

The Fast Deployment Solution for Engineering and Construction

Primavera P6 Enterprise Project Portfolio Management
Cloud Service

As the marketplace continues to recover from the global recession, engineering and construction companies are gearing up to take advantage of new growth opportunities. Governments are looking to modernize and improve bridges, roadways, tunnels, and other public facilities. Investors are pouring money into building projects in the emerging markets of Asia, Latin America, India, and Africa.

The challenge for engineering and construction firms is not only to move quickly and win new business—they must also be prepared to operate in the right way from day one. New methodologies and technologies in architecture and construction—such as green building, lean construction, building information modeling (BIM), and NEC3—all require a more modern approach to project management.

A firm's success depends on its ability to deliver projects on time and within budget. Yet every construction project is a moving target that can, at any moment, be impacted by supply chain problems, equipment failure, weather, or design conflicts. Firms often don't see potential issues ahead of time because they lack visibility into schedules, resource and staff allocations, and budgets across all projects. Information is kept in separate silos so stakeholders, staff, and contractors can't access critical project data when they need it.

When new projects are launched, there are often no systems in place to leverage best practices, cost efficiencies, and other historical data to build on the lessons learned from the past. Poor communication and coordination between project teams and stakeholders leave managers scrambling for status updates and progress reports. With no clear version of the truth, firms can't proactively manage projects and anticipate possible setbacks.



Unfortunately, many firms are hampered from making improvements by their IT infrastructures. Their existing legacy IT systems won't allow them to ramp up quickly when a new opportunity happens. More importantly, once a project is online, companies are working with the same inefficient business processes and data streams—and dealing with the same issues—as before.

Moreover, the technology of the future—lean practices, collaborative workflows, and BIM—all require more computing power than on-premise legacy systems were built to handle.

The Need for Speed

To compete in an industry that requires agility, engineering and construction companies need a technology solution that enables project teams to get organized and coordinated quickly. With consistent processes and workflow, productivity improves throughout the organization. All the players can easily share reports, expenses, schedules, and other critical data. Managers have a clear view of project performance and one version of the truth to proactively manage and plan for change. To ensure future business success, the ideal IT solution should foster continuous business process improvement with best practices for better project management and improved project delivery.

Project Management in the Cloud

As a cloud-based solution, Oracle's Primavera P6 Enterprise Project Portfolio Management (EPPM) Cloud Service is built for a fast deployment. With minimal cost and low risk, organizations can have access to modern software functionality quickly. Primavera P6 EPPM Cloud Service is a complete, integrated project execution solution that provides the transparency and visibility critical for optimized project management, from contract to completion. Primavera is the recognized leader in project management software, with over 25 years of experience building solutions that help engineering and construction firms manage, control, and deliver projects on time and within budget.

Oracle has invested billions in engineering and strategic acquisitions for the most comprehensive portfolio of enterprise-grade cloud computing services. Primavera P6 EPPM Cloud Service helps organizations reimagine business processes, making it possible for engineering and construction firms to:

- Ramp up quickly
- Implement best practices
- Reduce the risk of cost/schedule overruns
- Stay agile to meet market demands

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Ramp Up Quickly

Primavera's cloud-based EPPM solution enables firms to get up and running fast, with a best-of-breed modern infrastructure and without the expensive hardware and system management overhead costs.

Oracle provides all the hardware and other infrastructure needed to start using the application right away. Oracle also performs the application and infrastructure upgrades so that you stay current with the latest versions of the software, with no additional upgrade costs.

There's no need to coordinate software upgrades between vendors, integrate data, or manage disparate security policies. Primavera P6 EPPM Cloud Service has been architected on an open, service-oriented platform and infrastructure to simplify integration needs and lower the total cost of ownership.

Instead of relying on the project delivery methods of the past, you can compete more effectively with a complete project management system that provides unified execution, visibility, and control.

Implement Best Practices

The solution delivers the tools for business transformation, with industry best practices that optimize project management. Consistent, repeatable workflows and standardized business processes enable firms to streamline tasks and ensure accountability throughout the organization.

With modern, tightly integrated tools, you can complete projects faster while maintaining a high standard of quality. Even with a vast array of players, project teams can collaborate together, make decisions in real time, effectively manage resources, and keep projects running smoothly. Business intelligence tools provide actionable insight to monitor project performance and identify potential problems early.

Mobile technology has changed the way project teams communicate. Primavera P6 EPPM Cloud Service incorporates the latest social and mobile capabilities, enabling organizations to discover new ways to collaborate and share information within the enterprise and outside with customers, contractors, and vendors.

Reduce the Risk of Cost/Schedule Overruns

Keeping construction projects on schedule and on budget requires the ability to look ahead. The solution provides easy visibility into project status throughout the project lifecycle, from bidding through project completion.

Firms can monitor actual project performance against what was planned and react to changing conditions in real time. Managers keep contractors and subcontractors accountable with schedule updates and access to critical project data. Embedded analytics provide insight into project performance trends so that firms can keep making operational improvements and leverage lessons learned on past projects.

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Stay Agile to Meet Market Demands

The solution easily handles future business growth. When new opportunities arise or the marketplace changes, organizations have the flexibility and power to react quickly. New services, customers, and collaborative partners can be brought on board—even to remote construction sites—with no additional burden to IT staff.

You can focus on your business and leave the management of IT to Oracle. There are no information silos, and no need to coordinate software upgrades between vendors, integrate data, or manage disparate security policies. Oracle P6 EPPM Cloud Service is hosted in Oracle's data centers and adheres to the strictest standards for physical location and systems security.

Conclusion

Oracle recognizes that the forces reshaping the engineering and construction industry require technology that can meet these demands. Oracle is committed to supporting the industry with innovative solutions, such as Primavera P6 EPPM Cloud Service.

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