

TRANSFORMING
THE **CHEMICALS**
AND **NATURAL**
RESOURCES
INDUSTRIES

Clear Insights for Portfolio-Wide Success: Primavera Solutions for Chemicals and Natural Resources

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, chemicals and natural resources projects present enormous management challenges for the organizations sponsoring them. Oracle helps such businesses 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 projects involving chemicals and natural resources are big. It's that the issues confronting these industries are big as well. From fluctuating prices to diminishing supply, variable demand, increasing regulation, and growing environmental and health concerns, the chemicals and natural resources industries face a range of challenges as companies 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 existing operations while looking for new mining opportunities and accommodating breakthroughs in green technology, and you begin to get the picture.

It's a complex landscape for chemical and natural resources businesses, and when it comes to determining which mergers and acquisitions to pursue, where the best opportunities for mineral extraction lie, and how to deal with shifting political tensions in a global market, these enterprises 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 chemical and natural resources 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 business environment.



Invest Wisely

Valued at approximately \$3.9 trillion in 2013, according to research firm The Smart Cube, the global chemicals industry is projected to grow at a rate of approximately 3 percent annually through the year 2050.¹ However, this does not mean it's all smooth sailing ahead for chemical companies. With chemical products being used to address everything from population growth to middle class expansion, food and water shortages, and energy and climate change, chemical companies are struggling to tap the value of higher-value, more innovative projects quickly and efficiently while maximizing existing operations. Meanwhile, mining companies are attempting to do the same to address their own raft of issues – ranging from wildly fluctuating commodities prices to the increasingly stiff fees and penalties being imposed by governments of resource-rich countries.

Unfortunately, these tasks are not easily accomplished. With “easy capital” a thing of the past, all investments are receiving heightened scrutiny. Chemical and natural resources enterprises 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 chemical and natural resources companies need to identify, prioritize, and select the right 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 chemical and natural resources projects that pay off.

¹ AT Kearney, “Chemical Safe and Security,” Cost or Investment?” November 2012

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

Large-scale projects for chemical and natural resources companies typically involve 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, chemical and natural resources 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 chemical or mining business.

Plan Proactively

Mother nature, human error, political unrest: Anything that can interrupt extraction, production, and/or distribution can have a profound impact on all areas of chemical and natural resources businesses. The trick comes in identifying such risks early and coming up with plans to manage and mitigate them. Primavera solutions allow such enterprises 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 chemical and natural resources companies.

Work Collaboratively

With Baby Boomers reaching retirement age and Millennials lacking the skills and experience to take over their roles, the chemicals and natural resources industries are facing a critical talent shortage. Primavera solutions help enterprises 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 chemical and natural resources 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

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