

## **GSAW 2013 Tutorial J:**

Cyber Security Mission Assurance Baseline

**Length:** Half day

### **Overview:**

The goal of this tutorial is to show how Information Assurance (IA) and Cyber requirements should be integrated into Ground System Acquisition, specifically into the Software Systems Development Life Cycle (SDLC). To that end, the IA & Cyber Mission Assurance Baseline (MAB) has been updated to define the tasks that should be accomplished at each phase of the SDLC and the specific security tasks relevant to the various layers of the OSI model.

**Instructors:** Marybeth Panock, Mario Tinto, The Aerospace Corporation

### **Biographies:**

**Marybeth Panock** is a credentialed security professional with more than 20 years experience in IT security and information assurance both in the commercial sector and for the DoD. Ms. Panock is a past Program Director for ISSA-LA and has lead CISM tutorial sessions for ISACA- New England. At Aerospace, she is a member of the Cyber Security Subdivision. Formerly part of Space Program Operations, Ms. Panock provided IA support to Ground Software.

**Mario Tinto** is a Senior Engineering Specialist in the Cyber Security Subdivision. Since joining Aerospace in 1995 he has provided IA engineering support to several DoD programs, including the Advanced Tactical Fighter (F-22 Raptor) and the Ballistic Missile Defense System (BMDS). He provides extensive support and technical guidance & oversight to the Common Criteria evaluation activities managed by NSA. He participated in the Software Architecture CSI efforts, contributing technical inputs on IA and Resiliency, and also supported the NSA R&D work in Measurement and Attestation.

Prior to joining Aerospace, Mr. Tinto was a Chief Scientist within the National Computer Security Center at NSA.

### **What Participants Should Expect to Learn:**

The IA & Cyber tasks were specifically developed to help the IA/Cyber professional identify and lead the effort to ensure that at each acquisition milestone and program major event, such as a satellite launch, IA & Cyber considerations are appropriately addressed to mitigate the program risk of delivering a secure resilient system.

### **Who Should Attend:**

Focus issues:

- Integrating Information Assurance (IA) and Cyber into the Ground System Acquisition Process via the Software Systems Development Life Cycle (SDLC)
- IA & Cyber Mission Assurance Baseline (MAB) Level 1 and Level 2 Tasks