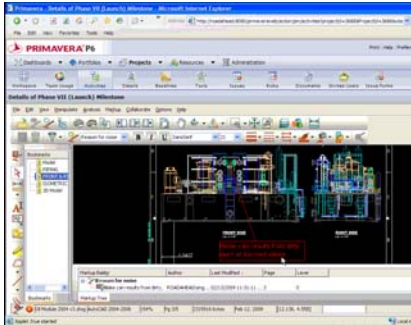SOFTWARE. HARDWARE. COMPLETE.

Improve Project Visibility and React Quickly to Changes with AutoVue Enterprise Visualization

View asset and project documents and add comments during planning and execution

Project-intensive businesses in a variety of industries require solutions, such as Oracle's Primavera, to effectively plan, manage, and control complex projects and project portfolios. Oracle's AutoVue enhances Primavera solutions with visualization of engineering, asset, building and contract documents, enabling all stakeholders to view and digitally collaborate on project documents in the appropriate business context, for improved collaboration, decision making, and project execution.

Managing Complex Challenges

- Fast access to complete, accurate asset information is the foundation for operational excellence.
  Source: ARC Advisory Group 2008

- On average, 3.1% of project costs in the construction industry are related to the inability to manage and communicate electronic project data among collaborative firms.
  Source: SMRI 2007 Report

- Nearly half of the survey respondents reported inadequate information about the assets they maintain and operate as one of the top challenges to improving their maintenance practices
  Source: Aberdeen, Collaborative Asset Maintenance Strategies

Improve Visibility During Complex Maintenance Projects

Companies in asset intensive industries such as utilities and oil & gas, have invested heavily in their asset infrastructures and go to great lengths to optimize efficiency and extend the life of those assets, for improved operational performance, reduced costs and greater shareholder value. To optimize performance, companies rely on Primavera P6 solutions to plan and schedule routine maintenance and more complex maintenance work.

Large turnaround, outage or shutdown projects involve thousands of tasks and activities with tight timelines, each of which requires thorough planning and review of numerous project documents such as floor plans, piping and instrumentation diagrams (P&ID), or process flow diagrams for optimized resource allocation and project completion. AutoVue solutions deliver visualization and digital collaboration of project and asset documents within P6 and allow planners to access and review all project documents that directly support complex maintenance activities, including engineering information.

With access to engineering, facilities, and asset documents project planners can more effectively determine project feasibility, schedule activities and level resources across projects and activities, thereby avoiding costly schedule or physical conflicts, errors, and delays due to unforeseen events. With AutoVue, a planner's digital comments and annotations can be captured, displayed and printed with each document, creating more accurate project documentation from which crews can execute the work. Annotations, for example, can include comments around room dimensions, ensuring that required equipment can clear or fit into a given space, or they can highlight a specific area that crews are to avoid while on site.

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AutoVue Visualization Solutions for Primavera

- Streamlines controlled access to project documentation across the team
- Improves global team communication and collaboration
- Provides users with a single point of access for all project documents
- Captures lessons learned and skills of aging workforce
- Improves accountability through detailed digital audit trail of comments, decisions, and approvals
- Validates task feasibility early in the process

Enhance Communication and Collaboration Across Construction Project Stakeholders

To effectively plan, execute and manage increasingly complex construction projects and keep them on track and budget, stakeholders rely on Primavera P6 and Contract Management solutions. AutoVue within P6 can be used to effectively view all project documents, improve communication and collaboration amongst dispersed stakeholders and more accurately schedule resources and activities.

AutoVue can also be leveraged within Primavera Contract Management to facilitate reviews and collaboration on engineering, CAD, and design files, in addition to contract and project documents, directly within Primavera. Stakeholders can streamline collaborative review processes to accelerate response times to submittals, RFIs and related change orders, reducing costly delays and errors which can negatively impact project success and profitability. By leveraging AutoVue's digital annotation capabilities, Primavera users can capture a digital audit trail of design changes, updates, decisions and approvals on engineering and contract documents in the appropriate business context. Throughout the project lifecycle, this helps to improve accountability, minimize project risk, and provides greater liability protection during disputes to help mitigate claims.

AutoVue and Primavera P6 Integration

An out of the box integration is available for AutoVue and Primavera P6 Web solutions. Within P6, AutoVue provides quick access to activity critical documentation as well as a visual context to activities (building or asset drawings, etc.). In doing so, teams can increase response rates and provide documents to the right teams for improved decision making. AutoVue also enables multi-team project and document collaboration via the web to better respond to unplanned situations in real-time.

AutoVue and Contract Management Integration

An out of the box integration is available for AutoVue and Primavera Contract Management. AutoVue can extend the value of Contact Management by enabling stakeholders to collaborate on all project documents, including CAD and engineering files. AutoVue can help streamline RFI and change management processes, and ensure that projects remain on track. The combination of these solutions positions Oracle to deliver a single means to track any and all project related documents and information during the construction lifecycle.

Leveraging Content Management Systems

Primavera P6 and Contract Management users leveraging AutoVue visualization solutions can view & collaborate on documents which reside in the following content management systems; Oracle Universal Content Management, and Microsoft SharePoint.

About Oracle's AutoVue Enterprise Visualization Solutions

Oracle's AutoVue enterprise visualization solutions are web based and can be leveraged by Primavera users to improve project visibility and enhance collaboration and communication of all project critical documentation, including CAD and engineering information, amongst project stakeholders. AutoVue solutions can be seamlessly integrated with Oracle's Primavera P6 and Contract Management solutions for enhanced planning and scheduling of maintenance activities, and improved engineering reviews and collaboration during construction project execution.

CONTACT US

For more information about AutoVue Visualization solutions, call 1-514-905-8400 to speak to an AutoVue representative, or visit http://www.oracle.com/us/products/applications/autovue/index.htm

Oracle is committed to developing practices and products that help protect the environment

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