

turning knowledge into practice

Privacy and Security Solutions for Interoperable Health Information Exchange

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Overview of Session

- Purpose of the contract
- Assumptions underlying the methodology
- Overview of the process
- Current Status
- Upcoming events and activities

Purpose of the contract

- **Purposes:**

- (1) assess variations in organization-level business practices, policies and state laws that affect health information exchange;**
- (2) identify and propose practical solutions, while preserving the privacy and security requirements in applicable Federal and state laws; and,**
- (3) develop detailed plans to implement solutions.**

Assumptions underlying the methodology

- **Decisions about how to protect the privacy and security of health information should be made at the local community level**
- **Discussions need to take place to develop an understanding of the current landscape and the variation that exists between organizations within each state, and ultimately across states**
- **Stakeholders at the state and community levels, including patients and consumers, must be involved in identifying the challenges and developing solutions to achieve broad-based acceptance**

Health Information Security and Privacy Collaborative

- Health Information Security and Privacy Collaborative (HISPC) is comprised of 33 States and 1 Territory, Puerto Rico
 - 1 subcontracted organization per state
 - Each subcontracted entity was designated by the governor
 - Each state identified a steering committee which is a private-public partnership comprised of leaders from state government and stakeholder organizations
 - Work conducted through series of work groups with specific charges

Overview of the process

- Modified Community-based Research Model where states bring together a broad range of stakeholders to identify challenges and develop solutions
- State project teams follow a 'core' methodology that frames discussions in terms of purposes for the exchange of certain types of health information within 9 domains of privacy and security

Purposes for Exchange

- **Purposes of Health Information Exchange and Relevant Scenarios**
 - Treatment
 - Payment
 - RHIO
 - Research
 - Law Enforcement
 - Prescription Drug Use/Benefit
 - Healthcare Operations/Marketing
 - Bioterrorism
 - Employee Health
 - Public Health
 - State Government Oversight

Nine Domains of Privacy and Security

- User and entity authentication
- Authorization and access controls
- Patient and provider identification
- Information Transmission Security and exchange protocols
- Protection against improper modification
- Information Audits
- Administrative or Physical Security
- State Law Restrictions
- Information Use and Disclosure Policies

Stakeholder Outreach

- Providers
- Payers
- Federal health facilities
- State government
- Hospitals
- Public health agencies
- Community clinics and health centers
- Laboratories
- Pharmacies
- Long term care facilities and nursing homes
- Homecare and hospice
- Correctional facilities
- Professional associations and societies
- Medical and public health schools that undertake research
- Quality improvement organizations
- Consumers or consumer organizations

Variations Work Group and Stakeholder Groups

- Facilitated work group meetings discuss scenarios and generate a core set of business practices and policies for each scenario
- Core set of practices and policies is reviewed by broader range of stakeholders to validate the business practices and fill gaps
- Practices are coded as to whether they pose barriers to HIE or not

Legal Work Group

- Reviews “barriers” to determine whether there is a legal basis for the practice or policy
- The term “law” used here refers to relevant regulation, statute, or case that is the primary underlying driver behind a business practice

Regional Meeting Schedule

Meeting location	HISPC States	Non HISPC States ^[1]	Meeting Date
Kansas City	Kansas, Oklahoma, Arkansas	Nebraska, Missouri	10/23/2006
Minneapolis	Minnesota, Wisconsin, Iowa	North Dakota, South Dakota	10/25/2006
Indianapolis	Michigan, Illinois, Indiana, Kentucky, Ohio		11/3/2006
Charlotte	North Carolina, West Virginia	Virginia, Tennessee, South Carolina, Georgia, Maryland, District of Columbia	11/13/2006
Seattle	Alaska, Washington State, Oregon	Idaho, Montana	11/6/2006
Phoenix	California, Arizona	Nevada, Hawaii, Guam, Marianas, American Samoa	11/8/2006
Salt Lake City	New Mexico, Wyoming, Utah, Colorado		11/9/2006
New Orleans	Florida, Louisiana, Mississippi	Alabama, Texas, US Virgin Islands	11/13/2006
Newark	New York, New Jersey, Puerto Rico	Pennsylvania, Delaware	11/15/2006
Boston	Connecticut, Massachusetts, Rhode Island, New Hampshire, Vermont, Maine		11/17/2006

^[1] Invited to observe the process HISPC states are following

Regional Meeting Agenda

Purpose:

- Provide participants the opportunity to interact with a range of stakeholders from multiple states to discuss privacy and security issues related to HIE.
- Bring together leadership and stakeholders to discuss variations in practices, policies and laws that are identified as barriers to interoperability and work toward developing a common framework.
- Provide an opportunity for state-level stakeholders to hear from national experts and representatives from the federal government

Regional Meeting Agenda

Goal for the States:

- Develop an understanding of what other states in their region are doing
- Develop an understanding of the inter-state issues that they will be facing as they move into the analysis of solutions and implementation planning phases.
- Establish a framework that will guide the development of solutions and implementation planning.

Solutions and Implementation Planning Work Groups

- Analyze the barriers and develop range of feasible solutions and set priorities
- Multi-stakeholder Work groups review and agree upon array of potential solutions to be included in implementation planning
- Implementation plans that:
 - Assign responsibility for tasks
 - Identify inputs and dependencies
 - Organize tasks into a sequential path
 - Define timeframes for completion of stages, and the plan as a whole.
 - Assess resource requirements and associated costs
 - Include a plan to monitor and measure performance

Updated Deliverable Schedule

Deliverable Title	Due Dates
Interim Assessments of Variation	11/6/06
Interim Reports of Solutions	12/11/06
Interim Implementation Plans	1/15/07
Final Assessment/Analysis of Solutions	3/30/07
Final Implementation Plans	3/30/07
National Meeting	3/5-3/6/07

For More Information

HISPC: healthit.ahrq.gov/privacyandsecurity
www.rti.org/HISPC

RTI: www.rti.org

HHS/AHRQ: healthit.ahrq.gov

HHS/ONC: www.hhs.gov/healthit