

System Analysis and Modeling Interest Group

Dennis Holstein, Chairman
Jay Wack, Admin (secretary)

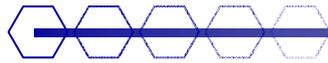
Chicago, IL

October 27, 2005

Scope and objectives

- **Develop case studies of the enterprise as a whole**
 - Define the common cyber-security requirements
 - Extend the company security policy across domains and organizational units within the enterprise
- **Identify and characterize logical domains that form the security boundaries to be protected from cyber attack**
 - Describe the level of security needed to effectively mitigate the most probable attacks
 - Develop organizational, functional and object models to support system-level requirements analysis
 - Suggested topics to get started
 - Overlapping of organizational responsibilities
 - Role-based access control to restrict access to and use of data - to the level of any named object
 - DMZs where needed
 - Manage the cyber-security systems throughout the enterprise

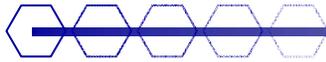
How are we going to do this



- 1. Small task groups will perform an initial analysis and present a technical note for peer review by SA&M members**
- 2. After consensus has been reached within SA&M, a technical note will be posted on the PCSF web site for public review**
- 3. Respond to comments and publish a technical brochure**
 - Findings (conclusions and recommendations)
 - Include technical analysis supporting findings



PCSF (MitreTek) will facilitate SA&M volunteer work

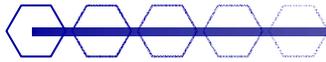


- Purchase documents needed for analysis **(requested)**
- Between face-to-face meetings
 - Provide a toll free number for technical discussions **(requested)**
 - Provide a “Live Meeting” (or equivalent) for technical discussions **(requested)**
- Provide organizational support of meetings
- Manage the web site and include a section for posting SA&M information
- Participate in peer review
- Publish technical brochures



Now its your turn

We need your input and contributions



Topic	Leader	Contributors	Remarks
Formal UML modeling	Holstein		Architectural, organizational and functional models are required for input

