



To: System Analysis and Modeling Interest Group Members
From: Dennis K. Holstein, OPUS Publishing
holsteindk@adelphia.net
Phone: 562.716.4174
FAX: 562.430.1538

CC: SA&M File
Date: November 13, 2005
Re: Minutes of SA&M Meeting in Chicago, IL 2005-10-27 (DRAFT)

The System Analysis and Modeling (SA&M) Interest Group held their first meeting in Chicago, IL on October 27, 2005. The purpose of this meeting was to introduce the SA&M purpose and scope to potential members and to solicit their feedback on specific topics that would be of near term benefit.

1. Attendees

Dennis HOLSTEIN, OPUS Publishing, Chairman
Vic HAMMOND, Argonne National Laboratory
Shabbir SHAMSUDDIN, Argonne National Laboratory
William R. SIMPSON, Institute for Defense Analysis
Martin SOLUM, Cyber Security Defense Agency
Jim WATTERS, MITRE
Thomas WHITE, Honeywell

2. SA&M Overview – Dennis Holstein, Chairman

Dennis HOLSTEIN presented a 15 minute overview of the SA&M purpose, scope, and mode of operation. A copy of the presentation is attached. Several suggested topics were presented to the attendees to start the discussion.

- The attendees agreed with the recommended approach of two meetings per year and using TELECONS and Microsoft's Live Meeting to collaborate on work between the face to face meetings.
- The product of SA&M's work will be a Technical Note for a specific topic. The technical note will provide sufficient systems-level analysis and modeling information to support its findings and recommendations. The technical note will be structure to provide a framework for other working groups to pursue the subject in more detail and focus related to a specific application.

3. Topics recommended by the attendees

The remaining time of the meeting was focused on soliciting from the attendees their recommendations for topics. Three topics were selected for further analysis and modeling. Each topic will result in the publication of a Technical Note.

Martin SOLUM will be the liaison between SA&M and the Self Assessment Development, Process, Standards, and Tools Interest Group to improve the harmonization of SA&M products with visualization and situation analysis tools.

3.1 Technical Reference Model (TRM)

3.1.1 Participants

William SIMPSON, Institute for Defense Analysis – Leader (approval pending)
Martin SOLUM, Cyber Defense Agency
Jim Watters, MITRE

3.1.2 Description

The Technical Reference Model (TRM) will focus on security solutions that address physical and cyber considerations that are responsive to the enterprise security policy. TRM will include but not be limited to SCADA, business functions, remote access, bandwidth and communication speed constraints, identity/authentication, and encryption.

TRM will use the Reference Threat Matrix (RTM) and the Reference Organizational Model (ROM) described in 3.2 and 3.3 below.

3.1.3 Status: Startup

To be updated.

3.2 Reference Threat Matrix (RTM)

3.2.1 Participants

William SIMPSON, Institute for Defense Analysis
Tom WHITE, Honeywell

3.2.2 Description

The Reference Threat Matrix (RTM) will define and characterize the threats to Confidentiality, Integrity, Identity and Authentication, Authorization that are common to all critical infrastructures and those that are unique to specific infrastructures.

3.2.3 Status: Startup

To be updated.

3.3 Reference Organizational Model (ROM)

3.3.1 Participants

Jay WACK, TecSec – Leader (approval pending)
Dennis HOLSTEIN, OPUS Publishing
Jim WATTERS, MITRE

3.3.2 Description

The Reference Organizational Model (ROM) will describe the complexity of organizational relationships between Partnerships, Independent System Operators (ISOs), and Regulatory Agencies that must be considered to ensure a comprehensive security solution. Furthermore, complexities introduced by organizational separations within the enterprise will also be considered.

3.3.3 Status: Startup

To be updated

4. New Business

None

5. Action Items

5.1 Chicago Meeting 2005-10-27

AI Number	Description	Assignment	Due Date Status
1.	Setup TELECONs and Live Meetings for collaboration and distribute procedures to SA&M members.	Dennis HOLSTEIN	2005-11-30
2.	Setup SA&M repository so that members can access information needed for analysis, modeling, and collaboration.	MitreTek	2005-11-30
3.	Establish SA&M Membership Account. MitreTek will provide assistance.	All Members MitreTek	2005-11-30
4.	Distribute draft minutes to all attendees and potential members that were not able to attend the meeting.	Dennis HOLSTEIN	2005-11-30
5.	Solicit participation in SA&M subtasks from potential members that were not able to attend the meeting.	Dennis HOLSTEIN	2005-11-30
6.	Discuss with Jason Stamp (Sandia National Laboratories) his interest in participating in SA&M and specifically in the development of the Reference Organizational Model	Dennis HOLSTEIN	2005-11-30

6. Next Meeting

June 6-8, 2006 in San Diego, CA