

**NASA GRC ACAST Workshop:
Session A: Future Aviation Network
Technology -
Report on AEEC Aircraft Information
Security Working Group**



AvioniCon

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**August 24, 2004
Cleveland, Ohio**

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- **Aeronautical Radio, Inc. (ARINC) Airlines Electronic Engineering Committee (AEEC) established the Aircraft Information Security Working Group to address a pressing airline industry need**

- **Project scope:**

“The project will develop a Concept of Operations for a common security framework and a set of common security mechanisms which, when designed and implemented, will not impair the ability to safely fly and dispatch aircraft in a timely manner.”

- **Chairman: Steven Arentz, UAL; Secretary: Roy T. Oishi, ARINC**
- **First meeting: June 15 – 16, 2004 at UAL, Elk Grove, IL**
- **Next meeting: September 7 - 9, Redmond, WA**
- **Final ConOps document scheduled for approval in mid-2005**



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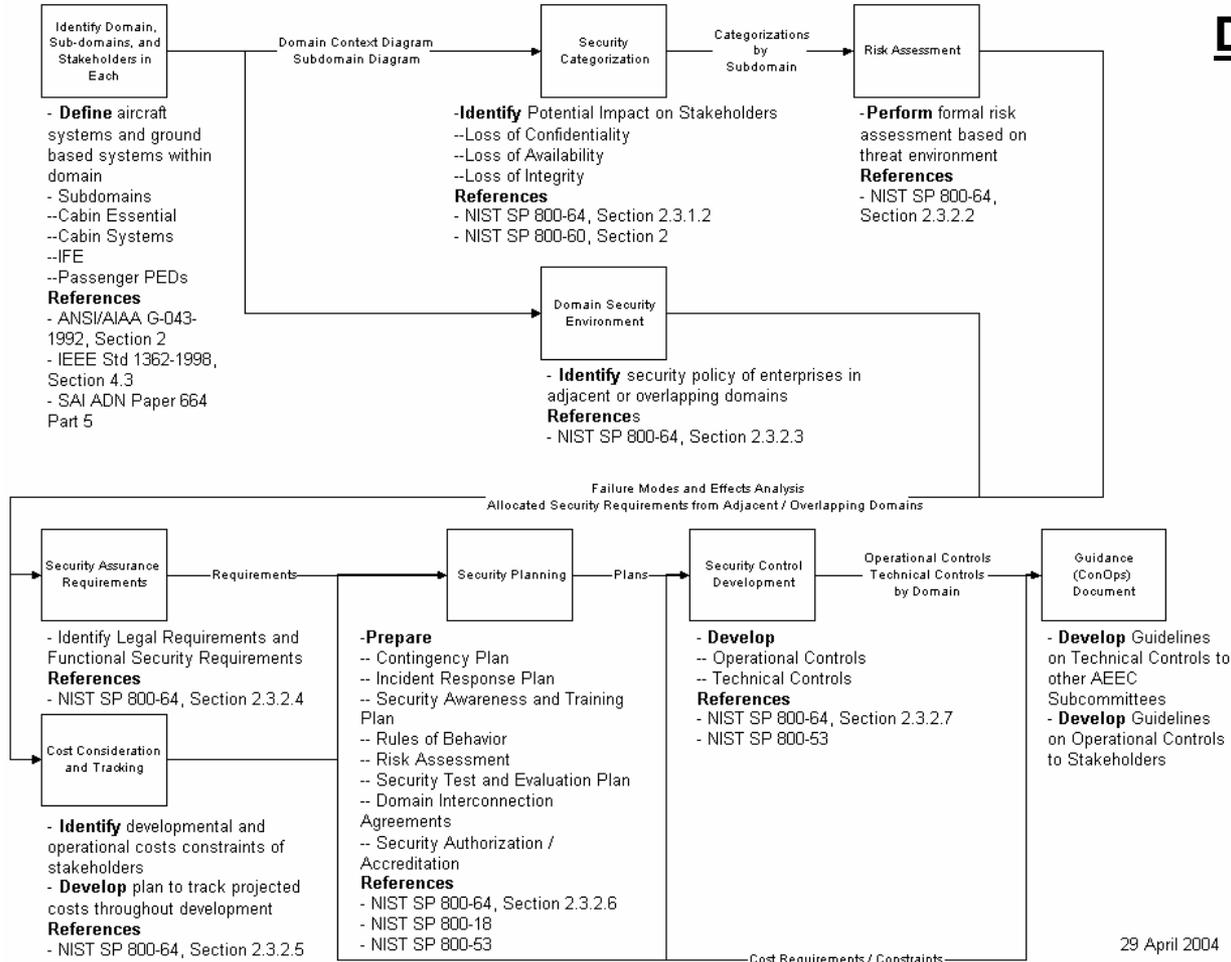
- Key results of the first meeting**
 - A clear definition and description of security objectives is needed**
 - Common solutions for common security problems**
 - Operational issues, such as what happens when a security event occurs, must be identified and understood**
 - Updating security configuration of an aircraft should be a configuration management function and not a “part number roll”**
 - Security domains, including extra-aircraft, must be defined in terms of airline interests**



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Honeywell Proposal for Work Process Flow
AEEC SAI Information Security Working Group

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29 April 2004