

Documentary Standards Update: Health IT

NIST VCAT
June 8-9 2010

Health IT: Context

- ▶ NIST involved in health IT since mid-1990s
- ▶ NIST's roles articulated in the Federal Health IT Strategic Plan 2008-2012 (<http://healthit.hhs.gov>)
 - ▶ Interagency agreement with HHS/ONC since 2005
- ▶ ARRA assigns NIST specific responsibilities in health IT:
 - ▶ “...the Secretary of Health and Human Services shall transfer \$20,000,000 to the Director of the [NIST]...for **continued work on advancing health care information enterprise integration through activities such as technical standards analysis and establishment of conformance testing infrastructure...**” (Title VIII)
 - ▶ Consult on Certification of health IT

Health IT: Major Accomplishments

- ▶ Developed test suites for all standards required for certified EHR products for 2011; meaningful use of these products provides physicians and hospitals incentive payments.
- ▶ Provided key technical leadership in critical standards development efforts
 - ▶ Tool developed to enhance medical device interoperability through standard terminology mapping; used across the health IT enterprise
 - ▶ Profile developed and being tested by community for physicians to get dynamic summary data in real time
- ▶ HHS/ONC will use NVLAP in permanent certification process.
- ▶ Membership in health IT coordination groups

Health IT: Challenges

- ▶ **Health IT community faced with**
 - ▶ Standards proliferating at a rapid pace
 - ▶ Wide variability of environments in which health IT technologies must be adopted, e.g., large hospitals vs. rural doctors

- ▶ **NIST focuses on**
 - ▶ Standards that will enhance physician adoption and meaningful use
 - ▶ Accompanying test tools to assure complete, unambiguous standards

Health IT: Recent and Upcoming Events

- ▶ Health IT Panel discussion at Information Security and Privacy Advisory Board (April 7 - 9, 2010)
- ▶ Safeguarding Health Information: Building Assurance through HIPAA Security (May 11 - 12, 2010)
- ▶ Interagency Committee on Disability Research Conference (May 13 - 14, 2010)
- ▶ NIH mHealth Barriers Workshop (June 7-8, 2010)
- ▶ Health IT Standards Committee Implementation Workgroup Meeting (June 11, 2010)
- ▶ 2010 Government Health IT Conference & Exhibition by HIMSS (June 15 - 16, 2010)
- ▶ Usability in Health IT: Strategic, Research, and Implementation (July 13, 2010)