

Artemis Views

Earned Value Management

With CostView

Earned Value Management is a powerful application for project and program cost planning, control and earned value management reporting

Designed for program managers, financial managers, cost and control account managers, controllers and Integrated Product Teams, Earned Value Management provides complete project, contract and financial management, as well as analysis and reporting.

With Earned Value Management, organizations can manage and control all cost related project and program information on an enterprise level by using familiar cost planning tools from a single, graphical Windows-based application. The application includes online early-warning indicators and comprehensive reports for project performance visibility to ensure appropriate and timely management actions.

Earned Value Management is an essential tool for providing departmental, divisional and enterprise perspectives of how changes will impact your project costs and completion dates. Using Earned Value Management's full schedule integration with Artemis Advanced Planning or Advanced MSP PLanning, you have easy access to project and program accomplishments, completion costs, cash flow and manpower requirements.

Earned Value Management's powerful 32-bit, SQL-based, client/server architecture ensures performance and data integrity at every level of your enterprise, as well as easy integration with existing business applications – including Enterprise Resource Planning (ERP) applications, accounting applications and MRP II applications.

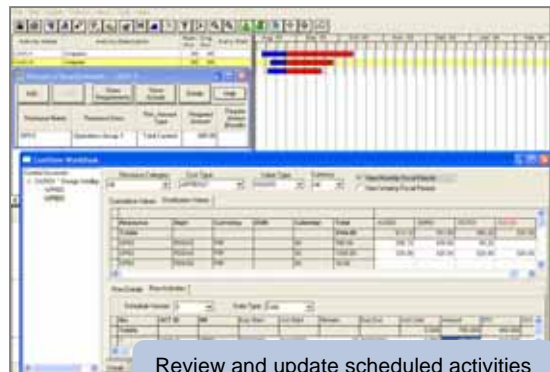
Benefits

- Enterprise cost planning and control
- Financial perspective of project schedules, activities and resources
- Online cost data and variance analysis
- Full earned value management System (EVMS)
- Compliant project control and reporting
- Optional Job Server for large volume data processing and reporting
- Integration with other Artemis Views® applications
- Integration with industry-leading Enterprise Resource Planning (ERP) applications

Accurate Planning, Budgeting and Schedule Integration

Earned Value Management lets you plan multiple, concurrent project and program cost parameters using intuitive access to user-defined planning structures, rate information and financial calculations. This allows you to maintain full time-phased detail of all cost plans – including budgets forecasts, estimates, revenues, commitments and accomplishments. Earned Value Management also offers you the flexibility to set approval processes, customize tolerance thresholds, and maintain your company's unique rating or pricing requirements.

Earned Value Management planning and budgeting features provide the following benefits:

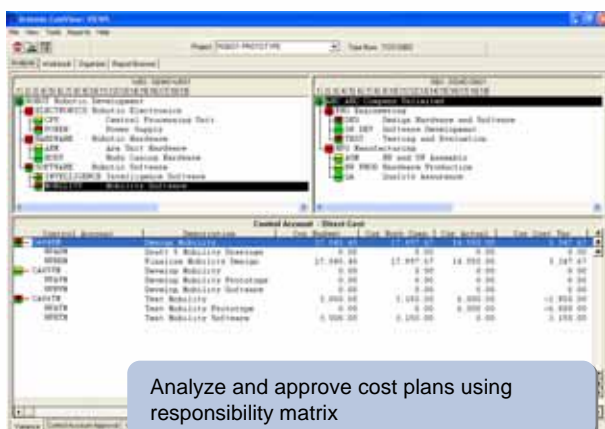


Review and update scheduled activities as a component of cost plan.

- Visibility of weekly and/or monthly direct costs, multiple overheads, hours, general and administrative expenses, equivalent heads, milestones and units
- Visibility of cost and schedule integration in a work package with direct access to Advanced Planning's Gantt-style schedule editor
- Summary information for selected accounts
- Support for international currencies
- Ability to set base and alternate currency for each task
- Complete control of budget changes with optional budget/estimate approval process (approval authority is based on data ownership)
- Analysis of rate change impacts
- Approval process of proposed cost plans
- Ability to set tolerance thresholds against cost and/or schedule performance for "management by exception"
- Visibility of historical project data to estimate future cost profiles and labor hours

Full Analysis and Reporting Earned Value Management offers sophisticated analysis and reporting capabilities, including complete Earned Value Management System (EVMS), variance analysis and easy-to-read Crystal Reports. Specifically, Earned Value Management analysis and reporting features include the following key differentiators:

- Ability to input and/or generate weekly or monthly earned values
- Access to weekly and monthly variance reports
- Access to variance analysis and planning functions from within the interactive responsibility assignment matrix (IRAM)
- Analysis of "problem tasks"
- Online variance analysis to document impacts and corrective actions
- Online documentation and visibility of each work task, including all revisions and statement of work functions
- Identification of statistical trends based on performance to date, extrapolated to show the most likely Estimate-at-Completion
- Unlimited multi-contract combinations and multi-contract reporting and analysis
- Ability to prepare departmental budgets and staffing plans by summarizing all approved projects through Organization Breakdown Structure
- Visibility of departmental efficiency based on all internal and external business
- Data consolidation without merging, copying, or creating extra files



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Caracas

Revisions, Forecasting and Actual Costs

Earned Value Management allows you to maintain multiple revisions for each project to perform "what-if" analysis and forecasting, or to track the life cycle of all project revisions for documentation of process and budget compliance. Earned Value Management can also be used to perform multiple ETC's/EAC's (Estimate-to-Completion, Estimate-at-Completion) analyses.

For example, Earned Value Management enables you to preserve the original baseline and full contract life cycle history of all revisions, whether internal or external, with automated change control logs. In turn, you can then use revisions in the proposal process to recommend new cost plans with subsequent approval required. Earned Value Management helps you create and maintain multiple and detailed cost forecasts, projected cash flow, profit margins and Annual Operating Plans, etc.

Estimating and Proposal Pricing Earned Value Management makes it easy to prepare estimates and proposals using multiple, flexible breakdown structures and unlimited category definitions, such as labor, material and subcontract. This allows you to perform estimations in any combination of equivalent heads, hours, direct costs, standards or units.

Other application features include the following:

- Cut and paste, or global change capability
- Comprehensive and flexible rating to accommodate multiple overheads, general and administrative expenses, cost of money, etc.
- Imported time-phased estimates for each period, or for pre-defined curves to spread costs over time
- Material estimates via various units of measure
- Quantifiable cost impacts of schedule changes

Main Supported Environments

Architecture

- 32-bit, client/server
- optional job server for CPU-intensive processes (LAN or minicomputer-based)

Database

- Oracle or SQLServer

Server

- Windows, Sun Solaris or HP-UX

Client

- Windows