Call for Papers
Second Aerospace Computer Security Conference:
Protecting Intellectual Property
December 2-4, 1986
Washington, D.C.
Sponsored by
The American Institute of Aeronautics and Astronautics,
The American Society for Industrial Security
and
The Department of Defense Computer Institute

Abstract Deadline May 20, 1986

The Conference
The past two years have seen a sharply increased awareness of the need to actively protect the data, processes, and products of ADP systems. Personal computers, mainframe terminals, and intelligent software have become widely available and, combined with enhanced communications networks, have created unparalleled opportunities for unauthorized access to and modification of ADP resources. Efforts to make systems more user-friendly have also acted to remove barriers to privacy invasion and the compromise of system integrity.

While there have been major efforts to develop trusted systems, the implementation of this technology is still in its infancy. This conference will explore this technology in two complementary aspects: first, the policy issues and operational requirements for civil and military systems; and second, the hardware and software tools and techniques being developed to satisfy system requirements.

The two-day technical conference will be preceded by a full day of tutorials dealing with aerospace computer security. Sessions for newcomers to the field will be offered as well as advanced courses in specialized technological areas.

Areas of Interest Include:
- Trusted DBMSs and Operating Systems
- Network Security
- Space Station Requirements
- Languages & Verification Tools
- Policy & Management Issues
- Advanced Architectures
- C4I Systems
- SDI Issues & Requirements
- Risk/Threat Assessments
- Data Privacy and Integrity

Papers, Panel Concepts and Tutorials
Technical papers, panel concepts and tutorials which discuss the protection of intellectual property in the aerospace environment are solicited. Original research, analyses and approaches for defining the computer security issues and problems identified in the Conference’s interest areas; methodological approaches for analyzing the scope and nature of computer security issues; and, potential solutions are of particular interest.

Three copies of unclassified abstracts of approximately 500-1000 words with appropriate figures, accompanied by the “Abstract Submittal Form” as presented in the AIAA Bulletin, must be submitted before May 20, 1986. Material should be sent to:

Papers and Panel Concepts
Mr. Stephen Walker
Technical Program Chairman
Trusted Information Systems, Inc.
F.O. Box 45
Glenwood, MD 21738

Tutorials
Mr. J. Chris Perry
Tutorial Chairman
The Mitre Corporation
1820 Dolley Madison Blvd.
McLean, VA 22102

Classified Sessions
Classified sessions at the SECRET level are planned. Abstracts/proposals should be cleared with the author’s security officer before submission.

Additional Information
Authors will be notified of acceptance by August 1, 1986, and manuscripts will be due at AIAA Headquarters by October 1, 1986.

For more information or to receive future mailings, please contact Dr. Joel Levy, General Chairman.

ORI, Inc.
1375 Piccard Drive
Rockville, MD 20850

Vendor inquiries invited.