



**HEALTHCARE
INFORMATION
TECHNOLOGY**
STANDARDS PANEL

**“The National Drive Toward
Interoperability: How the CAQH
CORE Rules Make a Difference”**

CAQH Administrative Simplification Conference

Washington, DC | September 2008



The Panel's Purpose

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

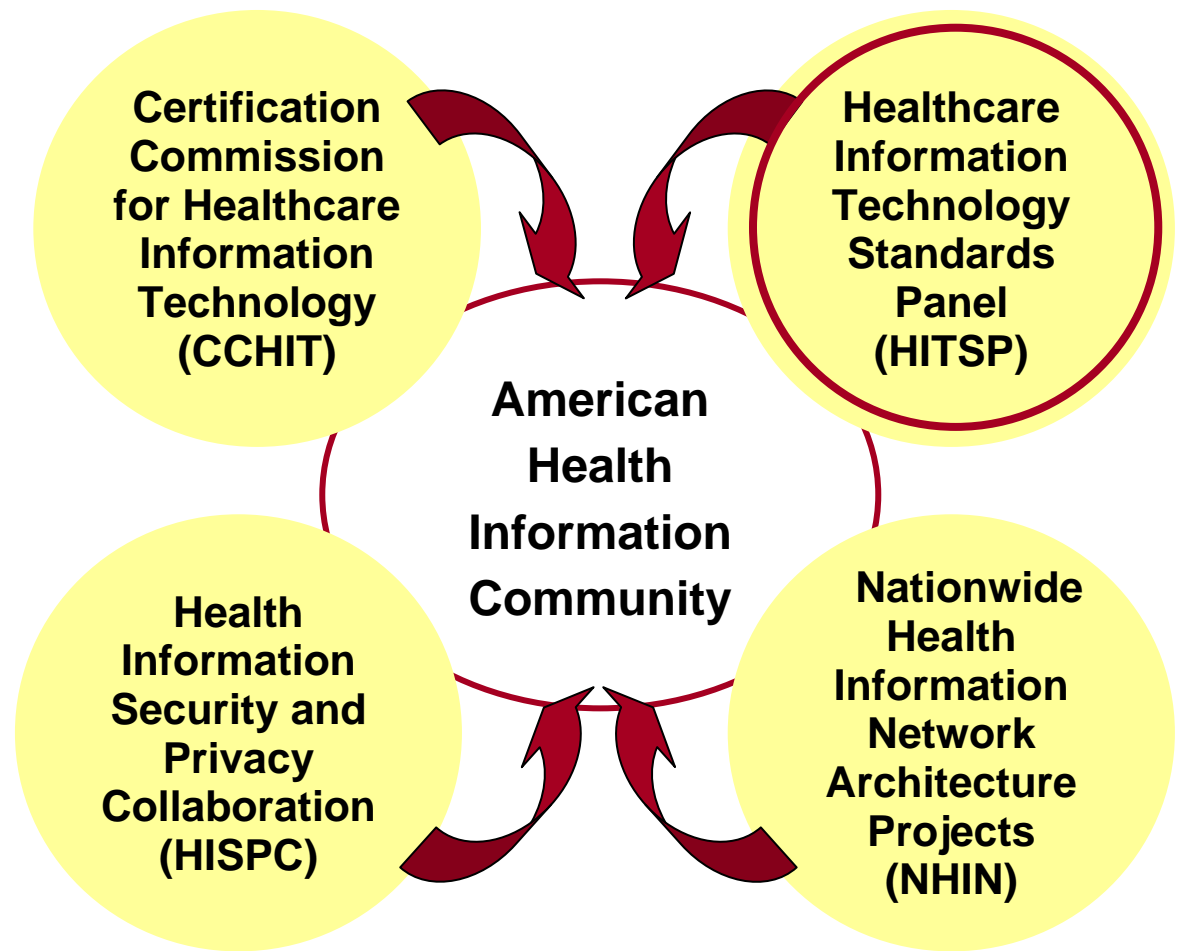
- ❑ Establish HITSP Interoperability Specifications and promote their acceptance;
- ❑ Support the deployment and implementation of HITSP Interoperability Specifications across the health care enterprise;
- ❑ Facilitate the efforts of standards developing organizations to maintain, revise or develop new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

Harmonized standards promote interoperability, enhance healthcare quality and contain costs



In 2005, HHS Secretary Michael Leavitt chartered a public-private “Community” to serve as the focal point for America’s health information concerns and drive opportunities for increasing interoperability

The Community provides input and recommendations to HHS on how to make health records digital and interoperable, and assure that the privacy and security of those records are protected, in a smooth, market-led way.



Plans are now underway to transition the AHIC to a public-private partnership based in the private sector.

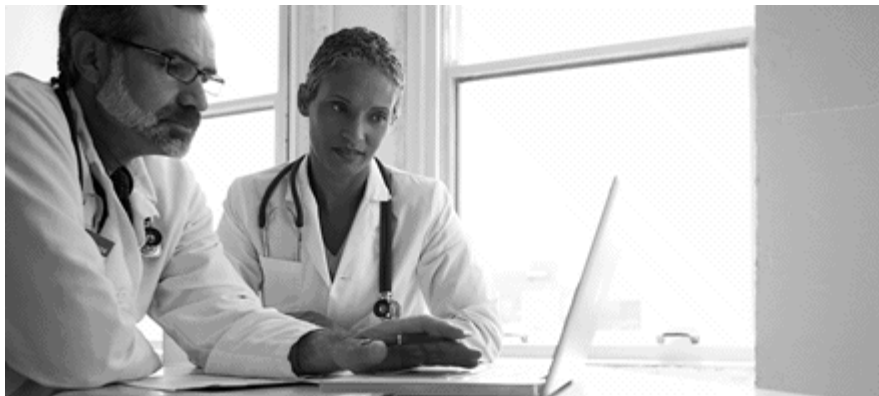




Joint Working Group

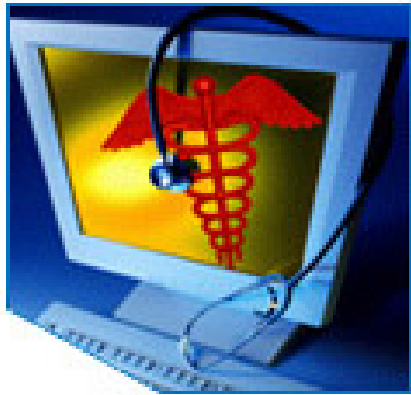


Healthcare Information Technology Standards Panel (HITSP) and the Certification Commission on Healthcare Information Technology (CCHIT)



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.





HITSP and its Stakeholders

HITSP is a volunteer-driven, consensus-based organization that is funded through a contract from the Department of Health and Human Services.

The Panel brings together experts from across the healthcare community . . .

- ❑ from **consumers** to **doctors, nurses, and hospitals**;
- ❑ from **those who develop** healthcare IT products to **those who use them**;
and
- ❑ from the **government agencies** who monitor the U.S. healthcare system to those **organizations that are actually writing healthcare IT standards**.



HITSP and its Stakeholders

Patients

Specialists

Review Boards

**Outpatient
Healthcare
Providers**

Consumers

Payers

**Practice
Guidelines**

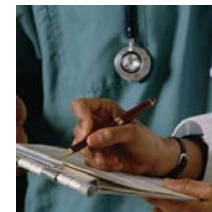
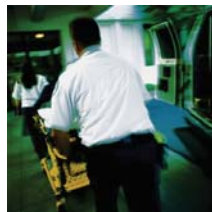
Employers

Suppliers

**Residential
Care Providers**

**Government
Agencies**

**General
Practitioners**



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
23	313	34	16	12	398
6%	79%	4%	4%	3%	100%

HITSP members are representatives of the broad Healthcare IT community



HITSP Industry Support Exemplified by the **Early Implementers** featured at the HIMSS Interoperability Showcase in 2008

HITSP Early Implementers at HIMSS 2008 Showcase



**A Journey through
the Patient Care
Delivery Process**

A Private Matter

- Accenx
- Acuo
- Agfa Healthcare
- Alert
- Allscripts
- Blueware
- Capmed
- Carestream
- Careev
- CORE
- Dejarnette
- Digichart
- Epic
- GE Medical
- Greenway Medical
- HXTI
- IBM
- Initiate
- Intersystems
- McKesson
- MedNet
- Microsoft
- MIE
- Misys
- NDOrange
- NextGen
- NoMoreClipboard
- NUVON
- Quovodx
- Sage
- SAIC
- Software Partners
- University of Washington



Trial Implementations



HHS has awarded \$22.5 million in contracts to nine HIEs to begin trial implementations of the NHIN

- **CareSpark**
Tricities region of Eastern Tennessee and Southwestern Virginia
- **Delaware Health Information Network**
Delaware
- **Indiana University**
Indianapolis metroplex
- **Long Beach Network for Health**
Long Beach and Los Angeles, California
- **Lovelace Clinic Foundation**
New Mexico
- **MedVirginia**
Central Virginia
- **New York eHealth Collaborative**
New York
- **North Carolina Healthcare Information and Communications Alliance, Inc.**
North Carolina
- **West Virginia Health Information Network**
West Virginia

HITSP is working closely with these contractors during implementation.



HITSP Standards Harmonization

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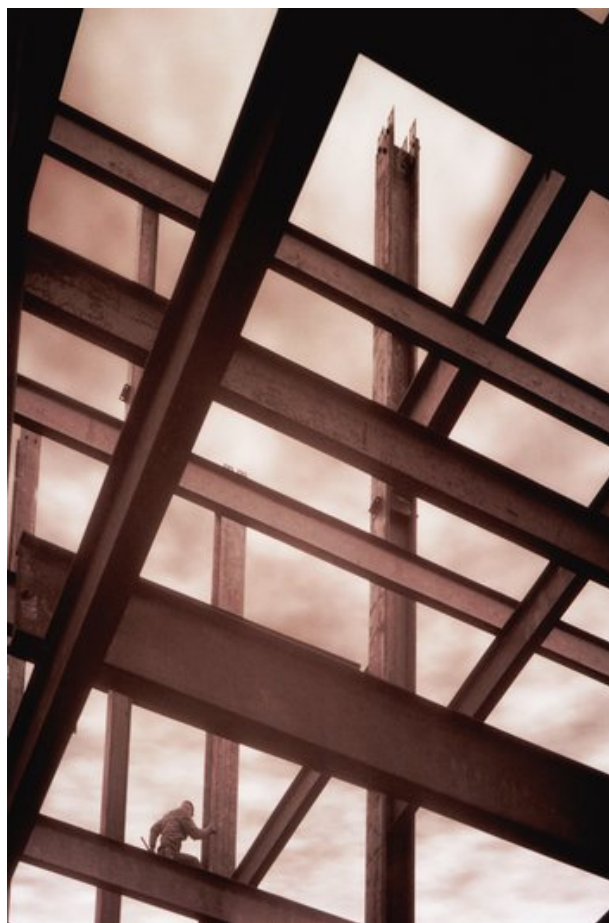
Open
Inclusive
Collaborative
Use Case Driven

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

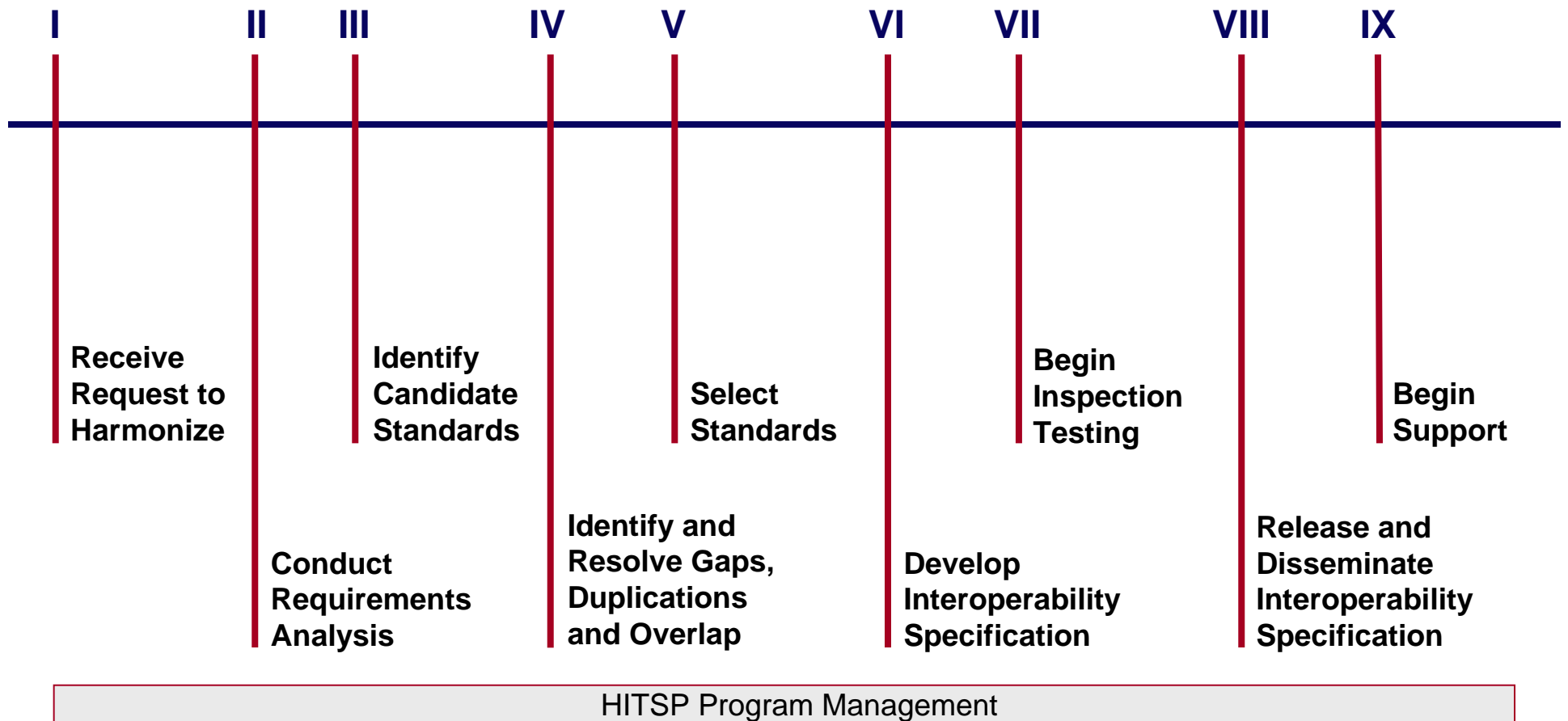


- ❑ **Interoperability Specifications** are intended to be used by architects and system designers as a way to guide future implementation efforts based on health IT
- ❑ These specifications represent an ongoing effort to create a framework/template that represents a solution set for solving the known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

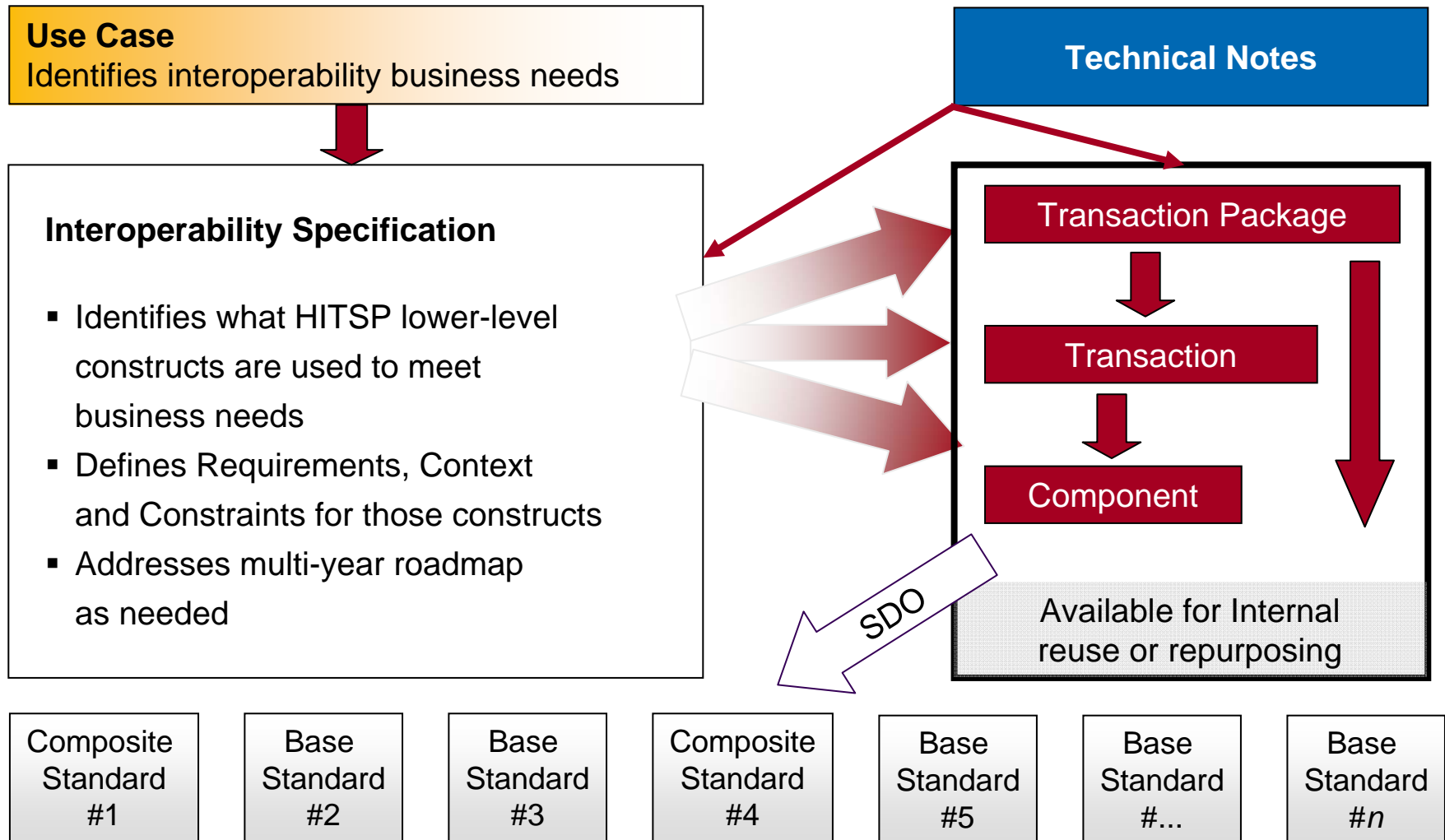
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Steps in the HITSP Harmonization Process



Harmonization Framework



Standards Readiness Criteria “Tier II”

Suitability

The standard is named at a proper level of specificity and meets technical and business criteria of use case

Compatibility

The standard shares common context, information exchange structures, content or data elements, security and processes with other HITSP harmonized standards or adopted frameworks as appropriate

Preferred Standards Characteristic

Approved standards, widely used, readily available, technology neutral, supporting uniformity, demonstrating flexibility and international usage are preferred

Standards Development Organization and Process

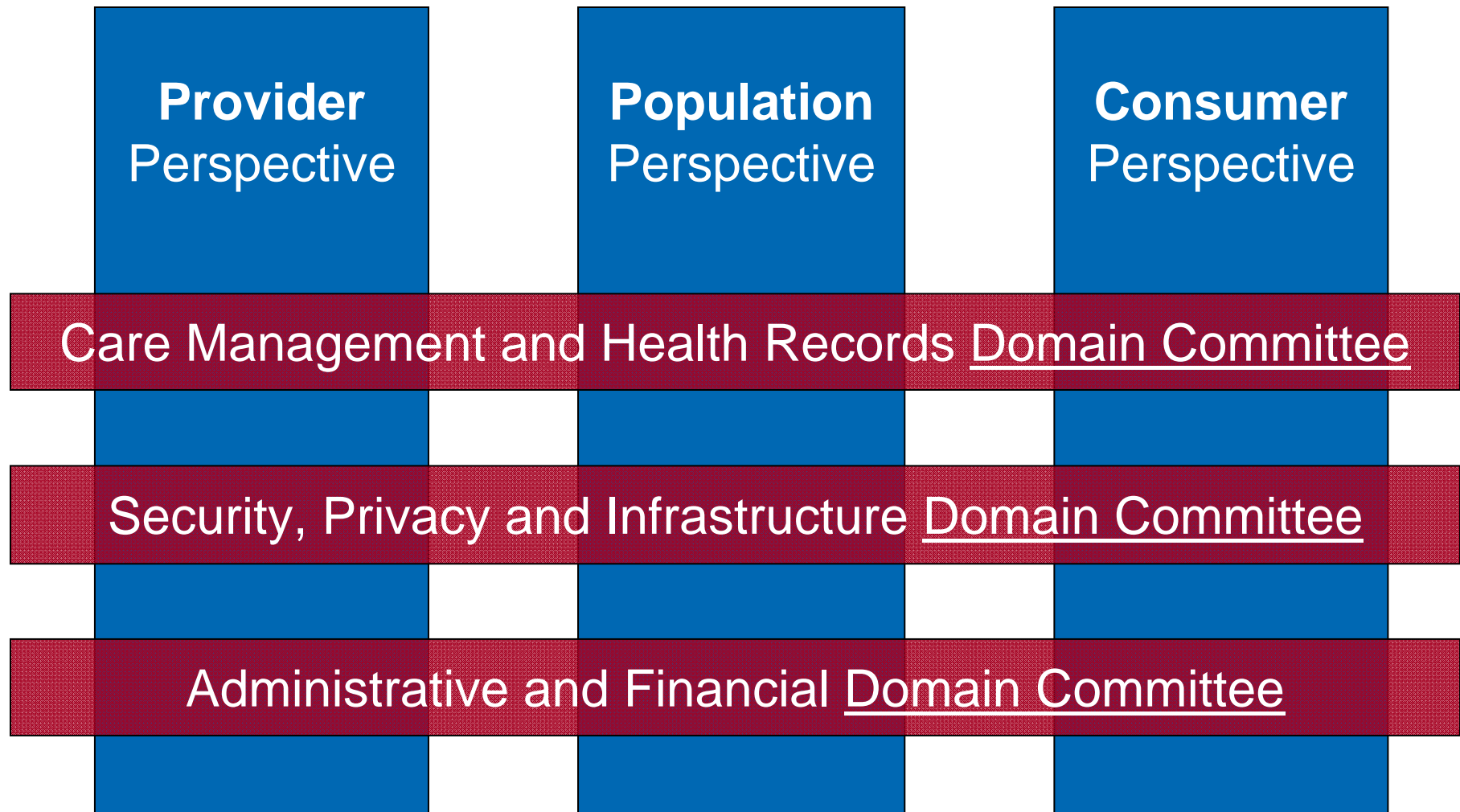
Meet selected criteria including balance, transparency, developer due process, stewardship and others

Total Costs and Ease of Implementation

Deferred to future work



HITSP Technical Committee Matrix Organization





AHIC Use Cases Addressed by HITSP Through 2008

EHR Lab Reporting

Biosurveillance

Quality Reporting

Immunizations
and Response
Management

Consumer
Empowerment

Medication
Management

Public Health Case
Reporting

Emergency
Responder - EHR

Consultations and
Transfers of Care

Remote
Monitoring

Consumer Access
to Clinical
Information

Personalized
Healthcare

Patient – Provider
Secure Messaging

Note: Shaded boxes indicate Use Cases in which CORE Rules are included.



CORE Rules in HITSP Specifications

HITSP Number	HITSP Name	CORE Rules	HITSP Status
IS03	Consumer Empowerment	C32 – Summary Document Using HL7 CCD - includes CORE Phase I Data Content Rule as informative text in insurance module	V2.1 Recognized V3.0 Accepted V3.0.1 Panel Review
IS05	Consumer Empowerment and Access to Clinical Information via Media		V1.0 Accepted V1.0.1 Panel Review
IS07	Medication Management	T40 – Patient Generic Health Plan Eligibility Verification Transaction - includes complete CORE Phase I Rule Set T85 – Administrative Transport to Health Plan – includes CORE Phase II Connectivity Rule	V1.0 Released V1.0.1 Panel Review T85 Approved by SPI-DTC. Will be reviewed by Perspective TC in September
IS08	Personalized Healthcare	T40 and T85 will be included in all of these.	T40 being modified in 2008 to include CORE Phase II rules
IS09	Consultations and Transfers of Care		
IS77	Remote Monitoring		



Addition to T-40 Concerning CORE

- ❑ To support “Patient Health Plan Eligibility Verification,” HITSP is using the Accredited Standards Committee (ASC) X12 270 and 271 transaction standards version 4010, using the Insurance Subcommittee X12N Implementation Guides reference number 004010X92 plus an Addenda reference number 004010X92A1. This X12N Implementation Guide is also being constrained by HITSP via the CAQH CORE Phase I and Phase II Operating Rules for the ASC X12 270/271 Eligibility and Benefits Inquiry and Response. The CAQH CORE Phase I and Phase II Operating Rules bring additional and other requirements permitted within the X12 standards for the exchange of the HIPAA-adopted X12N 270/271 Eligibility and Benefit Inquiry and Response Transactions between a healthcare provider (information requester) and a health plan (information source). They are focused on providing operating rules for more useful and consistent conduct of the 270/271 transactions between any information requester (such as a private physician office, a clinic or an acute care in-patient facility) and any information source (such as a health plan, an insurance company or a third-party administrator).





THE WHITE HOUSE
PRESIDENT
GEORGE W. BUSH

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

Executive Order 13410:

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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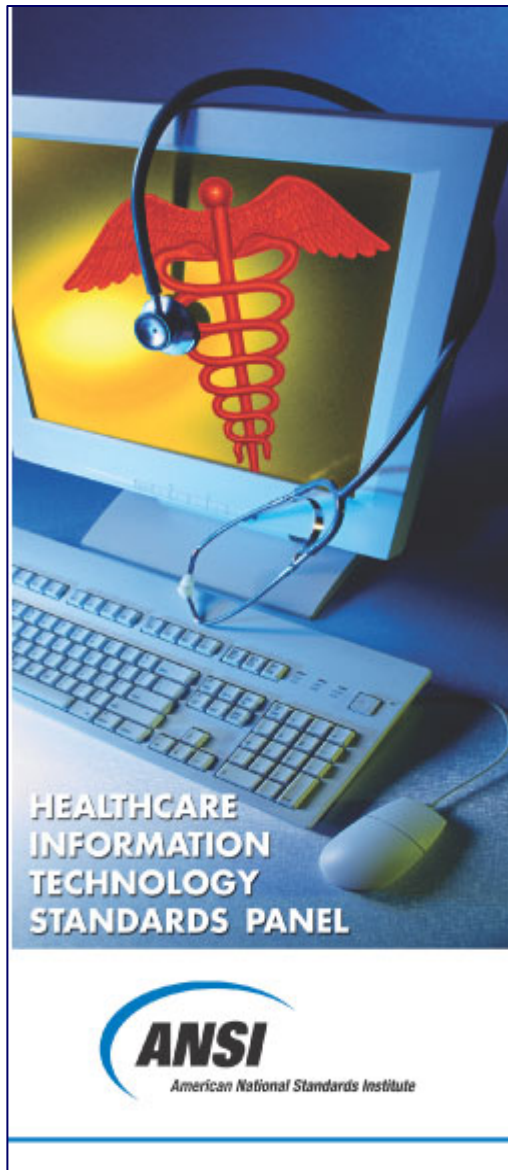
DEPARTMENT OF HEALTH AND HUMAN SERVICES

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 national agenda for adoption of interoperable healthcare IT in the United States





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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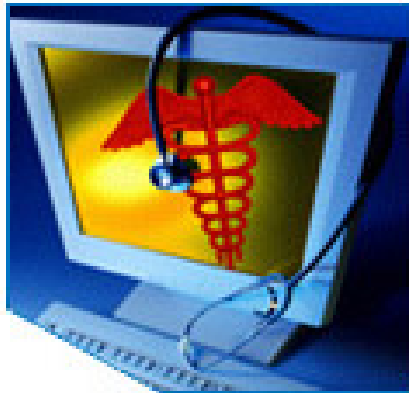
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