



HITSP

Healthcare Information Technology Standards Panel

HIMSS Interoperability Showcase Chicago, IL April, 2009

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THE WHITE HOUSE
PRESIDENT
GEORGE W. BUSH

For Immediate Release
Office of the Press Secretary
August 22, 2006

Executive Order:

Promote Quality and Efficient Health Care in Federal Government Administered or Sponsored Health Care Programs

Sec. 3. Agencies shall perform the following functions:

Health Information Technology -

For Federal Agencies. As each agency implements, acquires, or upgrades health information technology systems used for the direct exchange of health information between agencies and with non-Federal entities, it shall utilize, where available, health information technology systems and products that meet recognized interoperability standards.

HITSP- Harmonized standards promote interoperability, enhance healthcare quality and contain costs



Federal Agencies must use the Recognized Interoperability Standards that have been harmonized by the Healthcare Information Technology Standards Panel

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3973

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Office of the National Coordinator for Health Information Technology (ONC), DHHS

Notice of Availability: Secretarial Recognition of Certain Healthcare Information Technology Standards Panel (HITSP) Interoperability Specifications as Interoperability Standards for Health Information Technology

HITSP is playing an integral role in the development of a Nationwide Healthcare Information Network (NHIN) for the United States



President Barack Obama's Inauguration Speech:

- President Obama vowed in his inauguration speech to “restore science to its rightful place, and wield technology's wonders to raise health care's quality and lower its cost.” The focus on healthcare reform continues to evolve with ongoing activity in the nation's capitol and throughout the country.

American Recovery and Reinvestment Act (ARRA) Economic Stimulus for Health IT:

- Includes over \$19 billion to aid in the development of a robust IT infrastructure for healthcare and to assist providers and other entities in adopting and using health IT

(<http://www.himss.org/content/files/HIMSSSummaryOfARRA.pdf>)





The Panel's Purpose

To harmonize and integrate diverse **standards** that will meet clinical and business needs for sharing information among organizations and systems.

- ❑ Establish HITSP Interoperability Specifications and promote their acceptance;
- ❑ Support the deployment and implementation of HITSP Interoperability Specifications across the health care enterprise;
- ❑ Facilitate the efforts of standards developing organizations to maintain, revise or develop new standards as required to support the HITSP Interoperability Specifications.

Harmonized standards promote interoperability, enhance healthcare quality and contain costs



HITSP

Healthcare Information Technology Standards Panel

Panel Members – Board of Directors – Technical and Coordination Committees

Standards Developing Organizations (SDOs)	Non-SDOs	Government Bodies	Consumer Groups	Project Team Members (non-voting)	Total
32	529	46	26	12	645
5%	82%	7%	4%	2%	100%

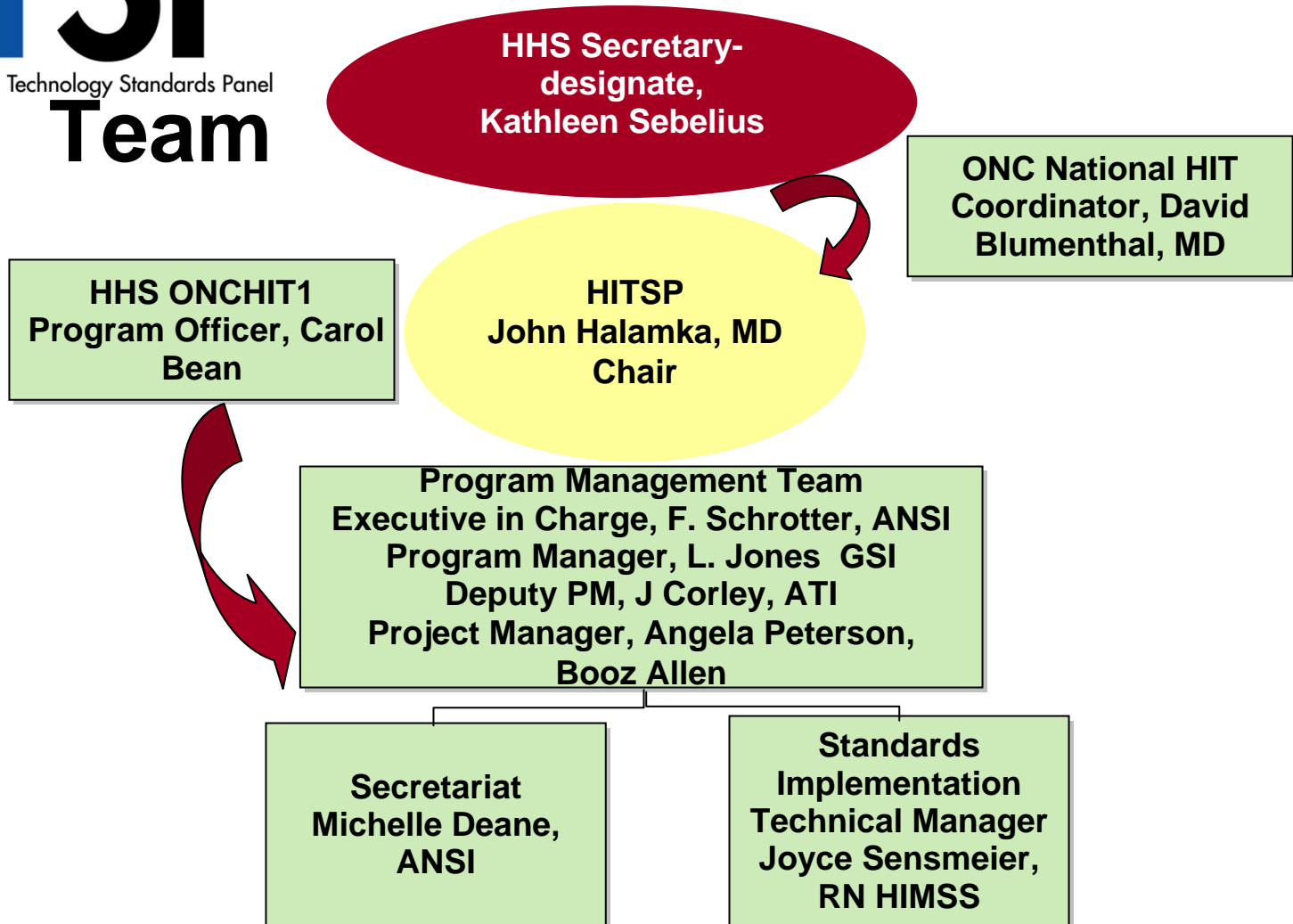
HITSP members are representatives of the broad Healthcare IT community



HITSP

Healthcare Information Technology Standards Panel

Team



HITSP and Its Stakeholders - Harmonizing and Integrating Standards To Meet Clinical and Business Needs

Patients

Specialists

Review Boards

**Outpatient
Healthcare
Providers**

Consumers

Payers

**Practice
Guidelines**

Providers

Employers

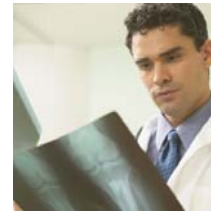
Suppliers

**Residential
Care Providers**

**Government
Agencies**

**General
Practitioners**

Hospitals



HITSP - volunteer-driven, consensus-based organization funded by the Department of Health and Human Services.



HITSP: Interoperability that maximizes Quality and Efficiency

HIT Standardization



HITSP members agreed that a **standard** is a well-defined approach that supports a business process and . . .

- has been agreed upon by a group of experts;
- has been publicly vetted;
- provides rules, guidelines, or characteristics;
- helps to ensure that materials, products, processes and services are fit for their intended purpose;
- is available in an accessible format;
- is subject to an ongoing review and revision process.

Standards Harmonization is required when a proliferation of standards *prevents* progress rather than *enabling* it.



HITSP Standards Harmonization



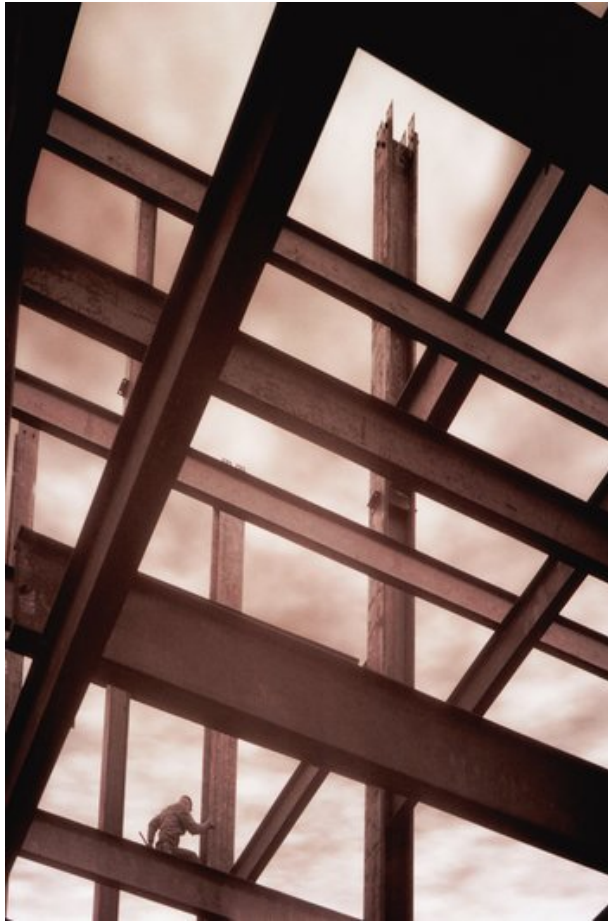
Open
Inclusive
Collaborative
Use Case Driven

www.hitsp.org

1. Identify a pool of standards for a general breakthrough area
2. Identify gaps and overlaps for specific context
3. Make recommendations for resolution of gaps and overlaps
4. Develop **Interoperability Specifications** for using the selected standard(s) for a specific context
5. Test the instruction for using the standard



Building a Framework for HIT Solutions



- ❑ **Interoperability Specifications** are intended to be used by architects and system designers as a way to guide future implementation efforts based on health IT
- ❑ These specifications represent an ongoing effort to create a framework/template that represents a solution set for solving the known problems related to an AHIC-defined Use Case

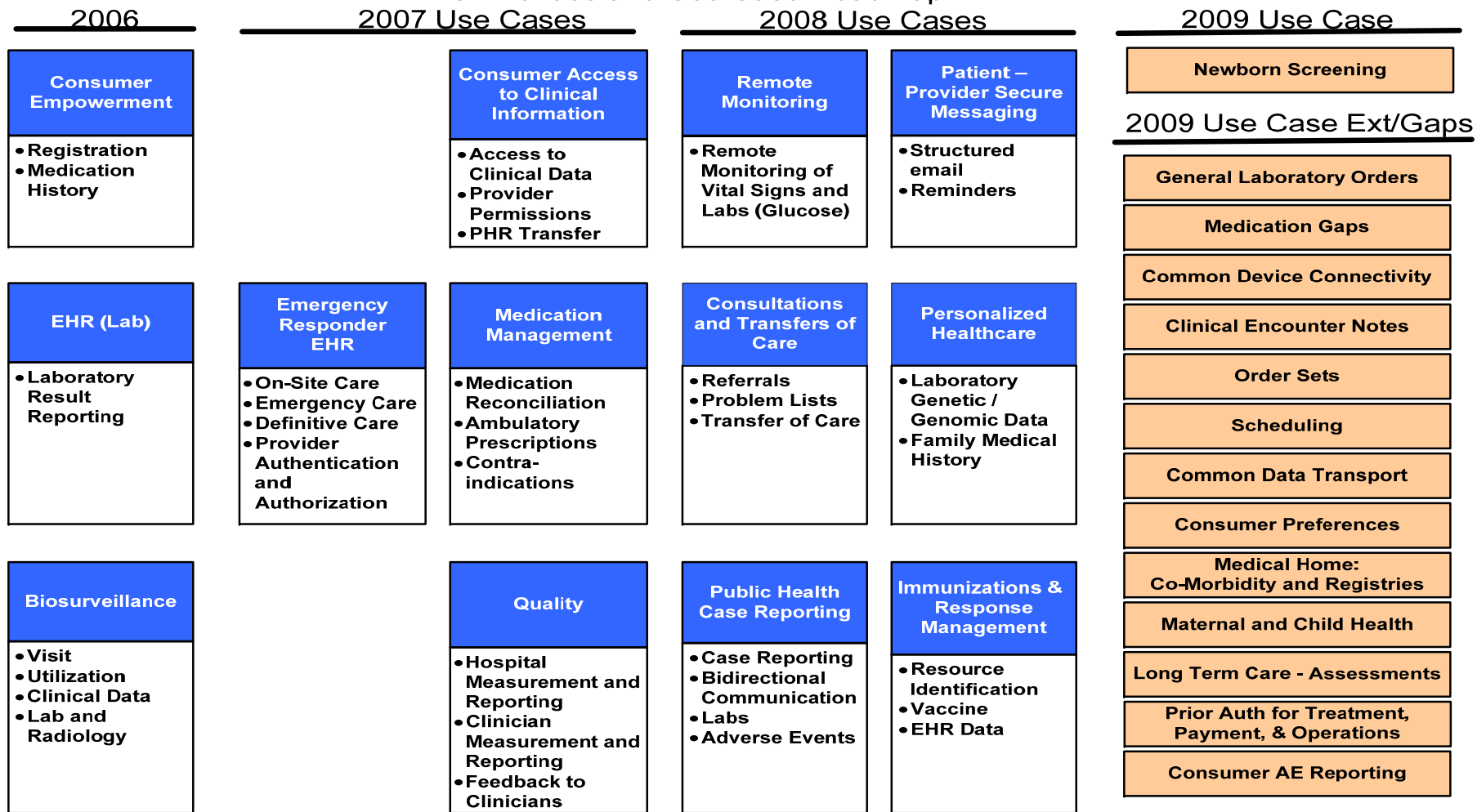


<http://www.hitsp.org>



AHIC Priorities and Use Case Roadmap

AHIC Priorities and Use Case Roadmap



Technical Committees Align with Use Cases

	<i>Provider Perspective</i>	<i>Consumer Perspective</i>	<i>Population Perspective</i>
Year 1	<ul style="list-style-type: none"> • HITSP/IS01 EHR – Lab Reporting 	<ul style="list-style-type: none"> • HITSP/IS03 Consumer Empowerment/ Access to Clinical Information/Networks 	<ul style="list-style-type: none"> • HITSP/IS02 Biosurveillance
Year 2	<ul style="list-style-type: none"> • HITSP/IS04 Emergency Responder– EHR • HITSP/IS07 Medication Management 	<ul style="list-style-type: none"> • HITSP/IS05 Consumer Empowerment & Access to Clinical Information via Media 	<ul style="list-style-type: none"> • HITSP/IS06 Quality
Year 3	<ul style="list-style-type: none"> • HITSP/IS09 Consultations/ Transfers of Care • HITSP/IS08 Personalized Healthcare 	<ul style="list-style-type: none"> • HITSP/IS77 Remote Monitoring • HITSP/IS12 Patient - Provider Secure Messaging 	<ul style="list-style-type: none"> • HITSP/IS10 Immunizations & Response Management • HITSP/IS11 Public Health Case Reporting





AHIC Extensions/Gaps/Use Cases 2009

Provider

General Lab Orders

Order Sets

Long Term Care –
Assessment

Admin/Finance

Scheduling

Prior-Authorization
in Support of
Treatment, Payment,
& Operations

Consumer

Common Device
Connectivity

Medical Home: Co-
morbidity and
Registries

Medication Gaps

Consumer Preferences
Common Data Transport

Population

Newborn Screening

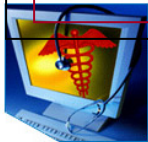
Maternal & Child
Health

Consumer Adverse
Event Reporting

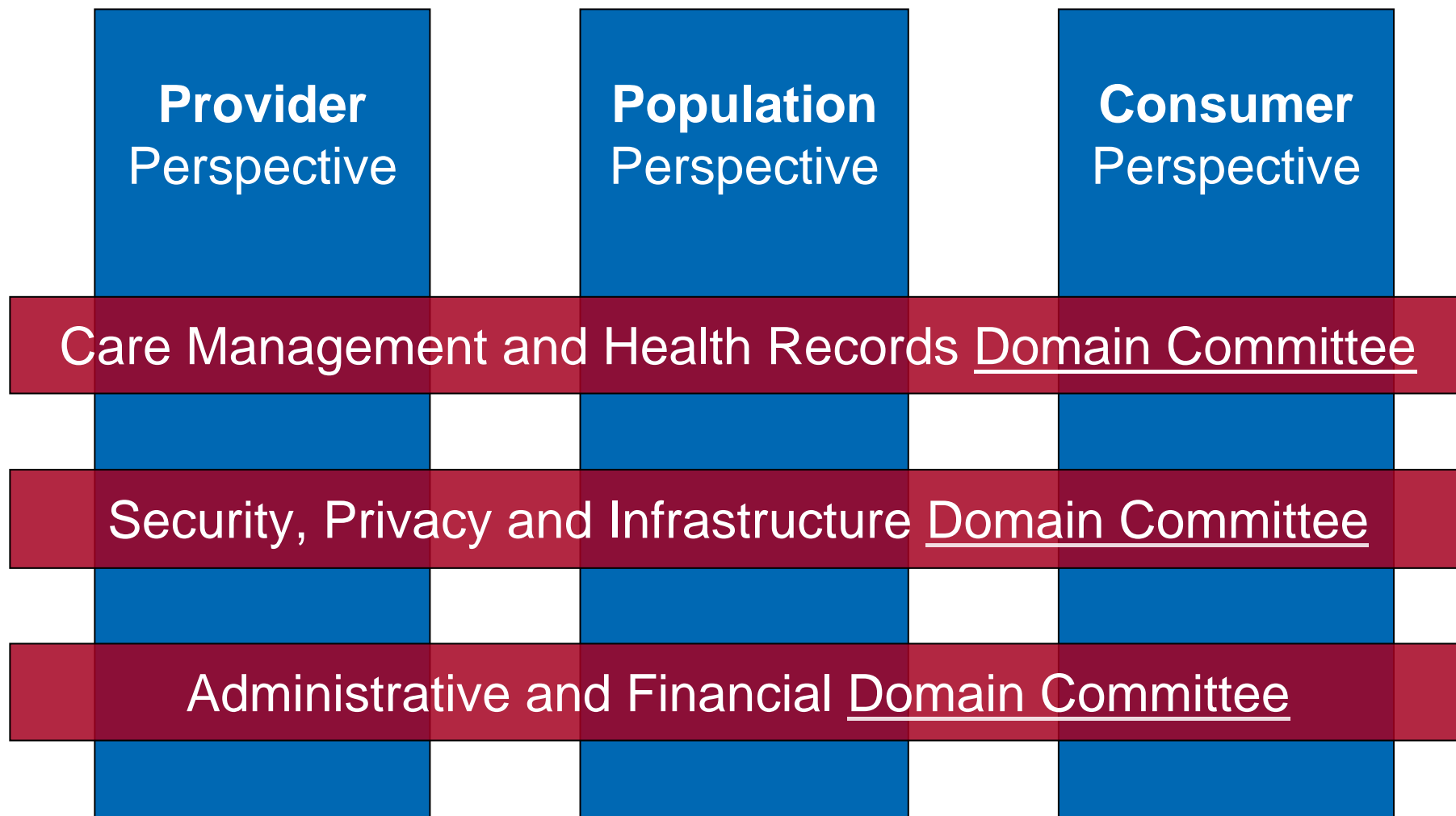
Quality Measures

Care Management/
Health Records

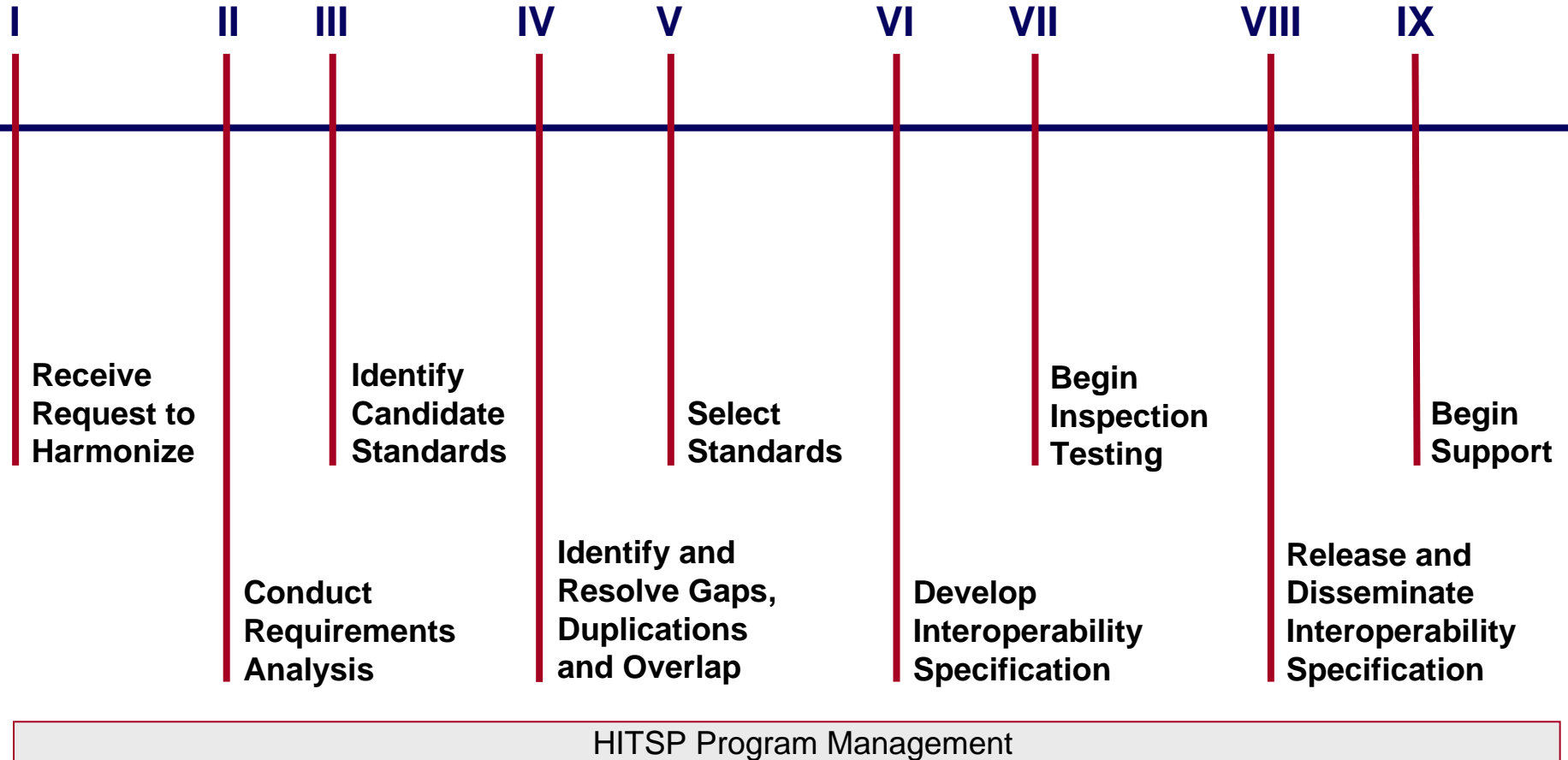
Clinical Note Details



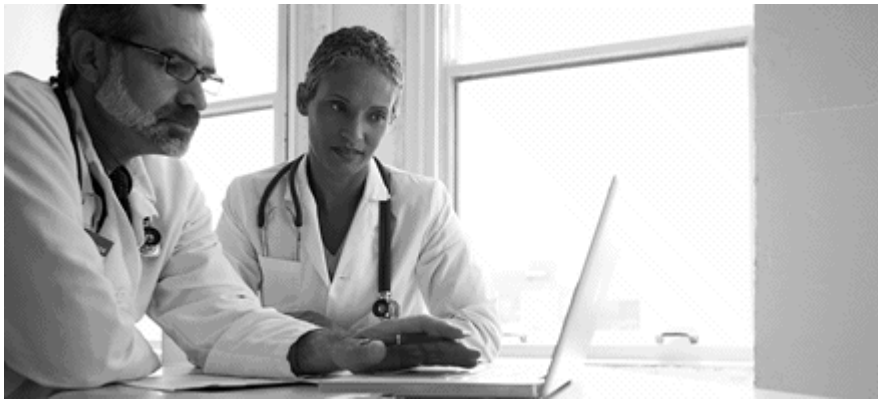
Perspective and Domain Technical Committees Collaborate on Interoperability Specification Development



Steps in the HITSP Harmonization Process



**Healthcare Information Technology Standards Panel (HITSP)
and the
Certification Commission for Healthcare Information Technology (CCHIT)**



Between the federal implications and the certification efforts of CCHIT, stakeholders will be motivated to adopt a standard way of sharing data throughout the Nationwide Health Information Network, leading to better healthcare for us all.



The Vision

- ❑ In order to meet the ARRA statutory requirements, HITSP must focus all the energies of its volunteers, staff, and leadership on supporting this effort for the next 90 days.
- ❑ HITSP's “accepted” products to date will be leveraged to create new streamlined electronically published standards guides organized around the ARRA EHR interoperability requirements instead of Use Cases.
- ❑ The end result will be much more compact, easy to implement, and flexible implementation guidance which supports the meaningful use of EHRs and protection of privacy.



The Next Steps

- This focus on ARRA will result in HITSP deferring its existing 2009 work for 90 days. Some efforts (e.g., SSA, Quality Measures, NHIN and CCHIT coordination, etc.) are expected to continue on a non-interference basis.
- Program Management, ONC, TC Leadership and Volunteers will finalize a work plan over the next few week



Interconnected Healthcare through HITSP: Today and Tomorrow

Real-Life Scenarios:

- ❑ January 21st, 2009: Secretary of Health and Human Services recognized the 2008 HITSP ISs and the standards they contain as “Interoperability Standards” for HIT.
- ❑ HIMSS interviewed several HIE representatives about the benefits of HITSP for their communities. The following HIE’s are using or working to implement HITSP products:
 - **Beth Israel Deaconess Medical Center**
 - **Boston Medical Center Ambulatory EMR**
 - **Care Spark**
 - **eHealth Connecticut**
 - **Humana and Wisconsin Health Information Exchange Announce Collaborative Business Program**
 - **Keystone Health Information Exchange**
 - **New York eHealth Collaborative (NYeC)**
 - **Social Security Administration**
 - **Vermont Information Technology Leaders, Inc. (VITL)**

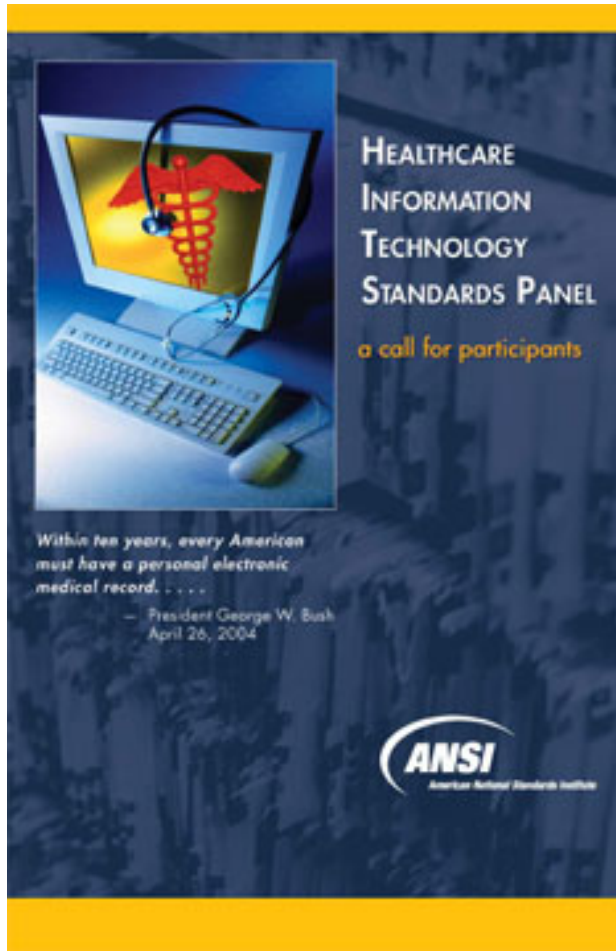


HITSP Interoperability Showcase Scenarios

- Biosurveillance Monitoring & Detection
- Complications of Diabetes
- Digital Radiograph (DR) with Change Order
- Drug Safety Reporting - Patient Safety
- Drug Safety and Reporting - Pharmaceutical
- Emergency Department Referral
- Emergency Response with Privacy Control
- Hospital Discharge
- Identity and Audit
- Maternal Health- Labor & Delivery
- Military Health Service
Private Sector Partnering
- Out-of-Network Military Care
- Privacy Consent Set-up & Use
- Public Health Immunization
- Quality Reporting
- Remote Monitoring
- Ultrasound Trauma Case

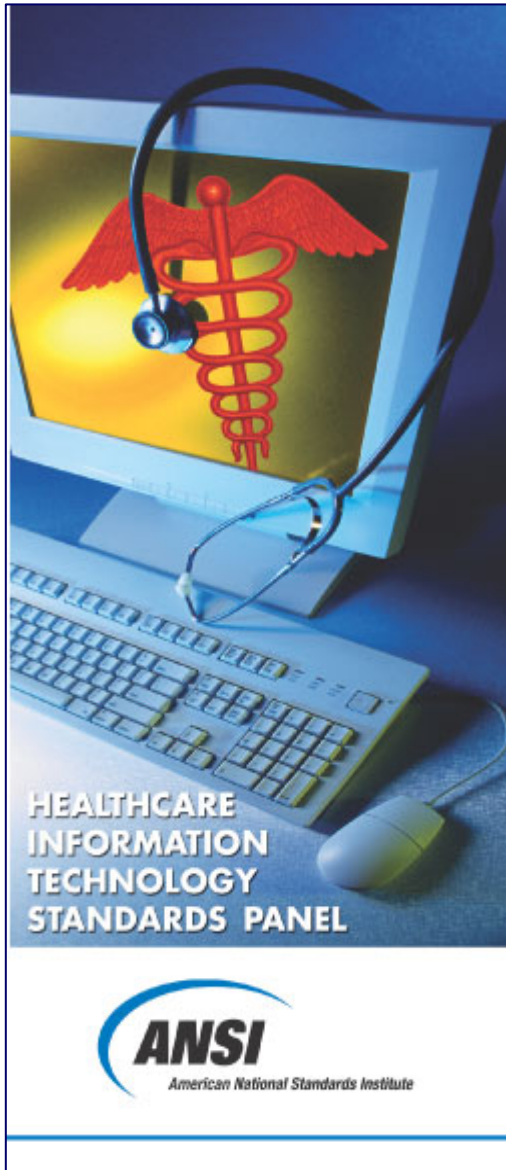


HITSP Information Resources



- ❑ Also available on www.hitsp.org
 - News, organizational details and information on upcoming meetings
 - HITSP Public Document Library
 - Interoperability Specifications (ISs) and Executive Summaries
 - Use Cases
 - Educational Webinar Series





Join HITSP in developing a safe and secure health information network for the United States.

Learn more at www.hitsp.org or contact . . .

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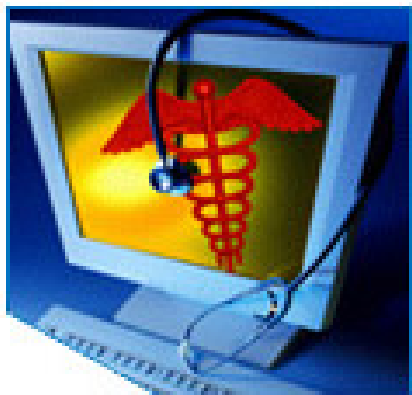
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Re: HITSP Technical Committees





HITSP

Healthcare Information Technology Standards Panel

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Strategic Partners

