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IC#136002



**Project Management
You Can Build On**



ARCHITECTURE, ENGINEERING & CONSTRUCTION



IMPROVE PROJECT PERFORMANCE, PROFITABILITY AND YOUR BOTTOM LINE. Successful project delivery is a growing challenge for AEC firms. Construction projects in industrial, commercial, residential or infrastructure are all becoming increasingly complex: project lifecycles are extending; labor is in short supply; and effective coordination, communication and collaboration with every project stakeholder remain difficult. All of these things are compounded by owners who are more savvy and demanding than ever before.

To help you avoid surprises, maintain accountability and meet your bottom line, you need a complete solution to manage all of your projects, regardless of their size. One that is available to all project contributors across your entire organization, whenever and wherever they need it. **You need Primavera.**

Business Solutions for Projects of Any Size

For more than 20 years, Primavera has helped AEC firms effectively plan, manage, control and deliver projects on time and on budget. Our solution for AEC project management enables you to gain visibility throughout your project and program lifecycles, eliminate inconsistent processes, and avoid costly surprises.

Avoid costly surprises.

Primavera provides immediate access to critical project information for real-time, informed decision-making. With superior analysis and forecast metrics you will spot problems early, mitigate risks and make practical course corrections — long before a crisis occurs.

Optimize labor, equipment and materials.

With Primavera, you can balance all resource requirements across multiple projects for labor, materials and equipment. With our resource management and capacity planning functionality, you are able to identify capacity requirements for meeting future project and program needs.

Avoid and protect yourself against claims.

With Primavera you can rigorously enforce a consistent process and workflow from RFIs to change orders. And with sound documenting capabilities, you can ensure accountability for all project participants, as well as collaboration across the team. Primavera also allows you to manage updated contracts, and maintain rigorous change order processes, resulting in reduced claims.

Boost profitability through standardization.

Primavera enables you to standardize your business processes and best practices across all your projects. With everyone using common tools to communicate, you enhance project collaboration and execution. The benefit is greater consistency, meaningful metrics and standardized reports across projects — which ultimately leads to a better bottom line.

Project management: Anytime, Anywhere.

With projects located throughout the region and the world, you need a project management solution that can scale precisely to your needs. Only Primavera brings you a 100% Web access system that is as easy to deploy and use in your home office as it is in the field.

Primavera — One Solution to Manage:

- Time
- Costs
- Resources
- Contracts & Documents

For projects of any size, at anytime from anywhere.

With Primavera, You Run a Better Project — Organization-Wide



- Deliver projects on-time and on-budget
- Get timely, accurate data for optimum decision-making
- Access information anytime, anywhere
- React real-time to changing conditions
- Prevent and protect against claims
- Track and evaluate subcontractor performance
- Capture and standardize best practices

Primavera for Architecture, Engineering & Construction

Primavera's Web project and portfolio management system enables you to plan, manage, control and deliver projects of any size. Your project team can successfully deliver projects with:

- Full collaboration
- Web access for all users
- Rich functionality
- Powerful and configurable dashboards
- Business-wide reporting

Primavera provides each stakeholder a consolidated dashboard with exactly those tools they need to plan, manage, control and deliver projects and programs. With a single, consistent interface, the delivered content and functionality are configurable for each user or group of users, whether at the project or program level. This not only minimizes training requirements and makes meaningful adoption quick, but also enables organizations to standardize best practices to consistently deliver successful projects across all disciplines.

Primavera's solution for Architecture, Engineering and Construction includes:

Planning, Management and Scheduling (Primavera P6)

Primavera P6 is the most powerful, easy-to-use project planning and program management product available today. Collaborative scheduling with interactive Gantt charts, capacity planning and resource management enables you to manage projects of all types and sizes through a single solution. P6 delivers high-quality project execution at all levels to help meet your project and strategic business goals.

Contract Control (Primavera Contract Manager)

Primavera Contract Manager is a document management, job cost and project controls product. It increases project management efficiency and speed, while reducing schedule delays and risk. Based upon a collaborative platform, project managers and project controls professionals can immediately be alerted to new RFIs, answered questions, potential issues and changes. Access to current project information, including latest drawings, approved submittals and daily events, is readily available.

With Primavera Contract Manager, delay and cost exposure are minimized and completion time is accelerated. Now you can improve project communication and quality in order to keep client costs low.



Standardize Best Practices



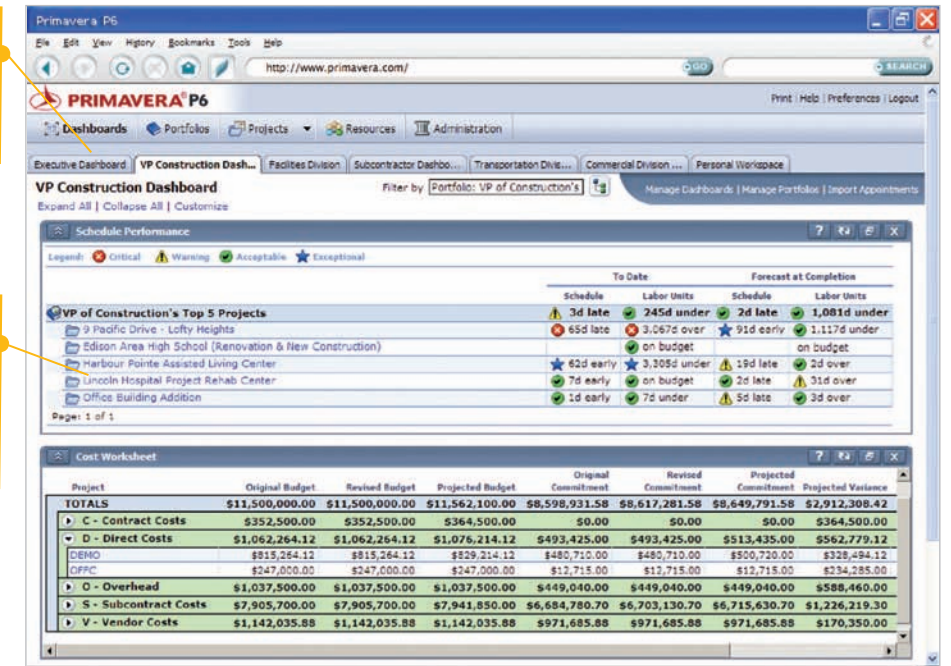
Avoid surprises. Optimize business processes and evaluate and mitigate project risks with organization-wide visibility into project level leading indicators, project performance metrics and actuals cost worksheets.

Access real-time data. Perform multiple analyses: by division, owner, type of project, funding source and more. Access real-time information for sound decision-making through intuitive, personally configurable dashboards.

Solve problems: Other systems provide to-date information which can lead you to believe your projects are performing well. Primavera's project level forecasts allow you to identify potential problems early. With easy drill-down into project detail, you can resolve problems *before* they impact project performance.

Forecast to completion. Monitor multiple projects' performance at a glance. Configurable key project performance indicators, including actuals-based performance forecasts, foster proactive action so projects are kept on track.

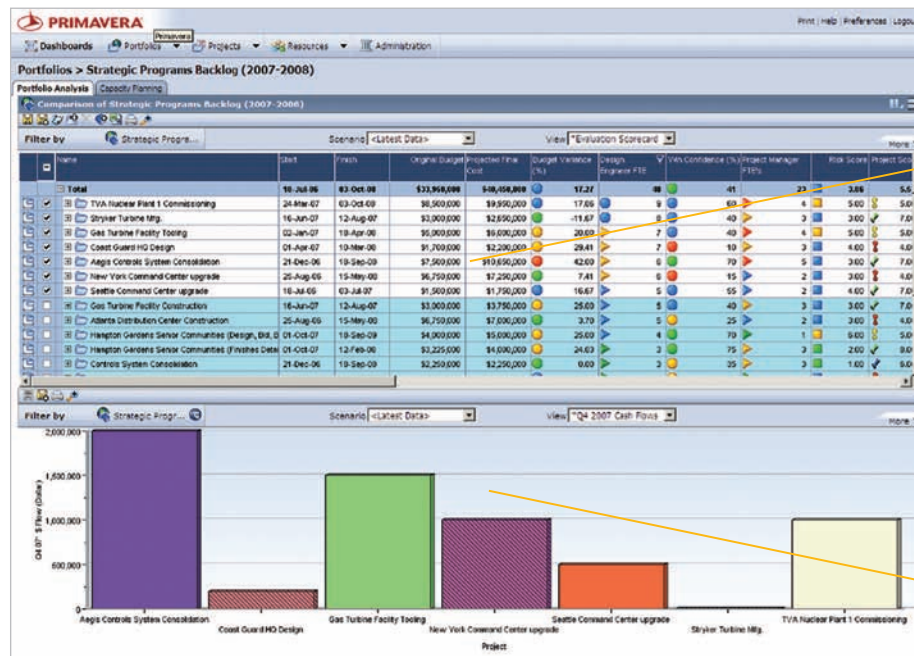
Track program costs. The program level Cost Worksheet automatically collects and summarizes cost details across multiple projects. Group and organize information by cost account, cost category, CSI division and more in an easy-to-read spreadsheet to quickly understand variances.



“Our project teams collaborate even more closely now that executives and project managers have their own personal view into project details.”

Stuart S. Richter, Senior Vice President,
Hill International

Assess Project Performance



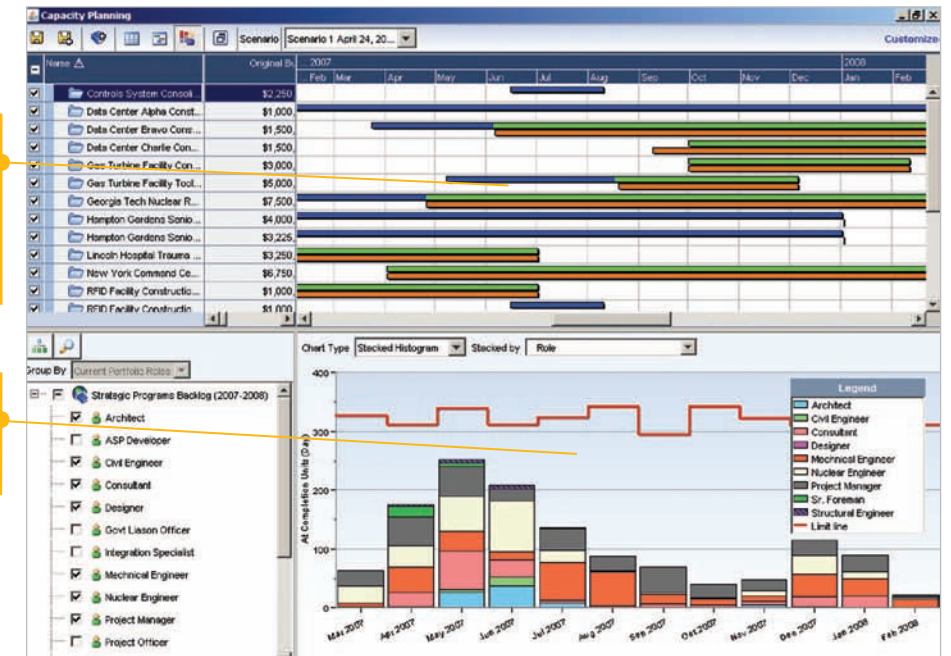
Meet business objectives. Align your projects and programs with strategic business objectives through advanced “what-if” scenario modeling, capacity analysis, tabular scorecards, rich graphics and resource optimization.

Leverage powerful analytics across projects to prioritize your backlog, plan and allocate resources, proactively manage your business, and easily communicate the performance of projects and programs to stakeholders.

Control cash flow. With dynamically linked, graphical analysis, quickly track current and future cashflow impact, as well as other critical business metrics across your programs.

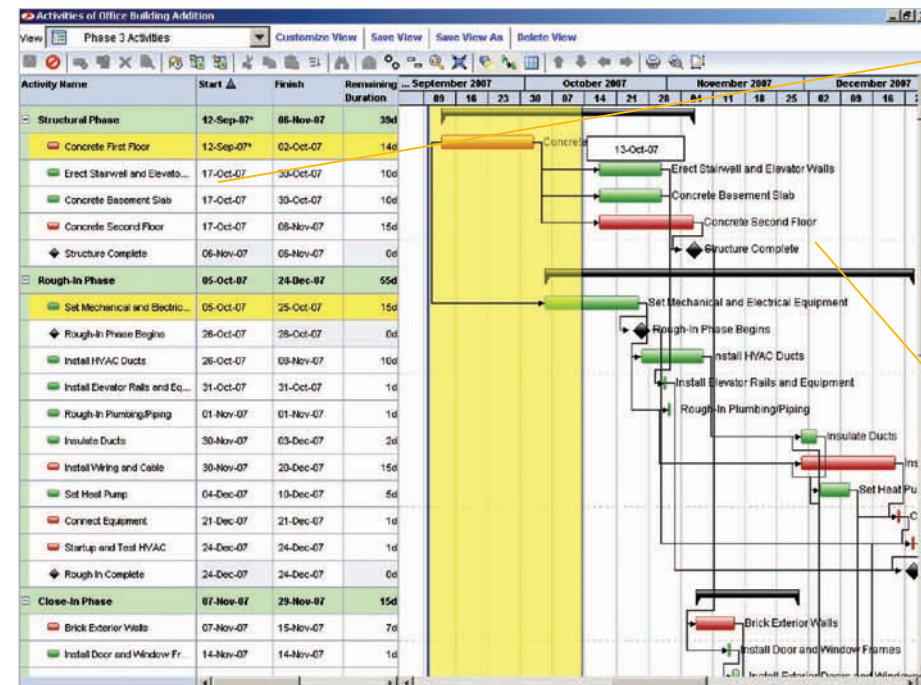
Map resource requirements. Primavera fully supports both top-down and bottom-up resource planning. Dynamically map out resource requirements for both equipment and personnel across your organization to ensure you have the appropriate capacity on hand.

Optimize resources. Filter requirements quickly by specific roles or equipment types and quickly understand your future resource requirements across all projects.



Maximize Resources and Capacity

Collaborative Scheduling



Plan and execute projects. Create, schedule and manage projects online — whether simple or complex. With user-level security, every project participant can see and update just the information they need so that the entire project team benefits.

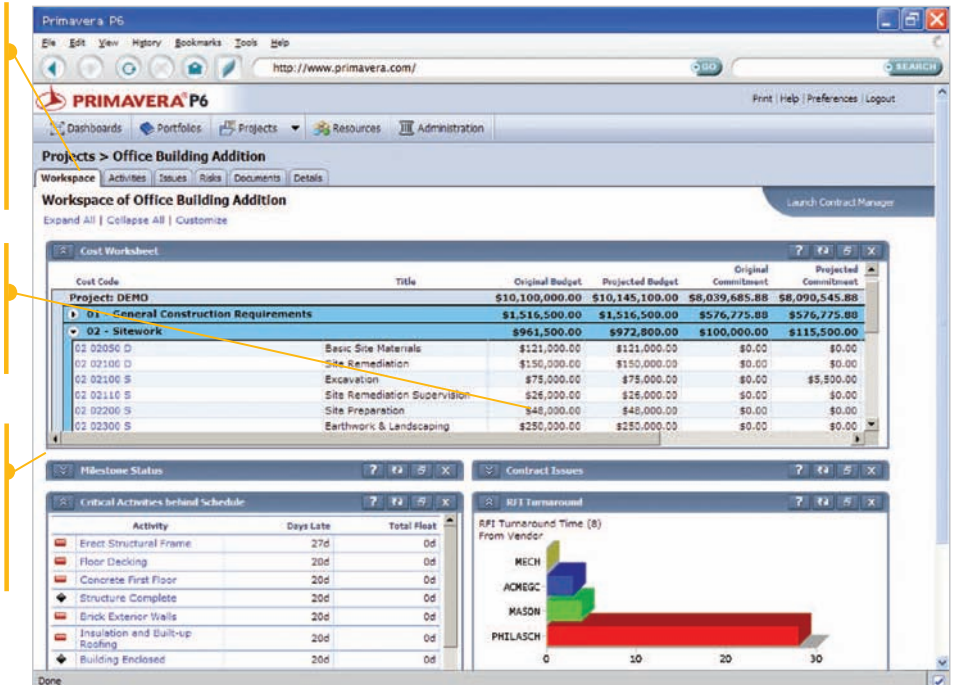
Collaborate with team. Interactive Gantt chart allows for adding, deleting and modifying projects, from WBS, activities, relationships, resource assignments and costs (given proper security rights). The intuitive spreadsheet-like interface enables quick navigation and direct work on activity data.

Deliver on time and on budget. Dashboards enable the project team and executive stakeholders to review and share key performance indicators in a single, configurable view. The integrated cost worksheet provides detailed cost information by CSI division across projects.

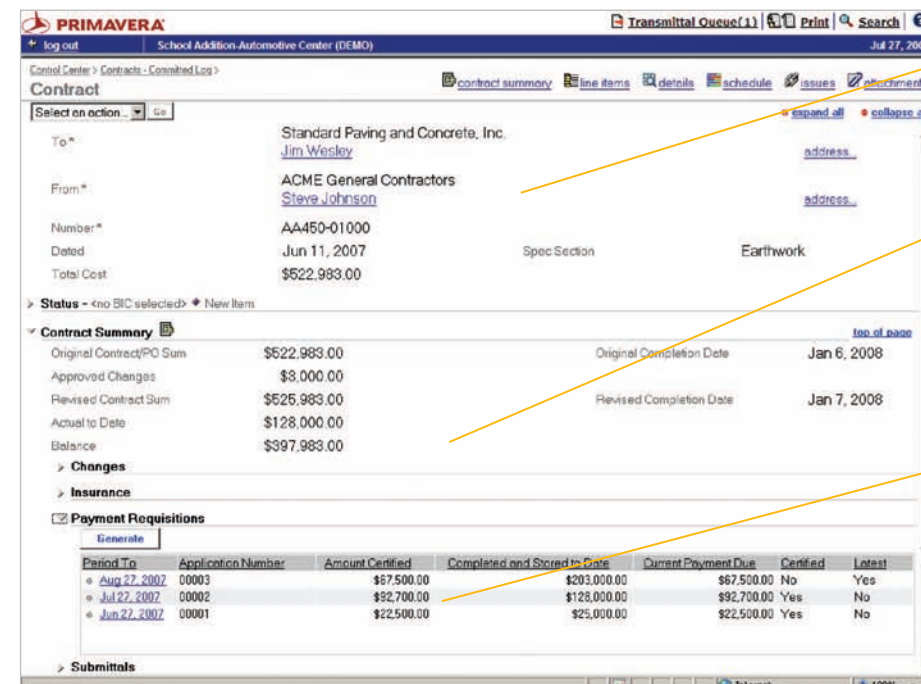
Capture RFI turnaround. Quickly see all outstanding items, such as RFIs and submittals, in one place. Measure turnaround times and manage subcontractor performance.

View critical activities. Keep your projects on track. Through quick reference and identification of critical issues, you can avoid projects going over budget or falling behind schedule.

Collaborative Project Management



Control Contracts and Documents



Control contracts. Track changes and maintain accountability across the project team through a complete, collaborative contract and document control system.

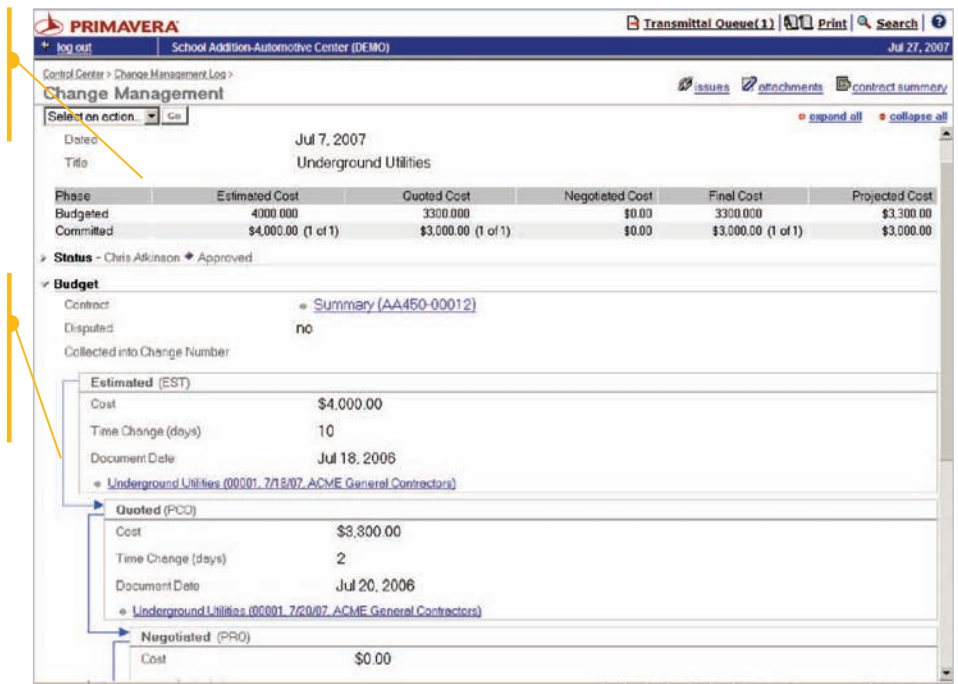
Manage subcontractors. Directly monitor vendor performance, surety status and payment requests through contract status and summary. Real-time updates on approved changes, pending changes and outstanding contract balances ensure you are in full control of obligations.

Pay based on performance. Pay contractors and vendors based upon actual performance. Create, manage and approve payment requisitions only for work done on schedule, materials ordered and delivered, and approved changes.

Manage Change

Manage change proactively. With a complete change management system, capture and organize change information that impacts the overall project schedule and cost.

Standardize workflows. With the change management workflow processing center, capture each change, from the estimate phase to final approval, for both budgeted and committed costs.



Prevent Claims

| Title | Submittal | Required Finish | Approved By | Status | Ball in Court |
|-----------------------|-----------|-----------------|--------------------------|-------------------------|------------------------------|
| 24" RCP Culvert Pipe | 02700-003 | Sep 24, 2007 | ACME General Contractors | Approved as Noted | |
| Formwork shop drawing | 03100-004 | Jun 29, 2007 | ACME General Contractors | Approved Noted Resubmit | ACME General Contractors |
| Insulation | 07200-001 | Jul 21, 2007 | ACME General Contractors | New Item | Smith Insulation Contractors |
| 34" X 22" HF-3 | 02700-004 | Sep 24, 2007 | ACME General Contractors | New Item | Standard Paving and Concrete |
| Storm Drain Type A | 02700-005 | Sep 27, 2007 | ACME General Contractors | New Item | Standard Paving and Concrete |
| Formwork calculations | 03100-005 | | ACME General Contractors | New Item | Slesson Industrials |
| Foundation wall rebar | 03200-004 | Aug 17, 2007 | ACME General Contractors | New Item | Design Group |
| Mortar Type N | 04400-001 | Sep 18, 2007 | ACME General Contractors | New Item | Design Group |
| Mortar Type S | 04400-002 | Sep 18, 2007 | ACME General Contractors | New Item | ACE Mason Contractors |
| Roof Panels | 05300-001 | Sep 18, 2007 | ACME General Contractors | New Item | Design Group |
| Roof Panel | 05300-002 | Sep 18, 2007 | ACME General Contractors | New Item | Tri-State Steel |

Prevent and protect. Track all contract documents, such as RFIs, submittals and changes. Capture and identify who is responsible, when it is due, and if multiple reviewers are required. Use flexible workflow to create, share and review items. Leverage detailed log reports to prevent or protect yourself from claims.

Services & Support: Getting the Most from Your Primavera Solution

When you choose Primavera, you get more than the industry's leading project and program management solutions. Primavera, as well as our extensive network of Primavera Authorized Representatives (PARs) and Primavera Services Partners (PSPs), offers a full range of services and support to ensure your operational success.

We get you up and running.

Primavera is qualified to help you implement, roll out and maximize the use of your Primavera solution. In our more than two decades of experience, we've learned vital lessons about the realities of implementing project management systems. As a Primavera customer, you will directly benefit from this extraordinary experience.

Primavera can help you manage change within your organization, standardize best practices and develop operating procedure manuals. Services also are available through our authorized business partners — comprising numerous leading companies in technology, consulting and systems integration.

We integrate your systems.

Primavera also works with other leading technology vendors to deliver an integrated solution tailored to your needs. Whether you need to integrate project information with estimating and job cost, financial, human resources, risk management, asset management or engineering design systems, Primavera and its authorized partners offer proven solutions you can trust.

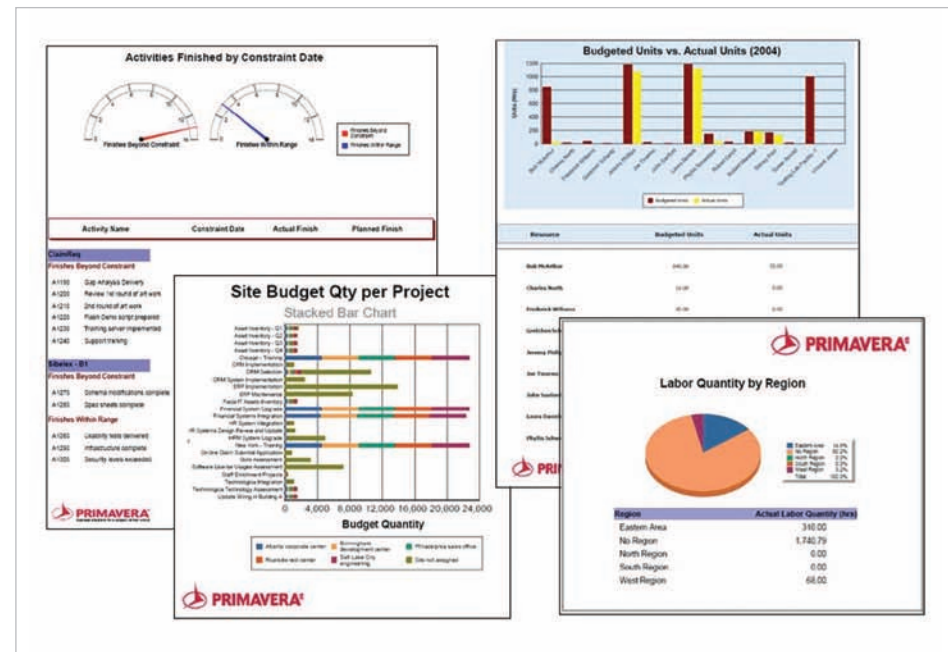
We provide award-winning customer support.

From the moment you select Primavera, our *award-winning* support team is poised to quickly resolve any customer issues. You can take advantage of unlimited technical support via telephone, fax, e-mail and instant Web chat, or search our Support Knowledgebase online 24/7 for answers to common technical questions. Upgrades and enhancements are available free of charge to all customers with a current maintenance agreement. Primavera also recognizes that all customers are not alike — so for those with unique support requirements, Primavera will ensure it provides the level of support to meet your needs.

Find out more today.

We encourage you to learn more about how Primavera can help you meet your project goals and business objectives. For greater detail on Primavera solutions and real-world customer successes, visit www.primavera.com today.

Capture Business Intelligence



Report on-demand. Primavera provides a robust and powerful enterprise reporting solution. In addition to the analytical tools already provided with Primavera, an operational data store and project star schema provide greater flexibility to create operational reports and business intelligence analysis on projects and programs using any third-party reporting tool.

Primavera application security is leveraged to protect data, providing virtual walls between business units and users.

RedBird Corporation
Provides P6
We Work On Projects Every Day!

SEE DETAILS

