



ExCo 503

Overview of ANSI Standards Panels

Healthcare Information Technology Standards Panel (HITSP)
Nanotechnologies (NSP, ISO/TC 229, TC 229 HSE WG)
ID Theft Prevention and ID Management Standards Panel (IDSP)
Homeland Security Standards Panel (HSSP)

*Submitted to the Executive Committee of the
ANSI Board of Directors
March 1, 2007*



Healthcare Information Technology Standards Panel (HITSP)

**Presentation to the Executive Committee of the
ANSI Board of Directors**

Presented by
Fran Schrotter, Chief Operating Officer, ANSI
March 1, 2007

HITSP Mission

- Cooperative partnership between the public and private sectors for the purpose of achieving a widely accepted and useful set of standards specifically to enable and support widespread interoperability among healthcare software applications, as they will interact in a local, regional and nationwide health information network for the United States.

HITSP Membership

A total of 277* organizations participating in HITSP representing a broad spectrum of interests:

- Standards Development Organizations (21)
- Non-SDOs such as clinicians, providers, safety net providers, vendors, purchasers, payers, public health professionals, and researchers (221)
- Government organizations (24)
- Consumer organizations (11)

(+Plus 68 informational organizations)

*Increased from 213 as reported at last ExCo meeting

Major Contract Deliverables

- On October 20, 2006, the HITSP submitted three Interoperability Specifications (ISs) to the Office of the National Coordinator at Health and Human Services on the topics of:
 - Biosurveillance
 - Consumer Empowerment
 - Electronic Health Record (EHR)
- These very detailed ISs were developed over a period of eight months through the extraordinary collaboration of over 200 organizations.
- At its meeting in October 2006, AHIC unanimously recommended that these ISs be forwarded to Secretary Leavitt for appropriate action and, in doing so, acknowledged the excellent work of the HITSP members.

Secretary Leavitt – Interoperability Specifications

- “Accepted” the three HITSP Interoperability Specifications – December, 2006
- Will “recognize” them in December, 2007 assuming minor changes of a technical nature
- “Recognition” triggers executive order expectations, which will require federal health systems launched after January 1, 2008 to be compliant with the standards recommended in the Interoperability Specifications

2007 Activities Underway

- Activity 1: Version 2.0 of Existing Use Cases
 - Minor updates to the Interoperability Specifications based on implementation and other activities
- Activity 2: Ongoing work for Existing Use Cases (e.g. Security and Privacy)
 - Security and Privacy Work Group updates; along with other ongoing updates to the three Technical Committees
- Activity 3: Emergency Responder EHR Use Case
 - New Emergency Responder EHR Interoperability Specification being developed
- Activity 4: New Use Cases Expected in March 2007
 - Consumer Access to Clinical Information (Extension of existing Consumer Empowerment use case)
 - Medications Management (New Use Case)
 - Quality (Extension of existing Biosurveillance use case)

Further Information

Further information on HITSP is available at:

www.hitsp.org



ANSI Nanotechnology Initiatives

www.ansi.org/nsp

ISO/TC 229 Nanotechnologies

- Secretariat: BSI
- ISO/TC 229 Working Groups
 - WG 1 Terminology and Nomenclature – leadership assigned to Canada
 - WG 2 Measurement and Characterization – leadership assigned to Japan
 - WG 3 Health, Safety and Environment– leadership assigned to the U.S.
 - Steven Brown, Intel Corporation, Convenor
 - ANSI serves as Secretariat
- Next ISO/TC 229 Meeting: June 4-8, 2007, Berlin, Germany

U.S. TAG to ISO/TC 229 Structure

- Dr. Clayton Teague, Director, National Nanotechnology Coordination Office (NNCO): Chair of the U.S. TAG and Head of the U.S. Delegation
- ANSI serves as U.S. TAG Administrator
- U.S. TAG Structure mirrors that of ISO/TC 229
 - TAG Working Groups
 - Terminology and nomenclature
 - Measurement and characterization
 - Health, safety and environment
 - TAG WGs are advisory to the U.S. TAG
 - U.S. TAG retains final decision making authority on all U.S. positions and ballots

Current Issues - Nanotechnologies

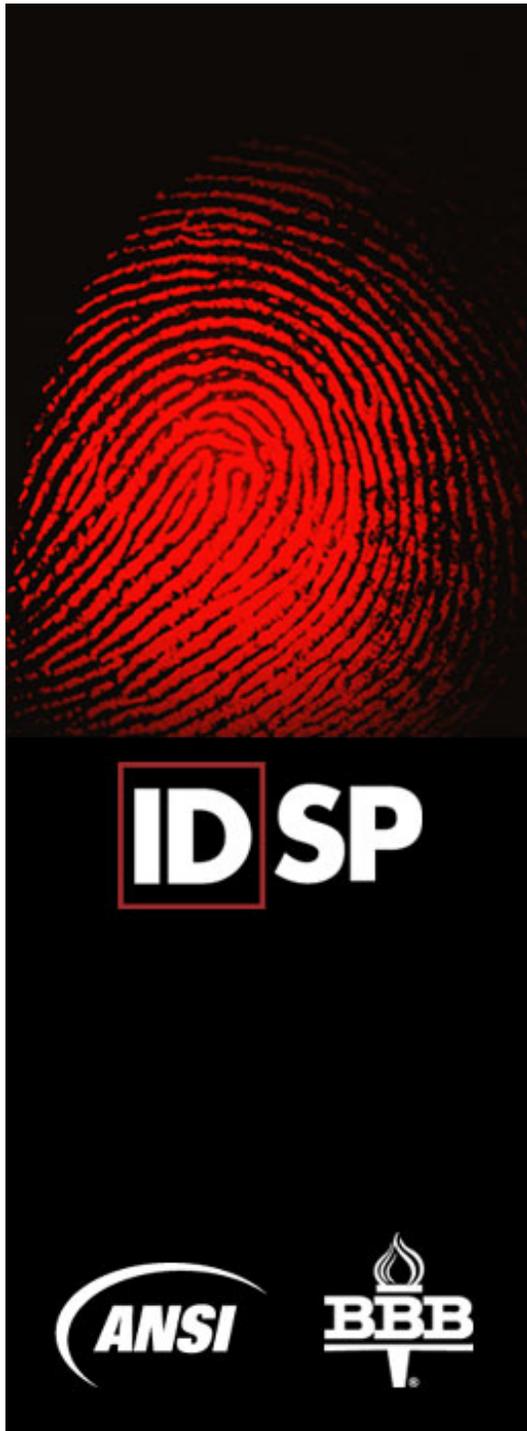
- Working to ensure coordination between the ANSI-Accredited U.S. TAG to ISO/TC 229 and
 - Newly established IEC/TC 113 *Nanotechnology standardization for electrical and electronic products and systems*
 - IEC/TC 113 USNC TAG for which NEMA serves as TAG Administrator (presently forming)
 - ASTM, IEEE and other standards developers
 - Other organizations such as OECD
 - Other relevant ISO Technical Committees
 - Other countries to align positions on important and emerging issues
- Articulation and prioritization of work program for the TC and the WGs
- Planning of 2008 ISO/TC 229 Plenary in Seattle, Washington
- ANSI NSP may reconvene in 2007

Current Work Item Proposals submitted to ISO/TC 229

- Current Work Item Proposals submitted to ISO/TC 229
 - Use of Scanning Electron Microscopy and EDXA in the Characterization of Single-Walled Carbon Nanotubes (Ballot to close 4/2007)
 - Use of TEM in the Characterization of Single-Walled Carbon Nanotubes (Joint submission with JISC; Ballot to close 4/2007)
- Potential NWIP to be submitted to ISO/TC 229
 - Use of Raman Spectroscopy in the Characterization of Single Walled Carbon Nanotubes
 - Use of Thermo Gravimetric Analysis (TGA) in the Characterization of Single Walled Carbon Nanotubes
 - Guidance on physico-chemical characterization of engineered nanoscale materials for toxicologic assessment

U.S. Hosting of an ISO/TC 229 Plenary – June 2008

- Sponsors for a June 2008 ISO/TC 229 Plenary to be hosted in Seattle, Washington are actively being sought
 - Approximately 100 participants from around the globe are expected to attend
 - Nanotechnology is cutting-edge and as such, will draw significant interest making it a great PR opportunity for interested sponsors
 - Plenary could potentially be a co-located meeting with the newly established IEC TC 113



Identity Theft Prevention and Identity Management Standards Panel

www.ansi.org/idsp

What is the IDSP?

- Cross-sector coordinating body focused on preventing ID Theft
 - Identify common definitions
 - Identify existing standards and best practices
 - Analyze gaps, leading to improvements
 - Make catalogue available to business, government, consumers

- Jointly administered by the American National Standards Institute (ANSI) and the Better Business Bureau (BBB)
 - ANSI – coordinator of the U.S. standardization system
 - BBB – advancing trust in the marketplace



Charter

Table of key issues

In Scope	Out of Scope
Inventory of existing standards	Modification of existing standards
Index standards	Rank ordering standards
Gap Analysis of current standards	Developing new standards

Founding Partners

A diverse group of organizations



Steering Committee

Composition

- Chairman – Joseph V. Gurreri, III, TransUnion
- Founding Partners
- At Large Members (February 2007)
 - AARP
 - Accredited Standards Committee X9
 - Affinion Group
 - Alliance for Telecommunications Industry Solutions
 - AOL
 - ARMA International
 - Center for Democracy and Technology
 - Debix
 - Fellowes, Inc.
 - General Services Administration
 - North American Security Products Organization
 - Pay By Touch
 - Telecommunications Industry Assn.
 - Underwriters Laboratories Inc.
 - VeriSign



Key Milestones

First 6 months

- Founding Partners Secured Jul / Aug '06
- Panel Officially Launched Sep 13
- First Steering Committee Meeting Oct 26
- Panel Chair Announced Nov 7
- First Plenary Meeting Nov 16-17
- Call for Working Group Participants Dec 18
- Initial Working Group Teleconferences Jan '07
- Outreach to Engage Additional Stakeholders *Ongoing*



First Plenary Meeting

World class plenary organized in 3 weeks

112 registered participants, 37 speakers / facilitators from 30 organizations

Private Sector

- TransUnion, Microsoft, Debix, VeriSign, Bank of America, RSA, The Security Division of EMC, Liberty Alliance, Cooley Godward Kronish LLP, ChoicePoint, Dell, MyPublicInfo, Inc., Intersections Inc., Visa U.S.A., Edentify, Inc., AOL LLC

Research

- Javelin Strategy & Research, Gartner, Inc., ID Analytics

Government

- Dept. of Justice, U.S. Postal Inspection Service, FBI, House Homeland Security Committee, FDIC, General Services Administration, NIST, Federal Trade Commission

Consumer / Public Interest

- Identity Theft Resource Center, Center for Democracy and Technology



First Plenary Meeting

Topics Covered (Life Cycle of Identity)

- Means of attack and countermeasures
 - Business, Law Enforcement, Consumers
- Research on causes and consequences of ID Theft
- Identity Management: consumer authentication, information card technology, other prevention methods
- Legislative and regulatory developments
- Data custody best practices



Working Groups

Definitions

WG 1 *Issuance*

- Standards relating to issuance of identity documents by government and commercial entities

WG 2 *Exchange*

- Standards relating to acceptance and exchange of identity information

WG 3 *Maintenance*

- Standards relating to ongoing maintenance and management of identity information



Working Groups

Framework & Process

3 Working Groups



2 Phases of the Process



Phase 1 → Inventory

- Definitions
- Process Flows
 - Technical Standards, Business Practices, Legal & Compliance

Phase 2 → Assessment

- Gap Analysis *within* working group
- Gap Analysis *between* working groups
- Risk Analysis & Compliance Implications
 - Businesses & Consumers



Actions & Target Dates

Two phases of research and analysis

PHASE 1 – INVENTORY

- Collect inventory of definitions
 - Checkpoint → **January 29** report to SC call on progress
- Collect process flows
 - Technical standards
 - Business practices / processes
 - Policy, legal and compliance requirements
 - Delivery → **March 5** SC Meeting

PHASE 2 – ASSESSMENT

- Assess standards *within* group / identify the gaps
 - Checkpoint → **April 24** report to SC call on progress
 - Delivery → **June 6** SC Meeting
- Assess findings *between* groups
 - Initial Risk Analysis of policy, legal and compliance implication for consumers and business
 - Checkpoint → **Jul 17** report to SC call on progress
 - Delivery → **Sept 24-25** Plenary Meeting



Actions & Target Dates

Public review and final deliverable

SECOND PLENARY MEETING

- Panel presentations of working group findings
- Breakouts to assess *between* workgroup outputs
 - Delivery → **Sep** 24-25

FINAL DELIVERABLE

- Preparation by drafting committee
 - Delivery → **Oct** 23 SC Telecon
 - Delivery → **Nov** (week of 12) to Panel for comment
 - Delivery → **Dec** (week of 17) Pre-release of final deliverable to SC
- Release final deliverable
 - Delivery → **Jan 7, 2008**



How can you help?

- New panel and Work Group members welcomed
- Contributing Memberships available
- Provide input on [Marketplace survey](#)
- Contributions of standards, policies, best practices
- ...accept the call from an IDSP participant and provide information!
- Check the website for updates





American National Standards Institute

ANSI Homeland Security Standards Panel (HSSP)

www.ansi.org/hssp



ANSI-HSSP



Updates Since Last Briefing (12/06 Board Meeting)

- Will cover in this briefing
 - Final Perimeter Security report
 - “Lessons Learned from Hurricane Katrina” Workshop
 - 2007 areas for exploration
 - Moving forward

Perimeter Security

- Final Workshop report published in January 2007
- Report seeks to provide guidance and assistance to SDOs who are involved with standards activity for various aspects of perimeter security
- Three sections to report
 - basic concepts and definitions
 - general conceptual framework for perimeter security
 - issues, factors and recommendations for SDOs consideration
- Submitted to the DHS S&T Standards Office and the DHS Office of Infrastructure Protection for further dialogue

“Lessons Learned from Hurricane Katrina” Workshop

- Final Workshop meeting held January 10th at DHS offices
- Task group worked to draft recommendations and complete lessons learned/standards coverage comparison table based upon findings of three Workshop meetings
- Final report/recommendations from the Workshop will demonstrate the linkages between the elements of ANSI-NFPA 1600 and the major recommendations for catastrophic event preparedness that have emerged as lessons learned
- Set of recommendations and areas for further action will be reviewed with applicable stakeholders following publication

2007 Areas for Exploration

- New Workshops expected in the areas of:
 - Transit security (Q2)
 - Security/emergency preparedness for persons with disabilities (Q3 or Q4)
 - Standards for credentialing/access (TBD)
 - Mobilization of private sector resources in response to disasters/emergency situations (TBD, partnership with NYU InterCEP)

Moving Forward

- **Continue to...**
- Support DHS S&T Standards Office and its newly formed DHS Standards Council
- Via the ANSI-HSSP Steering Committee, support the US involvement in the ISO/IEC/ITU-T Strategic Advisory Group on Security
 - Next meeting is April 12-13 in Sydney, Australia
- Issue monthly ANSI-HSSP newsletter, cited as a valuable HSSP deliverable for security standards info sharing
- Provide content for the ANSI-DHS Homeland Security Standards Database and partner with other on-line systems
- Present at conferences on the work of the Panel
 - Example: 2007 US-China Conference on Disaster Management, August 1-4 in Beijing, China