

Office of the National Coordinator for Health Information Technology

Update for Health Information Technology Standards Panel

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U.S. Department of Health and Human Services

Outline

- Major ONC HIT initiatives
- American Health Information Community
- Breakthroughs / use cases
- National Health Information Network architecture
- Some implications for HITSP

ONC – Major Initiatives

1. American Health Information Community (“the Community”)
2. Nationwide Health Information Network (NHIN) Prototypes
3. Standards Harmonization (HITSP)
4. Compliance Certification (CCHIT)
5. Privacy and Security (HISPC)
6. Health Information Technology and Health Care Anti-Fraud
7. Health IT Adoption Initiative
8. Proposed changes to self-referral and anti-kickback rules
9. Digital Health Recovery for the Gulf Coast

The Community

- Significant progress after two meetings
- Five “breakthrough” areas discussed
- Three use case / breakthrough areas have been identified
- HITSP and other major initiatives are to present at the January 17th Community meeting

How can the Community Breakthrough / Use Cases Help the HIT agenda?

- **Clarity:** provide clear, common descriptions of activities and participants in the health activities associated with a Breakthrough area
- **Communication:** provide a method for written communication across broad, multiple HIT initiatives
- **Coordination:** one tool in a broader framework to help focus on the realization of Breakthroughs
- **Leverage:** support advancement of work in each initiative to meet the needs of other parts of the HIT agenda

Initial Community Use Case Areas

Biosurveillance

Broad Area: Implement real-time nationwide public health event monitoring and support rapid response management across public health and care delivery communities and other authorized government agencies.

Specific Use Case Area: Transmit essential ambulatory care and emergency department visit, utilization, and lab result data from electronically enabled health care delivery and public health systems in standardized and anonymized format to authorized public health agencies with less than one day lag time.

Initial Community Use Case Areas

Consumer Empowerment

Broad Area: Gain wide adoption of a personal health record that is easy-to-use, portable, longitudinal, affordable, and consumer-centered.

Specific Use Case Area: Deploy to targeted populations a pre-populated, consumer-directed and secure electronic registration summary. Deploy a widely available pre-populated medication history linked to the registration summary.

Initial Community Use Case Areas

Electronic Health Record

Broad Area: Support the implementation of interoperable, certified EHRs, minimizing integration issues for providers.

Specific Use Case Area: Deploy standardized, widely available, secure solutions for accessing laboratory results and interpretations in a patient-centric manner for clinical care by authorized parties.

Use Case Schedule

Initial Use Case Template Development

- November

Community Use Case Areas and Template Distributed

- December

Draft Use Cases Material Submitted

- January 18

Use Case “Structural” Harmonization

- End of January

Use Cases Presented and Reviewed by Community or its Designees

- February

Use Case Implications for HITSP

- Participate in development process
- Identify standards (high level) needed for use cases
 - Work with input from others
- Identify areas where implementation guides may be necessary to support use cases
 - Coordinate with other processes
- Coordinate the advancement of relevant implementation guides

Nationwide Health Information Network

- A widely available, easy to use, inexpensive service to securely exchange health information
 - Information exchange and interoperability necessary to realize the President's vision for Healthcare IT
 - Interconnect Electronic Health Records
 - Transport electronic medical information to inform clinicians and follow the consumer
- Provide a platform for quality initiatives
- Integrate public health and bioterrorism monitoring with care

Nationwide Health Information Network – Phase I

- Phase I is currently underway
 - Four contracts awarded by HHS
 - Contribute to the development of an NHIN architecture
 - Develop working prototypes to establish the viability of proposed architectural approaches
- Consortia led by Accenture, CSC, IBM and Northrop Grumman
 - Health information technology organizations
 - Three health care markets in each consortium
 - Provide perpetual licenses for government use of technology required to replicate
- Public convening of consortia and all other interested parties to ensure public input into NHIN structure

Relationships to HITSP

NHIN process products with relevance to HITSP:

- Needed standards (high level)
 - CCHIT, FHA/CHI, others?
- Requests for implementation guides
 - NHIN consensus product
- Security standards needs
 - also HISPC

Needs for HITSP products by CCHIT and others

For More Information

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