



Project Services Pty Ltd

Easy EVM

Half-Day Workshop

Outline

This short workshop is designed to provide project staff with a basic understanding of Earned Value Management (EVM) and its purpose as a core element in an organization's project controls system.

Target audience, staff working on projects using EVM, or in situations where EVM reports will form part of the information flow the person uses in their management role.

Delivery

Virtual: Two 1.5-hour presentations and facilitated discussion via MS Teams or Zoom. The two sessions may be on the same day, or on different days. Virtual delivery is available world-wide.

Face-to-Face: Two 1.5-hour sessions conducted in-house (morning or afternoon, with a tea break). Face-to-face delivery is available in Australia and New Zealand.

Session Contents

Session 1 (1 ½ Hrs.) EV & Controls, overview:

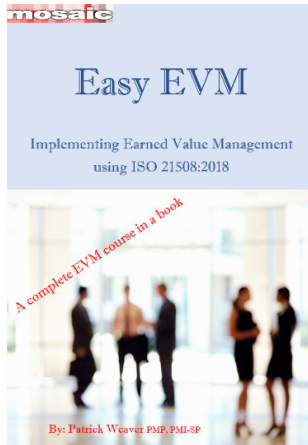
- Introductions & house keeping
- EV - The key requirements
- Overview of earned value
- Introduction to AS 4817/ISO 21508:
 - Decompose the Project Scope (develop the WBS)
 - Assign Responsibility
 - Schedule the Work
 - Develop Time-Phased Budget
 - Assign Objective Measures of Performance
 - Set the Performance Measurement Baseline (PMB)
 - Authorize and Perform the Work
 - Accumulate & Report Performance Data
 - Analyze Project Performance Data
 - Management Action
 - Maintain the Baseline

- EV management
- Analyzing performance data – It's all in the numbers
- Uncertainty / Risk
- Earned Schedule
- EV origins
- Conclusion

Session 2 (1 ½ Hrs.) EV concepts:

- Data reliability
- EVM Basics
- Definition of key elements
 - At 'Time Now': PV, AC, EV
 - Total project costs BAC, EAC, & ETC
- Definition of key formula
 - CV, CPI, SV, SPI, EAC & ETC
 - Other EV formulae
 - Variance -v- Index
 - SPI limitations
- Setting the performance management baseline
 - Developing the Performance Management Baseline (PMB)
 - Maintaining the PBM
- Measuring progress - Assigning objective measures of performance
 - Discrete effort: volume / count / measurement
 - Weighted milestones
 - Fixed formula
 - Percent complete
 - Apportioned effort
 - Level of effort
- Analyzing Performance Data
 - Understanding and interpreting EV data
- Management is Proactive
- Useful EV Standards and Guides
 - GAO Cost Estimating and Assessment Guide & Schedule Assessment Guide
 - AS/ISO 21508 and ISO 21511
 - Mosaic's resources
- Summary
- Course wrap-up and close

Inclusions



All attendees will receive a free copy of:

Easy EVM - Implementing Earned Value Management using ISO 21508:2018.

Easy EVM is a self-paced course-in-a-book, supported by Mosaic Project Services Pty Ltd. The purpose of this 'course-in-a-book' is to provide practical guidance to people, and organizations, involved in either implementing an earned value management system, or using information created by an earned value management system. It provides guidance on concepts, responsibilities, integration, and processes, for the implementation and use of earned value management based on ISO 21508: *Earned Value Management in Project and Programme Management*. The book is divided into five sections, each section includes guidance on an aspect of EVM, references, and a set of 20 questions; with the answers in Section 6.

Open the Book2Look preview to see the full table of contents, sample pages, and sample questions & answers. The free preview is available at: <https://www.book2look.com/book/vwFQYiaJkd>

For more information see: <https://mosaicprojects.com.au/shop-easy-evm.php>.

Contacts

To discuss your Earned Value training requirements, contact:

Mosaic Project Services Pty Ltd.
Tel: +61 (0)3 9696 8684
Email: training@mosaicprojects.com.au
Web: <https://mosaicprojects.com.au/contact.php>

For more on our EVM Training see: <https://mosaicprojects.com.au/Training-WS-EVM.php>
