Earned Value Management

Earned Value Management (EVM) is a project management methodology that integrates a project's scope, schedule, and budget into a time-phased, baseline plan; it then applies principles and techniques that objectively measure and report progress against the plan while providing early warning indicators and forecasts based on cost and schedule performance to date.

Do You Really Understand the Status of Your Project?

As Project or Program Managers, we have all been there. You are in a meeting and you are asked to give a critical update on the progress of your project. You answer, but you are not certain. You know your project, and you think you know the budget and schedule status; however, without an EVM system providing real-time current and predictive data, you really do not have the metrics to be sure.

You do not have to stay in that data grey area. Engaging our EVM solutions at the planning stages of your project will allow you to determine precisely where your project stands at any given point in its lifecycle. You will actually know with complete confidence where you are in product delivery and not just where your plan says you should be.

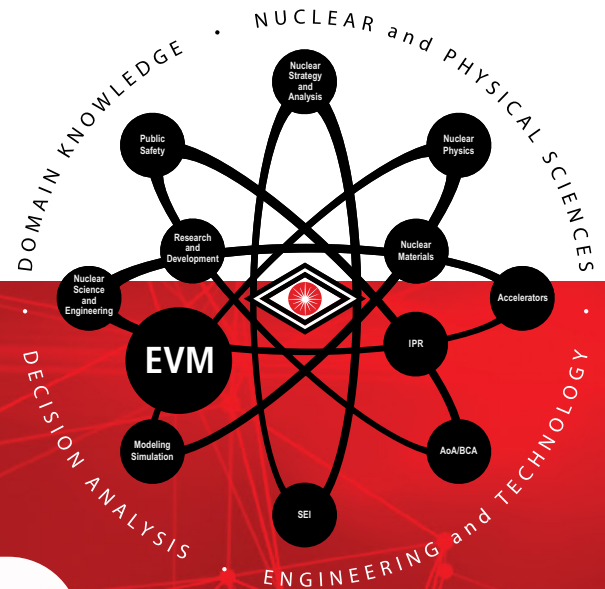## Harnessing Predictive Power to Measure Performance

Many Project Managers assume that EVM systems are only appropriate for large government projects, but any project can benefit from the predictive and monitoring capabilities of an effective EVM system. Too often, the EVM system selected is not properly matched to the scope of the

project. As a result, the project becomes burdensome, producing no actionable information, and is abandoned because it cannot be maintained.

We Do Not Reinvent the Wheel

TechSource EVM experts have a proven, repeatable process to implement and then quickly tailor or enhance each EVM element to suit the specific business requirements of our customers. Actionable information, required by both corporate operations and management, is collected and analyzed by experienced EVM experts, yielding results that are always directly relevant to improving the work being monitored. We access best practices for schedule, cost, and performance measurement to ensure that variances from the baseline plan are identified and mitigated as early as possible.

TechSource EVM experts have access to Best-In-Class program and project managers who thoroughly understand the challenges facing our customers. That wealth of experience, in a comprehensive range of federal, state, commercial, and academic sectors, enables our EVM experts to have a unique appreciation of the context within which the EVM system must perform.

TechSource Provides Custom EVM Solutions

Processes, Tools, and Training

- EVM System Descriptions and Procedures
- Software Systems Implementation and Support Services, including Deltek Cobra®, Encore-Analytics-Empower®, Oracle Primavera EPPM- P6®, and MS Project/Project Server®
- Cost and Schedule Baseline Development
- Integrated Master Plan and Integrated Master Schedule Development and Support
- EVM Systems Compliance and Quality Assurance Reviews
- Integrated Baseline Review Planning and Execution Services
- Subject-Matter Expert Support for EVM Tools, Configuration, Training and Execution of Project Control Processes, including Remote, Virtual Support Services
- Cost Account Manager and Project Manager Training for Project Managers
- Mentoring/Training/Knowledge and Skills Transfer

Project Management Infrastructure Support and Development

- Project Management Office Setup
- Customized Project Controls, Procedures, Templates, and Work Instructions
- Custom Database (MS Access®) Systems and Reporting Systems Development

Whether the requirements demand complex decision analysis, systems engineering, or production of a specific nuclear component, our EVM experts will propose a tailored approach that is specifically informed by an indepth understanding of the strategic objectives and technical, budgetary, or institutional challenges that must be met for project success.

Our tailored NextGen EVM system will always reflect the appropriate scale and complexity of project controls and performance metrics to ensure that the resulting data are timely and accurate and, most importantly, provide a thorough understanding of project status.

Access NextGen Expertise

Our experts will design a customized EVM solution, beginning with a requirements gap analysis, and then will select and apply appropriate schedule, cost, and performance measures, including deployment of software tools. We provide training and follow-on implementation support to ensure that your EVM system improves project performance and achieves mission objectives in the most efficient and cost-effective fashion.

TechSource has played a leading role in providing NextGen earned value management, project controls, and program management technical services to NNSA Defense Programs through the Office of Systems Engineering & Integration in Albuquerque, New Mexico. We successfully developed integrated EVM reporting systems on the B61-12 Life-Extension Program, led and managed the EVM system implementation on the W88 ALT 370, and are currently providing key resources on the W80-4 Long Range Stand-Off in the same capacity.

TechSource will customize a forward-thinking, effective EVM solution to improve attainment of your program objectives using the approach and successful experience it has demonstrated on a range of critical projects. Our goal is to make the measurement of project performance transparent and readily accessible.

We're the Go-To Experts for Experts

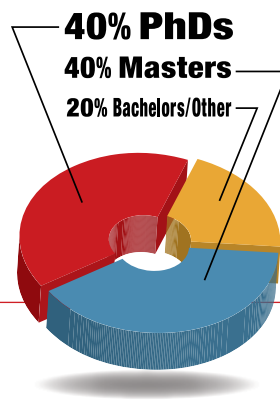### Science & Engineering Expertise

TechSource is a leading high-technology science and engineering small business offering recognized expertise in nuclear and physical sciences, engineering and technology, domain knowledge, and decision analysis.

Unparalleled Expertise

TechSource's talented and innovative 500-plus cohort is composed of experts, most with 35 years or more of hands-on experience.

Complex Management Solutions

TechSource offers policy to test bench technical and management services in coordination with point-of-interest expertise to organizations responsible

40% PhDs
40% Masters
20% Bachelors/Other

Our Bench

Our EVM experts have years of program management, project control, and information systems experience for a broad range of government, commercial, and industry project types spanning aerospace and defense; oil, gas, and petrochemical; information technology and telecommunications; semiconductor and electric power plant construction; municipal government program management; nuclear facility operations and maintenance; environmental deactivation and decommissioning; chemical demilitarization; and a variety of nuclear weapons-related infrastructure and life-extension programs.

Contact

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for developing, implementing, operating, and managing high-technology programs nationwide.

The World's Smartest Organizations Use TechSource

For over 20 years, TechSource has successfully supported a diverse and expanding client base, including U.S. federal agencies, the national laboratories, the Navajo Nation, universities, and commercial entities focused on solving some of the most complex issues facing the United States today.

Recognized Qualified Expert

TechSource is recognized as an independent, qualified expert whose advice and products uniquely and effectively bridge technical and programmatic requirements.

A Major TechSource Strength Is the Depth and Breadth of Our Experts

TechSource offers a responsive team along with expansive reach-back. We have subject-matter experts in the design, development, and implementation of EVM systems, scheduling, and project controls in accordance with best practices, including software tools and training.

TECHSOURCE®
A Science & Engineering Consultancy

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