Introductory Presentation on the ANSI-HSSP

Presented by Matt Deane, ANSI-HSSP Secretary

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American National Standards Institute
HOMELAND SECURITY
STANDARDS PANEL

Overview

- **Introduction to ANSI**
- **Background: Standards Coordination Needed**
- **ANSI Homeland Security Standards Panel (HSSP)**
  - **Formation /Goals and Expectations**
  - **Roles and Tasks**
  - **Actions to Date**
  - **Interim Steering Committee Structure**
  - **Workshops**
- **Next Steps**
- **Questions and Answers**

ANSI Mission

To enhance the global competitiveness of U.S. business and the American quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems and ensuring their integrity.

A Private- and Public-Sector Partnership Since 1918

A Federation
of members representing . . .

- **Academia**
- **Individuals**
- **Government**
- **Companies**
- **Trade Associations**

- **Professional Societies**
- **Service Organizations**
- **Standards Developers**
- **Consumer and Labor Interests**
- **and many more.**

Bringing the Private & Public Sectors Together Since 1918

- **ANSI is . . .**
  - ➢ **an "umbrella" organization for the U.S. voluntary consensus standards community**
  - ➢ **a private-sector led and public-sector supported standards coordination body**
  - ➢ **a not-for-profit organization**

- **ANSI is not . . .**
  - ➢ **a standards development organization (SDO)**
  - ➢ **a government agency**

ANSI's roles and responsibilities are to:

- accredit U.S. Standards Developers, U.S. Technical Advisory Groups and conformity assessment systems

- ensure integrity of the U.S. voluntary consensus standards system by audit of SDOs and appeals process

- provide regional and international access

- respond to urgent national priorities

- offer a *neutral policy forum* for standards coordination issues

Background:
Standards Coordination Needed

- **The *National Strategy for Homeland Security* (July 2002) identified the need for standards to support homeland security (HS) and emergency preparedness**

- **January 2, 2003 Report for Congress states:** *"Neither the federal government, nor the nongovernmental sector presently has a comprehensive, consolidated program for developing new preparedness standards."*

ANSI Forms Homeland Security Standards Panel (HSSP)

- **February 5, 2003: Formation of ANSI-HSSP announced**
- **Emphasis on:**
  - **promoting and facilitating a cooperative partnership between the public and private sectors**
    - **Private Sector Co-Chair: Dan Bart, Telecommunications Industries Association (TIA)**
    - **Public Sector Co-Chair: Mary Saunders, National Institute of Standards and Technology (NIST)**
  - **providing the venue where each agrees to cooperate**
  - **recognizing the significant work that is already underway or that has been completed by a vast array of standards-setting bodies**
  - **coordinating and facilitating interoperability among the many homeland security standards solutions being proposed**

ANSI-HSSP (continued)

- **For planning purposes, a model based on the ANSI Information Infrastructure Standards Panel (IISP)**

  - ➢ **An ANSI-sponsored group formed in the mid-1990's to identify requirements for the emerging U.S. Information Technology infrastructure ("*Information Superhighway*")**

- **Relies upon an expansive, open and well-tested network to align standardization experts with urgent national priorities.**

- **Recognizes need to be flexible as standards needs change**

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ANSI-HSSP Roles

- **Facilitate the development and enhancement of homeland security standards**

- **Serve as private/public sector forum for standards issues that cut cross-sector**

- **A forum for information sharing on HS standards issues**

- **Will not itself develop standards**

- **Not a "gatekeeper" for access to DHS or other agencies**

ANSI-HSSP Tasks

- **Continue to actively solicit participation from industry sectors and groups traditionally outside the voluntary standards system (*e.g.*, fora/consortia)**
- **Identify current standards work and identify gaps**
- **Catalogue existing standards/projects to facilitate standards development in various homeland security-related focus areas where they do not exist**
- **Establish and maintain an online database of reported HS standards/projects -- a portal to HS standards information, especially for the non-traditional standards user**

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Initial Actions Taken

- **Survey distributed to standards developers and ANSI members; over 150 organizations (SDOs, government agencies, private companies, etc.) have requested to participate on the Panel**
  - ➢ **Listing on ANSI-HSSP website**
- **Press releases and presentations at conferences to reach others (*i.e.*, non-ANSI)**
- **Development of ANSI-HSSP website (www.ansi.org/hssp)**

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Actions Taken (continued)

- **Multiple meetings with staff of the Department of Homeland Security and other federal agencies**

- **Formation of an Interim Steering Committee (ISC) as a planning group to reach consensus on structure for the ANSI-HSSP going forward**
    - *Decision taken to focus <u>initially</u> on DHS priority standards issues*

- **Full Homeland Security Standards Panel meeting June 9-10, 2003 at NIST**

- **Four ISC meetings to date**

ANSI-HSSP Interim Steering Committee

- **Lead by the ANSI-HSSP Co-Chairs**
- **Comprised of Government Agencies, ANSI SDOs, non-ANSI SDOs, and Companies (ANSI members and non-ANSI)**
- **Four At-Large Seats (Union, Consumer, Academia, State and Local)**
- **ISC is a planning and sounding board – not a governing body**
- **Total: 35-40 seats (plus 2 special advisors)**

Interim Steering Committee

- **Government Agencies on ISC**
  - Department of Homeland Security
  - Department of Defense
  - Department of Health and Human Services (FDA)
  - Department of Energy
  - Department of the Interior
  - Department of the Treasury
  - Environmental Protection Agency
  - Department of Justice/ National Institute of Justice (DOJ/NIJ)

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Interim Steering Committee

- **ANSI SDOs (criteria)**
  - **Sectors and Cross Sector**
  - **Largest (most standards)**
  - **Principal SDO for Sector**
  - **Current HS work as reported on survey**
  - **Interest in leadership on ISC or Working Group**

- **ASDOs selected for ISC**
  - **ASTM International**
  - **INCITS/ITI** (InterNational Committee for Information Technology Standards/Information)
  - **ASME International**
  - **Underwriters Laboratories (UL)**
  - **ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers)
  - **National Fire Protection Association (NFPA)**
  - **Accredited Standards Committee X9 (Financial Services)**
  - **Security Industry Association (SIA)**
  - **Institute of Electrical and Electronics Engineers (IEEE)**
  - **American Nuclear Society (ANS)**

Interim Steering Committee

- **Non-ANSI SDOs**
  - ➤ **Same criteria, as well as interest expressed**

- **Non-ANSI SDOs selected for ISC**
  - ➤ **Aerospace Industries Association (AIA)**
  - ➤ **Alliance for Telecommunications Industry Solutions (ATIS)**
  - ➤ **Intelligent Transportation Society of America (ITS America)**
  - ➤ **Association of Analytical Communities International (AOAC)**
  - ➤ **Biometric Consortium**
  - ➤ **International Code Council (ICC)**

Interim Steering Committee

- **Companies**
  - ➤ **Sectors and Cross Sector**
  - ➤ **Interest in wanting leadership on ISC or WGs**
  - ➤ **Looked for Cross Sector and leadership in other HS activities if known**
  - ➤ **Knowledgeable standards people**

- **Companies selected for ISC**
  - ➤ **AMADIS (very active in transportation, shipping)**
  - ➤ **John Deere (Agricultural/ Food)**
  - ➤ **Cisco (I &T, NIAC, PCIS, etc.)**
  - ➤ **Lucent (I&T and energy)**
  - ➤ **Washington Group (8 sectors)**
  - ➤ **Boeing (Transportation)**
  - ➤ **Science Applications International Corporation (SAIC) (all sectors)**
  - ➤ **Motorola (4 sectors)**

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Interim Steering Committee

- **At-Large Seats**
  - ➤ **Sectors and Cross Sector**
  - ➤ **Other voices**
  - ➤ **Interest in wanting leadership on ISC or WGs**
  - ➤ **Knowledgeable standards people or HS**

- **At-Large Seats selected for ISC**
  - ➤ **Catholic University (Academia)**
  - ➤ **National Emergency Management Association (NEMA) (State and Locals)**
  - ➤ **ANSI CIF Chair – San Diego County Department of Agriculture (Consumer representative)**
  - ➤ **(Union representative)**

Interim Steering Committee

- **Two Special Advisors**
  - **Generally do not attend meetings unless asked by Co-chairs for particular issues**
  - **Monitor work electronically**
  - **Non-voting slots**
  - **Knowledgeable about standards, security, long career track record, well-known in DC area**

- **Named by ANSI:**

Dr. Robert Hermann, former chairman of the ANSI Board, retired in 1998 from United Technologies Corporation, senior vice president, science and technology. Prior to UTC, Dr. Hermann served 20 years with the National Security Agency, R&D, operations, and NATO. Was Deputy Assistant Secretary of Defense for Communications, Command, Control and Intelligence, Assistant Secretary of the Air Force for R&D and logistics, and former Director of the NRO.

David McCurdy, president of the Electronic Industries Alliance and executive director of the Internet Security Alliance, served for fourteen years (1981-1995) in the U.S. House of Representatives (D-OK). As chairman the House Permanent Select Committee on Intelligence, he prepared the budget and conducted oversight of the multibillion dollar intelligence community and led a drive to reorganize that community.

ANSI-HSSP – Participation

- **Participation on the HSSP is open to all affected interests (ANSI and non-ANSI members)**
  - ➤ **Federal, State and Local governments**
  - ➤ **Industry representatives**
  - ➤ **Trade Associations and Professional Societies**
  - ➤ **Standards Developers (ANSI and non-ANSI)**
  - ➤ **Fora/Consortia**
  - ➤ **Academia**
  - ➤ **Consumer interests**
  - ➤ **Union representatives**

ANSI-HSSP – Path Forward

- **Nearly 200 experts attended the June 9-10 Panel meeting**

- **Four breakout sessions convened:**
  - ➢ **critical infrastructure protection (physical and cyber)**
  - ➢ **countermeasures for security technology systems**
  - ➢ **countermeasures for public health**
  - ➢ **certification and accreditation**

- **As a result of the discussions at the full Panel meeting and breakout sessions, and following subsequent meetings with DHS and the ISC, a workshop approach to be taken to address specific HS standards areas**

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National HS Strategy Targets and their Sector Liaison Officials

Agriculture and Food USDA, HHS	Water EPA, (also Army Corps of Engineers)	Public Health HHS
Emergency Services and Government DHS All agencies continuity of operations	Transportation DHS	Energy DOE
Information and Telecommunications DHS (including NCS)	Chemical Industry and Hazardous Materials EPA	National Monuments and Icons DOI
Defense Industrial Base DOD	Postal and Shipping DHS	Banking and Finance Dept of Treasury
Commercial Assets		

ANSI-HSSP Workshops

- **Proposed list of <u>initial</u> workshops:**
  - **Training Programs (for first responders dealing with Weapons of Mass Destruction)**
  - **Biometrics**
  - **Emergency Communications**
    - **Public to Government and Government to Public**
  - **Risk Assessment**
  - **Biological Agents**
  - **International Outreach**
  - **Cyber security**

ANSI-HSSP Workshops (cont.)

- **Common goals of the workshops are to identify existing standards in specific area, standards under development, gap areas, and to identify any existing or required conformity assessment programs**

- **Survey distributed to Panel members to indicate workshops in which they could make a contribution, state work they are doing, and note issues that workshop should address**

- **Small groups of ISC members examining each workshop to put together scope, objectives, proposed outcomes, timeline, metrics for success and commitment**

Next Steps

- **First workshop will be on Biometrics (9/24/03), following the Biometric Consortium Conference**

- **Other workshops to follow late 2003/early 2004**

- **Next ISC meeting to review progress of workshops scheduled for November 2003**

- **Next full Panel meeting to be held first quarter of 2004**

Contact

- **For further information or questions, please visit the ANSI-HSSP website (http://www.ansi.org/hssp) or contact the ANSI-HSSP Secretary, Matt Deane (212-642-4992, mdeane@ansi.org)**