

Security Equipment Integration Working Group (SEIWG) Overview Dec 2005

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Topics

- SEIWG Architecture Activities
 - Objectives
 - FY 05
 - FY 06
 - Future

SEIWG Mission

- The Security Equipment Integration Working Group (SEIWG) supports the Physical Security Equipment Action Group (PSEAG)
- The SEIWG assists in reducing the cost of security systems by ensuring that new security systems integrate with existing systems and by minimizing architectural redesign
- The activities described in this briefing support the SEIWG mission by developing a standards profile (TV-1), a standards forecast (TV-2), and a set of interface control documents that guide development of physical security equipment by the four services

SEIWG FY05 Architecture Tasks

Started 1 Jun 2005, completed 30 Nov 2005

- **Task 1 – Maintain/refine AT/FP Standards Profile (TV-1) and Standards Forecast (TV-2)**
- **Task 2 – Develop overarching Interface Control Document (ICD) prescribing interfaces between Anti-Terrorism/Force Protection (AT/FP) Command Control and Display Equipment (CCDE) and sensors/actuators/entry control components**

SEIWG FY06 Architecture Tasks

Scheduled to begin 23 Feb 2006, to be completed 23 Dec 2006

- **Task 1 – Finalize FY06 AT/FP Standards Profile (TV-1) and Standards Forecast (TV-2) and begin development of FY07 AT/FP TV-1 and TV-2**
- **Task 2 – Refine overarching ICD covering interfaces between Anti-Terrorism/Force Protection (AT/FP) Command Control and Display Equipment (CCDE) and sensors/ actuators/entry control components**
- **Task 3 – Begin development of CCDE-to-CCDE ICD**
- **Task 4 – Incorporate CCDE-to-Access Control System ICD into overarching ICD developed under Task 2**
- **Task 5 – In support of interface verification/validation, develop and demonstrate software implementing CCDE-to-sensor/actuator/access control system interface requirements defined in Task 2**
- **Task 6 – In support of interface verification/validation, develop and demonstrate software implementing CCDE-to-CCDE interface requirements defined in Task 3**

Long-Term Vision for SEIWG

- **Continue to work urgent SEIWG ICD development tasks**
- **Maintain products already developed (e.g., TV-1, TV-2, and CCDE-to-sensors/actuators/access control systems ICD)**
- **Begin developing foundation SEIWG Anti-Terrorism/Force Protection (AT/FP) architecture views**

Security Industry Association (SIA) Standards Committee

- The SIA standards council is an ANSI accredited organization with a mission to “*work to create the best technical environment for the application of security technologies.*”
 - Developing common, open, interoperability protocols and performance standards required to enhance the acceptance and advancement of SIA members’ product lines.
 - Representing SIA to other Standards Developing Organizations at the Security Industry Standards Council and other Standards Developing Organizations.
- Both the SIA and SEIWG have the same long-term goals; to develop products that are “open” in order to create a “Plug and Play” environment. Synergy exists between the groups.
- The SEIWG is building a relationship with the SIA

Society of Automotive Engineers (SAE) Unmanned Systems Committee (AS-4)

- The Unmanned Systems Committee of the Society of Automotive Engineers (SAE AS-4) is in the process of assuming responsibility for the Joint Architecture for Unmanned Systems (JAUS) Reference Architecture Specification
- Some AT/FP systems make use of unmanned systems
- The SAE AS-4 and SEIWG have similar long-term goals and intersecting interests
- The SEIWG has begun building a relationship with SAE AS-4