

QUICK FACTS

- General Accounting Office (GAO) estimates in 2008 state that 48% of the Federal Government's major Information Technology (IT) programs had been re-baselined.
- The most common reason for being on the OMB Watch List is cost, schedule and performance issues.
- Projects or programs employing project management and control increase the likelihood of meeting or exceeding schedule milestones by 45%.



EFFECTIVE EARNED VALUE MANAGEMENT

- Integrates cost, schedule and technical packages to identify work progress.
- Provides detailed cost and schedule performance tracking and reporting for informed program decisions and to trace potential issues to the source.
- Offers true measurement of accomplished versus planned efforts.

Client Solution Architects Earned Value Management Analytic Services

INTRODUCTION

Successful projects in the Federal Government are characterized as meeting cost, schedule and performance goals. Achieving success is becoming an increasing and challenging task due to the complexity of the projects and problems being addressed. The current Administration is clearly focused on increasing transparency of spending while improving program effectiveness and contract compliance. Active project oversight is required to better manage large projects, reign in those that are off course or cancel those that are unable to deliver. As spending begins to tighten and fiscal constraint becomes a reality within Federal Government agencies, delivering the maximum value of a program budget is critical.

To achieve success, program managers need comprehensive project management processes to manage cost, schedule and performance. Successful projects meet their goals using clear, documented, and structured project controls, governance and analytic tools and processes including Earned Value Management (EVM). EVM helps ensure projects are meeting their goals or indicates the need to take corrective action to remain, on target. EVM is considered to be one of the most enabling and effective management tools utilized in managing today's large complex projects in both government and commercial project management.

CASE STUDY

The Challenge

Develop, deliver, and manage an EVM reporting process for the development, production, and implementation of a Major Defense Acquisition Program (MDAP) Acquisition Category (ACAT) II system. Each activity, development, production, and implementation was being performed by different entities.

The Approach

CSA developed the processes and implemented monitoring and control practices to effectively manage the effort that each entity was tasked to perform.

The Results

CSA EVM services improved project performance through actual data collection and cost and schedule reporting. Reports and forecast were developed to show all work progress, enabling the program manager to make informed decisions and take corrective actions when necessary to ensure products were delivered on-time and on-budget. In meeting installation schedules, CSA enabled the client to avoid millions of dollars in cost overruns.

Less Guessing on Project Status. More Facts.

CSA EARNED VALUE MANAGEMENT SERVICES

At CSA EVM analytic services help clients manage their projects to success. Our services coordinate work scope, schedule, and cost goals and objectively measures progress toward these goals. We perform analysis of projects to provide visibility into actual work progress against budget, forecasts anticipated project schedule and cost. We provide recommendations for corrective actions for unfavorable variances and the capability to monitor and adjust performance, identify potential risk to program goals and objectives and take corrective action when required.

Our services include:

- Design and implementation of EVM System (EVMS) processes
- Design and integration of master schedules and plans
- Implement portfolio management, project controls and governance
- Develop analytics to automate project performance analysis
- Project management process assessment, design and implementation
- EVMS technology evaluation, assessment and roadmapping
- Project analytic dashboards for situational awareness
- Work Breakdown Structure (WBS) and work package development
- Resource allocation and loading
- Schedule element linkages for Critical Path Management (CPM)

THE CSA DIFFERENCE

- Experienced large-scale project management professionals
- EVM policy and process knowledge and experience
- Technology tools analytics and automation capabilities
- Diverse EVM project and system application experience
- Analytic capabilities and skills of professional staff

BENEFITS

- Compliance with Federal Government EVM mandates
- Increased confidence in total project or program cost
- Reduced likelihood of cost or schedule overruns
- More fact based decision making for program managers
- Significant reduction in data collection; more time for project analytics
- An objective review and status of project and program efforts
- Anticipate the size and impact of changes and take corrective action
- Traceability of potential problems

To learn more about CSA Earned Value Management Analytic Services
General Inquires, clientresults@csaassociates.com
Or visit us at www.csaassociates.com