a Primavera solution to meet your needs.

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
- Earned-value reporting



Optimize Investment and Project Success with Solutions for the Oil and Gas 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 portfolio management platform to meet your unique business needs for the oil and gas industry. Deploying Primavera project portfolio management applications from Oracle will help you successfully navigate complex oil and gas industry challenges, including

- Expansion in exploration and capital projects
- Increasing project complexity and costs
- The need to effectively maintain the efficiency of existing assets
- A shrinking skilled-labor pool

Oracle is currently helping companies around the world successfully identify and deliver value-added programs and projects, even in the most complex regulatory and compliance environments. It can help you do the same. Whatever your challenges, you can rely on one name for the right solution: Oracle.

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.



Oracle Corporation

Worldwide Headquarters

500 Oracle Parkway
Redwood Shores, CA
94065
U.S.A.

Worldwide Inquiries

Phone
+1.650.506.7000
+1.800.ORACLE1

Fax
+1.650.506.7200

oracle.com



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