

## **Integrated performance management analysis. To include SE Technical performance measures, Risk Management, and Cost and schedule metrics**

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### **Masterclass Overview**

The masterclass objectives are to provide attendees with the skills needed to:

- (1) How to develop an integrated technical plan for complex programs to allow for accurately tracking progress.
- (2) How to perform integrated data analysis of periodic cost, schedule, and technical data to access historic performance to date.
- (3) How to use cost and schedule performance data, technical performance measures and technical risk to predict future performance.
- (4) How to perform independent analysis on end of program projections to assess feasibility and realism.

As a result of this workshop, participants will be able to successfully perform integrated performance management analysis of a project or program.

### **Topics:**

- Aspects and artifacts of an Integrated Program Management required for a balanced technical plan.
- Developing a technical plan that can be incrementally updated as the program matures and leverages lessons learned and navigates technical and programmatic challenges.
- Using Technical Performance Measures, Technical Risk Register, and Schedule Risk analysis integrated with cost and schedule analysis to gain a deeper understanding of current program status.
- Using the result of integrated performance management to forecast cost and schedule to both interim and end of project milestones.
- Assessing a programs latest forecast for feasibility and realism.