



This is an Intermediate level **ONE-day** hands-on workshop or **TWO 4-Hour** hands-on distance learning workshop designed for project management professionals required to deliver commercial **Earned Value Performance Management (EVPM)** reporting and analysis using **EVENGINE™ STANDARD** — Project Control software.

EVENGINE STANDARD is a Microsoft® Office Excel Add-in utility that covers all computational requirements to deliver commercial **EVPM** performance reporting to internationally accepted standards and guidelines. Specifically:

- Project Management Institutes *PMBOK® Guide* - Fourth Addition, together with their Practice Standard for Earned Value Management, and
- ANSI/EIA-748-B — Standard on Earned Value Management System guidelines.

Who should attend?

Any person, who understands **EVPM** concepts, terminology and is going to utilize **EVENGINE STANDARD** to deliver commercial EVPM, participants should be comfortable with the concepts covered in our **Project Financial Measurement and Control Using Earned Value Performance Management (EVPM)** course.

Learning Objectives:

This workshop covers all of the basic and enhanced **EVPM** capabilities, including Earned Schedule (ES) that are provided by **EVENGINE STANDARD** Including:

- **EVENGINE** data structure requirements.
- Importing scheduling data to **EVENGINE**.
- **EVENGINE** reports and graphs.
- Extending **EVENGINE** to financial management and investment analysis.

For more **EVENGINE STANDARD** information, visit the product's website www.evenengine.net.

Workshop Content:

This hands-on workshop includes three hands-on labs to ensure that the participants understand the capabilities of **EVENGINE STANDARD** — Project Control software.

EVENGINE Data Structure and Workflow

- Overview of EVENGINE functionality.
- Review of the prerequisites for the effective use of EVENGINE.
- Data structures required for EVENGINE processing.

Importing Planning and Actual Data

- Importing data from Microsoft Project and other planning systems such as Primavera P6/7.
- Entering data directly into the EVENGINE Spreadsheet interface.
- Data Verification and cleanup
- Changing status date.

Hands-On Lab 1

This first hands-on lab allows participants to import MSProject scheduling data and establish an **EVENGINE** Workbook. They also update the original data based on updating the project schedule.

EVENGINE EVPM Graphs and Reports

- The common elements of all of the EVENGINE STANDARD Reports and Graphs
- Explanation of the Graph types that are generated by EVENGINE
- Performance Graphs
- Project Estimate Graphs
- Custom Data Report
- Variance and Indices Graphs
- Combined Histogram
- Integrated Report and Graph
- Performance Report – Summary and Detail
- Historical Data Graph and Report
- Time Displacement Analyzer
- Miscellaneous Reports
- Schedule Variance
- Integrated SV Graph

Hands-On Lab 2

This second hands-on lab allows participants to first generate a specific set of basic EVENGINE graphs and reports. The second portion encourages participants to experience the fully capabilities of EVENGINE.

Extending EVENGINE

- Project, Program and Portfolio EVPM reporting
- For Investment Analysis
- For Financial Management

Hands-on Lab 3

In this lab participants are given the opportunity to discover how EVENGINE STANDARD supports the previous three capabilities. For each scenario participants are given a general set of instructions and then encouraged to experiment.

Excel for Enhancing and Publishing EVENGINE Graphs and Reports

Workshop Content:

Each participant is given a copy of the EVENGINE STANDARD User Manual, and the PowerPoint slides used during the workshop. In addition participants are given hardcopy of the EVENGINE Data Structure Quick Reference card and EVPM Quick Reference Card.