

GSAW 2004 Tutorial IV:

Information Assurance for Ground Systems and the Global Information Grid

Length: Half day

Overview:

This tutorial presents an overview of the DoD's approach to information assurance (IA). Recently signed DoD policy outlines a new framework for achieving IA, describes responsibilities and procedures for its implementation, and functions as an umbrella under which existing and forthcoming, lower level IA-related policy will be integrated. This tutorial describes how DoD Directive 8500.1 and Instruction 8500.2 implement a Global Information Grid (GIG), defense in depth approach for IA through integration of processes and mechanisms, including system certification and accreditation, IA product acquisition and evaluation, and PKI.

Instructors: Charlie Lavine and Tim Lelesi, The Aerospace Corporation

Biographies:

Timothy Lelesi

Mr. Lelesi has worked in the Information Assurance industry for over 10 performing vulnerability assessments and system security engineering. Last year, he joined The Aerospace Corporation's Trusted Computer Security Department where he performs system security engineering and assessment for major space system programs.

Charles Lavine

Mr. Lavine has worked in the Information Assurance industry for the past 15 years—all at the Aerospace Corporation. He has participated in the NSA's product evaluation programs as well as performing system security engineering support for space systems. Mr. Lavine is the Director of Aerospace's Trusted Computer Systems Department.

Description of Intended Students and Prerequisites:

The ideal student is someone who needs to specify, design, operate, or evaluate a DoD network or information system. A goal of this tutorial is to provide a high level understanding of the DoD's new direction and primary policy and processes associated with it.