

# TRANSFORMING THE **OIL** AND **GAS** INDUSTRIES

# Providing End-to-End Insights for Portfolio- Wide Success: Primavera Solutions for Oil and Gas

## BENEFITS

- Identify and select the best exploration, production, and distribution opportunities
- Maintain and improve existing assets
- Coordinate existing resources and quickly train new talent
- Monitor budget allocations against key performance indicators
- Provide Web-based access and mobile device support
- Maximize global labor pools through an integrated approach
- Build end-to-end solutions to establish best practices across the enterprise

With budgets in the billions, timelines spanning years, and life cycles extending over decades, oil and gas projects present enormous management challenges for the organizations sponsoring them. Oracle helps oil and gas companies rise to these challenges – and reap the corresponding rewards – by providing an enterprise project portfolio management (EPPM) solution that gives them visibility into and control over every aspect of their operations.

### **Navigating an Interconnected Landscape of Risk and Reward**

It's not just that oil and gas projects are big. It's that the issues confronting the energy industry are big as well. From fluctuating prices to diminishing supply, variable demand, increasing regulation, and growing environmental concerns, oil and gas companies face a range of challenges as they struggle to make the capital investments that will propel them forward while safeguarding their businesses against future market uncertainty. Add to this a shrinking talent pool and the necessity to maintain aging infrastructures while also pursuing unconventional drilling activities (for example, to derive natural gas from shale) and accommodating breakthroughs in oil and gas technology, and you begin to get the picture.

It's a complex energy landscape, and when it comes to choosing between searching for new sources of fossil fuel and exploiting existing ones, venturing into remote regions, and dealing with shifting political tensions, oil and gas companies need accurate, up-to-date information and a bird's eye view of all of their projects and resources. Enter Oracle's Primavera EPPM solutions.

Read on to discover why many of the world's leading oil and gas companies are turning to the Primavera product portfolio to achieve the financial discipline, operational excellence, and effective risk mitigation required to survive and thrive in today's evolving energy environment.



## Invest Wisely

Despite the buzz surrounding alternative energy, two facts remain: The global demand for energy will continue to rise, and oil and gas will continue to be the dominant sources – at least for the foreseeable future. Indeed, ExxonMobil predicts that by 2040, global energy demand will have grown by 35 percent, and oil and gas will be providing 60 percent of the world's supply.<sup>1</sup> However, with more than 80 percent of oil and gas resources controlled by national oil companies and host governments, independent oil and gas companies are struggling to extract more from existing operations and to tap new sources easily and efficiently.

Unfortunately, this is easier said than done. Just as “easy oil” is a thing of the past, “easy capital” no longer

exists, and investments in production and exploration are receiving heightened scrutiny. Oil and gas companies need to demonstrate that the opportunities they pursue will deliver the greatest possible returns, and they're using Primavera solutions to do so.

Powerful analytics provide the forecasting capabilities oil and gas companies need to identify, prioritize, and select the right upstream and downstream projects. And scenario analysis and decision optimization deliver the information required to predict likely outcomes and determine the probability of success. The result: investments that make sense and production and exploration projects that pay off.

<sup>1</sup> ExxonMobil, “The Outlook for Energy: The View to 2040,” 2013.

## ORACLE'S PRIMAVERA ENTERPRISE PROJECT PORTFOLIO MANAGEMENT

- **Primavera P6 Enterprise Project Portfolio Management.** Prioritize, plan, manage, and execute projects, programs, and portfolios globally.
- **Primavera Portfolio Management.** From ideation through execution, manage any portfolio with ease.
- **Primavera Contract Management.** Keep construction projects on schedule and under budget.
- **Primavera Risk Analysis.** Determine confidence levels for project success and develop quick and easy techniques for creating contingency plans.
- **Primavera Unifier.** Provide cloud-based management of all projects and facilities.
- **Primavera P6 Analytics.** Uncover trends, discover root causes of issues, and forecast costs.
- **AutoVue.** Provide web-based collaboration on technical and business documents.
- **Oracle Crystal Ball.** Deliver unparalleled insight into critical factors affecting risk.
- **Primavera Gateway.** Facilitate easy access to material, resource, schedule, and financial information.

### **Manage Effectively**

Big oil and gas means big projects – involving multiple business units, myriad resources, large numbers of contractors and suppliers, and the big budgets that go with them. When one element changes, everything else shifts as well, yet without a clear view across all projects and resources, that ripple effect can go unnoticed until it grows into a tidal wave of change that threatens to swamp your portfolio.

Oracle's Primavera applications protect against that. Providing a clear, concise view of all projects and resources and a single platform for managing their associated contractors, suppliers, facilities, and activities, Primavera project portfolio management solutions provide an ongoing, up-to-date picture of project performance across all business units and regions. With Primavera applications, oil and gas companies get easy, immediate access to key performance indicators; graphic representations of project, cost, and budget status; and detailed audit trails of all transactions. As a result, project issues are easy to identify, corrections can be made mid-course, and resources can be allocated effectively and efficiently – all through an intuitive user interface that can be tailored to the needs of your gas and oil business.

### **Plan Proactively**

Mother nature, human error, political unrest: Anything that can interrupt production and/or distribution can have a profound impact on all areas of oil and gas operations. The trick comes in identifying such risks early and coming up with plans to manage and mitigate them. Primavera solutions allow oil and gas companies to do just that – providing easy-to-understand analytics that let them model risks, calculate most-likely completion times, and analyze the cost and schedule impacts of mitigation scenarios. Together, these form the basis for the risk-adjusted schedules that have become a critical component of the planning and scheduling process for oil and gas companies.

### **Work Collaboratively**

With Baby Boomers reaching retirement age and Millennials lacking the skills and experience to take over their roles, oil and gas companies are facing a critical talent shortage. Primavera solutions help organizations address this problem with a centralized platform of project intelligence that increases organizational competence, provides a common framework for project management, and helps new hires get up to speed quickly.

By providing the visibility needed to allocate the right resources to the right project, Primavera applications help organizations make the most of a shrinking labor pool. And by allowing all team members to access, view, annotate, and collaborate on essential documentation – regardless of format or location, and no matter what device they're using – Primavera solutions accelerate decision-making, speed production, and increase efficiency.

### **Achieve Portfolio-Wide Success**

Providing a common solution and a single database for managing change, mitigating risk, and keeping all of your projects and portfolios on course, Oracle's Primavera applications deliver the end-to-end insights oil and gas companies need to succeed in a volatile market. The result: improved communication, better decision-making, and better-executed projects across your entire portfolio.

## Further Information

For further information call: US: 1-800-423-0245 | EMEA: +44 (0) 870 8 768711 | APAC: +65 6645 1365  
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