



# Update on ONC Activities

NCVHS: November 18, 2008

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Office of the National Coordinator  
for Health Information Technology

# Agenda

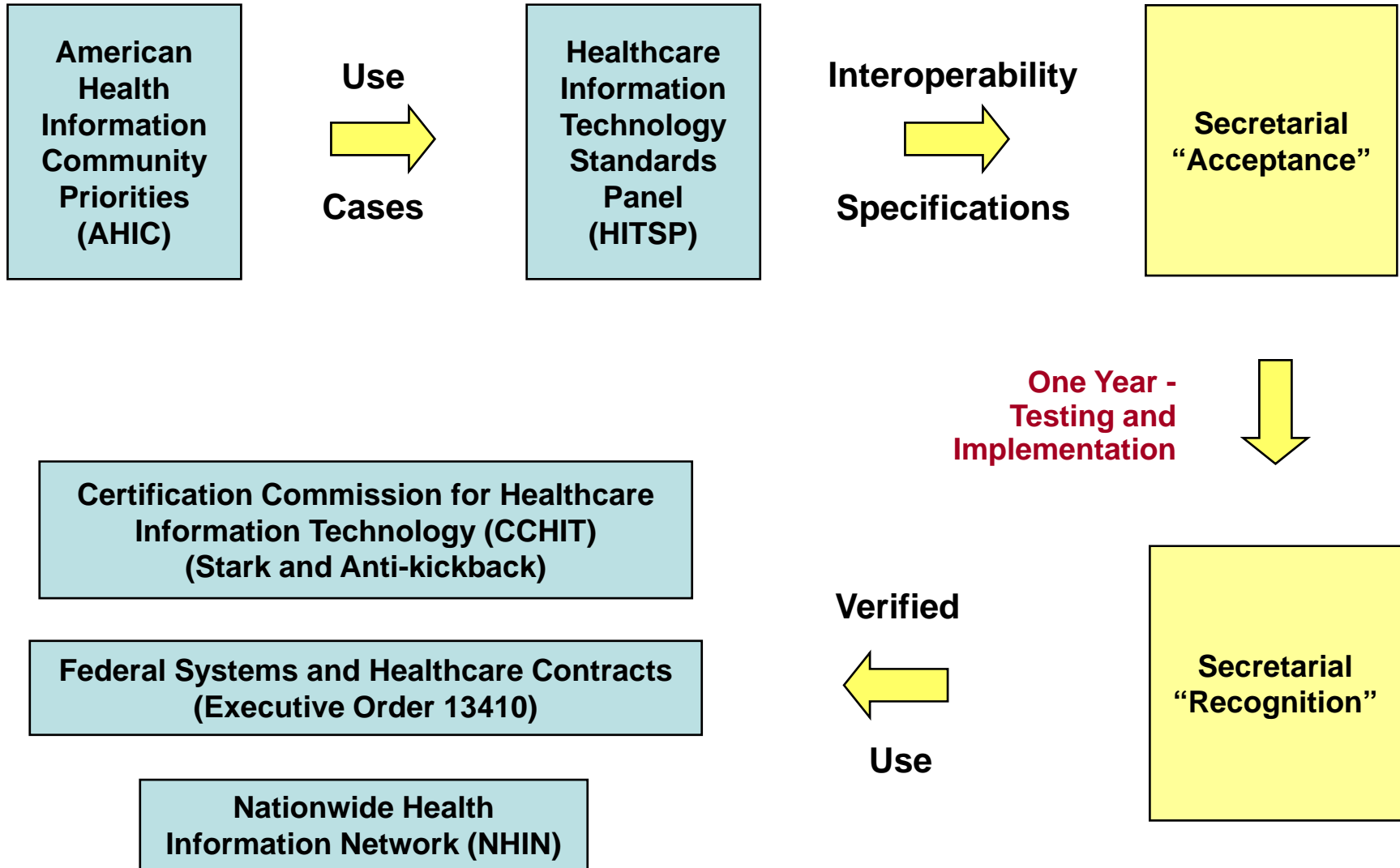
- Health IT Strategic Plan Synopsis in hard copy
- Final meeting of AHIC
- Progress in Interoperability and Standards
- Report from State Alliance for E-Health
- Report on NHIN: Sept 23 Demo and Plans for December 15-16



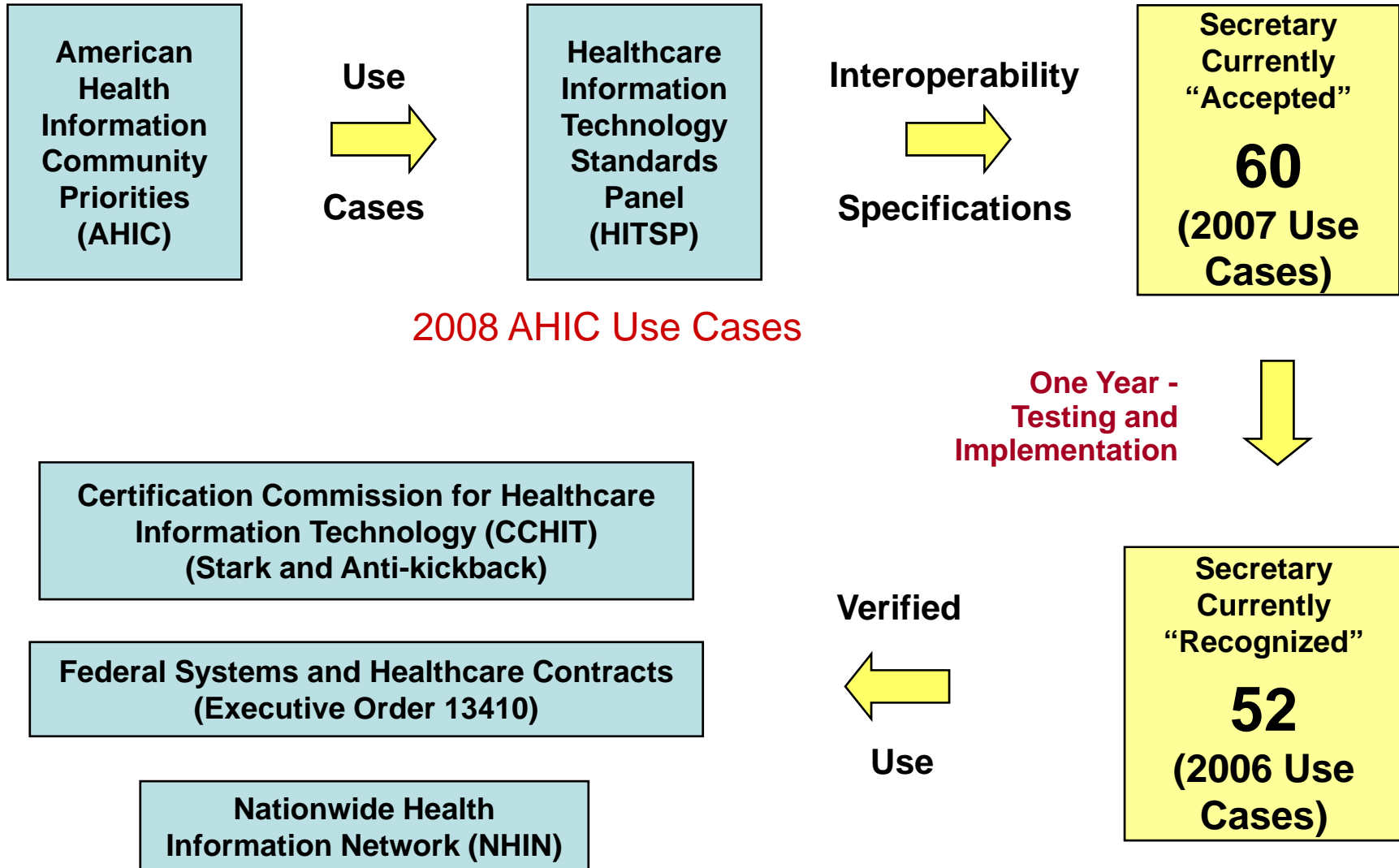
# Final AHIC Meeting: November 12

- Announcement of the CMS PHR Demo
- Reports on the AHIC Successor
- Panel on Adoption
  - Closing reports from EHR, Chronic Care, Consumer Empowerment Workgroups
  - Preliminary results of EHR adoption survey in hospitals
  - Secure messaging pilot update
- Quality Workgroup closing reports
- Personalized healthcare closing reports
- Clinical decision support closing reports
- Recognition of AHIC members

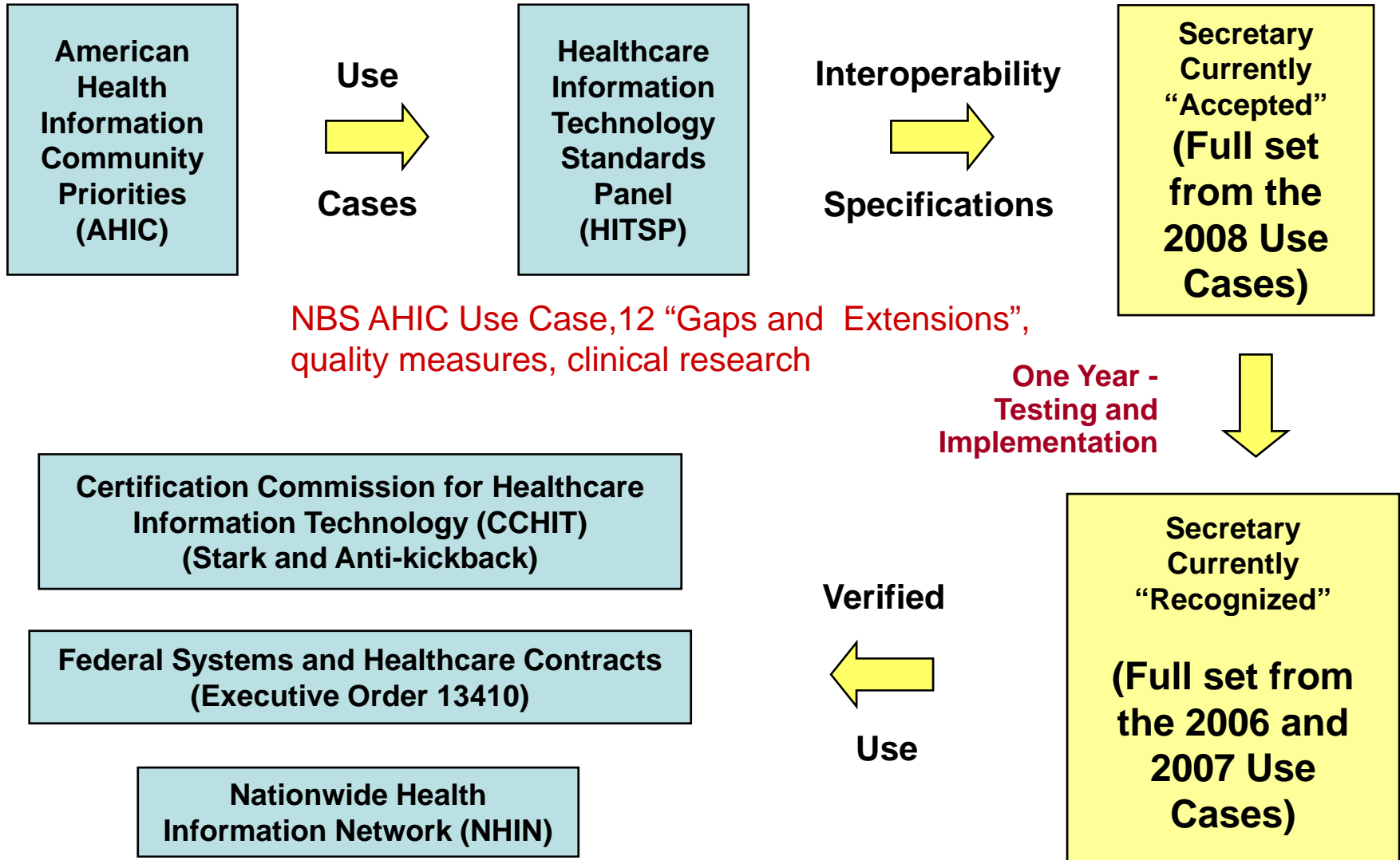
# Standards in the National HIT Agenda



# Standards in the National HIT Agenda: Current Status



# Standards in the National HIT Agenda: Anticipated January Status



# AHIC Priorities Roadmap

## AHIC Priorities and Use Case Roadmap

2006	2007 Use Cases		2008 Use Cases		2009 Use Case
<b>Consumer Empowerment Use Case</b> <ul style="list-style-type: none"> <li>• Registration</li> <li>• Medication History</li> </ul>	<b>Consumer Access to Clinical Information</b> <ul style="list-style-type: none"> <li>• Access to Clinical Data</li> <li>• Provider Permissions</li> <li>• PHR Transfer</li> </ul>		<b>Remote Monitoring</b> <ul style="list-style-type: none"> <li>• Remote Monitoring of Vital Signs and Labs (Glucose)</li> </ul>	<b>Patient – Provider Secure Messaging</b> <ul style="list-style-type: none"> <li>• Structured email</li> <li>• Reminders</li> </ul>	<b>Newborn Screening</b>
<b>EHR Use Case</b> <ul style="list-style-type: none"> <li>• Laboratory Result Reporting</li> </ul>	<b>Emergency Responder EHR</b> <ul style="list-style-type: none"> <li>• On-Site Care</li> <li>• Emergency Care</li> <li>• Definitive Care</li> <li>• Provider Authentication and Authorization</li> </ul>	<b>Medication Management</b> <ul style="list-style-type: none"> <li>• Medication Reconciliation</li> <li>• Ambulatory Prescriptions</li> <li>• Contra-indications</li> </ul>	<b>Consultations and Transfers of Care</b> <ul style="list-style-type: none"> <li>• Referrals</li> <li>• Problem Lists</li> <li>• Transfer of Care</li> </ul>	<b>Personalized Healthcare</b> <ul style="list-style-type: none"> <li>• Laboratory Genetic / Genomic Data</li> <li>• Family Medical History</li> </ul>	<b>2009 Use Case Ext/Gaps</b>
<b>Biosurveillance Use Case</b> <ul style="list-style-type: none"> <li>• Visit</li> <li>• Utilization</li> <li>• Clinical Data</li> <li>• Lab and Radiology</li> </ul>	<b>Quality</b> <ul style="list-style-type: none"> <li>• Hospital Measurement and Reporting</li> <li>• Clinician Measurement and Reporting</li> <li>• Feedback to Clinicians</li> </ul>		<b>Public Health Case Reporting</b> <ul style="list-style-type: none"> <li>• Case Reporting</li> <li>• Bidirectional Communication</li> <li>• Labs</li> <li>• Adverse Events</li> </ul>	<b>Immunizations &amp; Response Management</b> <ul style="list-style-type: none"> <li>• Resource Identification</li> <li>• Vaccine</li> <li>• EHR Data</li> </ul>	<b>General Laboratory Orders</b>
					<b>Medication Gaps</b>
					<b>Common Device Connectivity</b>
					<b>Clinical Encounter Note Details</b>
					<b>Order Sets</b>
					<b>Consumer Preferences</b>
					<b>Common Data Transport</b>
					<b>Medical Home: Co-Morbidity and Registries</b>
					<b>Maternal and Child Health</b>
					<b>Prior Auth &amp; Sched for TPO</b>
					<b>Long Term Care - Assessments</b>
					<b>Consumer AE Reporting</b>

# State Alliance for E-Health

- Created in 2006 by the NGA Center for Best Practices
- Addresses role of states in facilitating adoption of interoperable health IT
- Executive body of state elected and appointed officials
- Co-chaired by Tennessee Gov Phil Bredesen and Vermont Gov Jim Douglas
- Three task forces:
  - Health information protection
  - Health care practice
  - Health information communication and data exchange



# First Annual Report and Recommendations from the State Alliance for e-Health

“To help their citizens reap the benefits of HIT and HIE, states must engage in collaborative, coordinated efforts with health care providers, the private sector, other states and the federal government to achieve their HIT and electronic HIE goals.”



## Recommendations for State Action

1. Provide leadership and support for e-health efforts in each state;
2. Address privacy and security;
3. Promote the use of standards-based, interoperability technology;
4. Streamline the licensure process to enable cross-state e-health;
5. Engage consumers to use HIT and HIE in managing their own health
6. Develop workforce capacity to support electronic HIE efforts

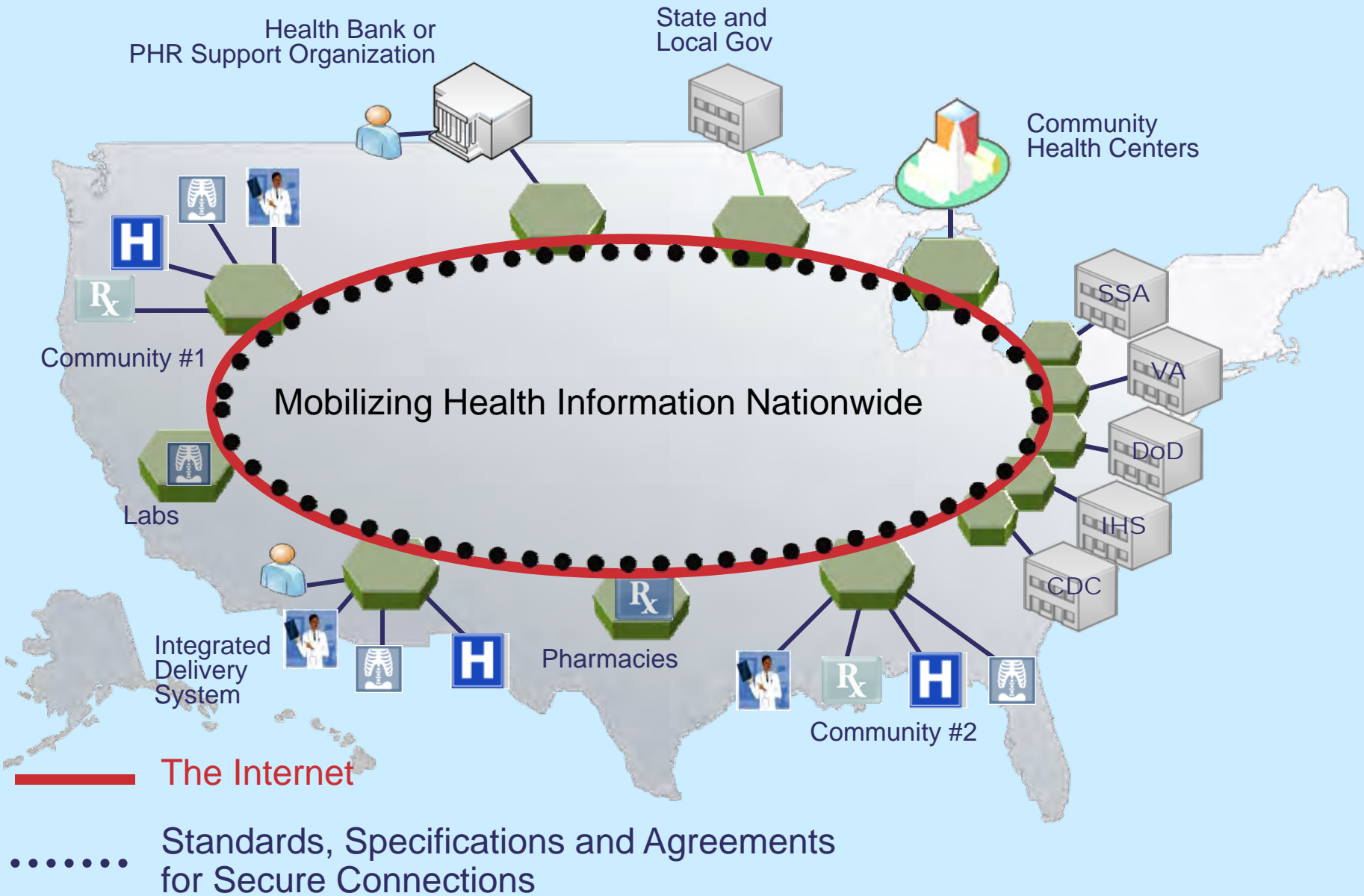
<http://www.nga.org/Files/pdf/0809EHEALTHREPORT.PDF>

## Example Strategies for State Action

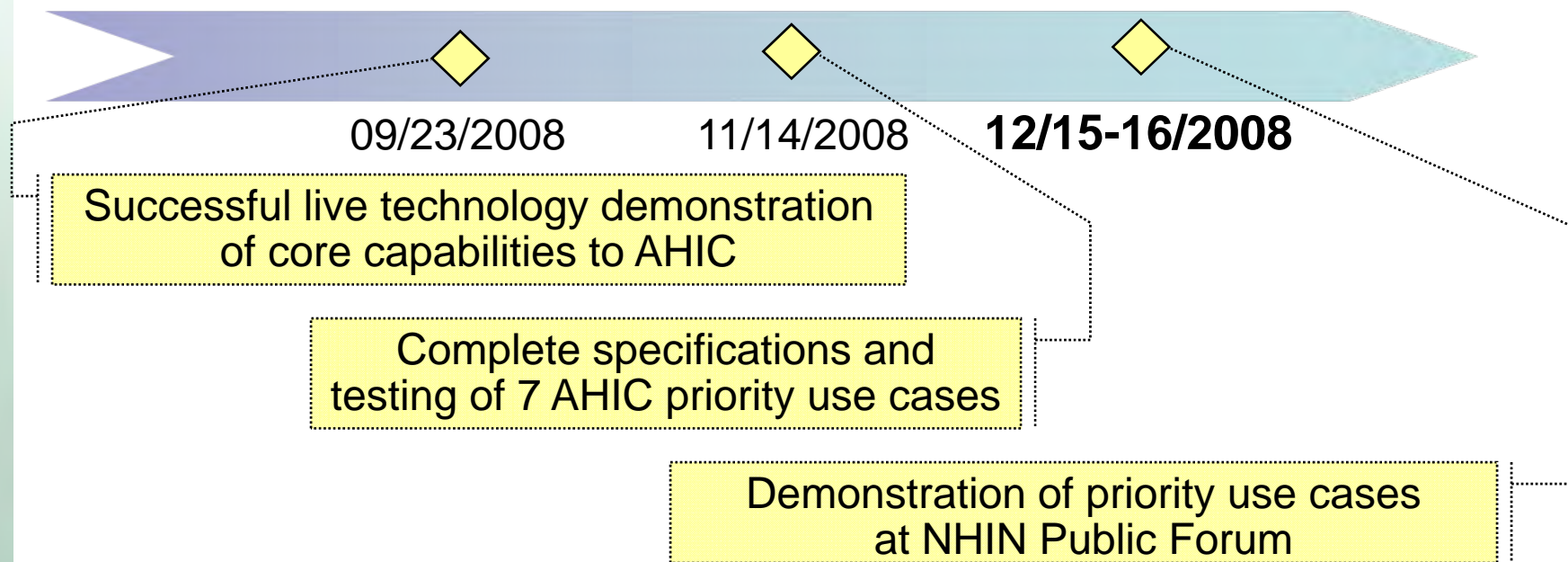
1. Provide leadership and support for e-health efforts in each state;
  - Create single coordination authority for public-private efforts
2. Address privacy and security;
  - Consolidate and update relevant laws...
3. Promote the use of standards-based, interoperability technology;
  - Require public program systems to use recognized standards
4. Streamline the licensure process to enable cross-state e-health;
  - Direct state licensure boards to adopt common applications
5. Engage consumers to use HIT and HIE in managing their own health
  - Medicaid and State employees health plans implement PHRs
6. Develop workforce capacity to support electronic HIE efforts
  - Secure executive leadership trained in HIT and HIE



# The Nationwide Health Information Network



# NHIN Milestones





# Sept 23 NHIN Trial Implementation Demonstration

- Part 1: Supporting the Patient
  - Emergency care
  - Transfer of care
  - **Wounded warrior**
- Part 2: Supporting Consumer Preferences
  - Initial set of capabilities
  - Opt in and opt out of information exchange
  - Flexible framework to permit various policy options
  - Additional capabilities to be demonstrated in December
- Part 3: Innovative Business Use
  - Authorized Release of Information to Social Security Administration for disability determination



# NHIN Cooperative Participants

- CareSpark
- Centers for Disease Control and Prevention
- Cleveland Clinic
- Community Health Information Collaborative
- Delaware Health Information Network
- Department of Defense
- HealthBridge
- HealthLINC (Bloomington Hospital)
- HealthLink RHIO (Wright State University)
- Indian Health Service
- Inland Northwest Health Services  
*(through CDC HIE contract)*
- Kaiser Permanente
- Long Beach Network for Health
- Lovelace Clinic Foundation
- MedVirginia
- New York eHealth Collaborative
- North Carolina Healthcare Information and Communications Alliance (NCHICA)
- Regenstrief Institute (Indiana University)
- Social Security Administration
- West Virginia Health Information Network
- Veterans Affairs

# NHIN Trial Implementation Demonstration

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## Wounded Warrior Scenario

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# Participants in Demonstration

The following organizations participated in demonstration of standards-based exchange of patient health summary documents over NHIN.



North Carolina Healthcare Information and Communications Alliance, Inc.





## Addressing the Wounded Warrior's Needs



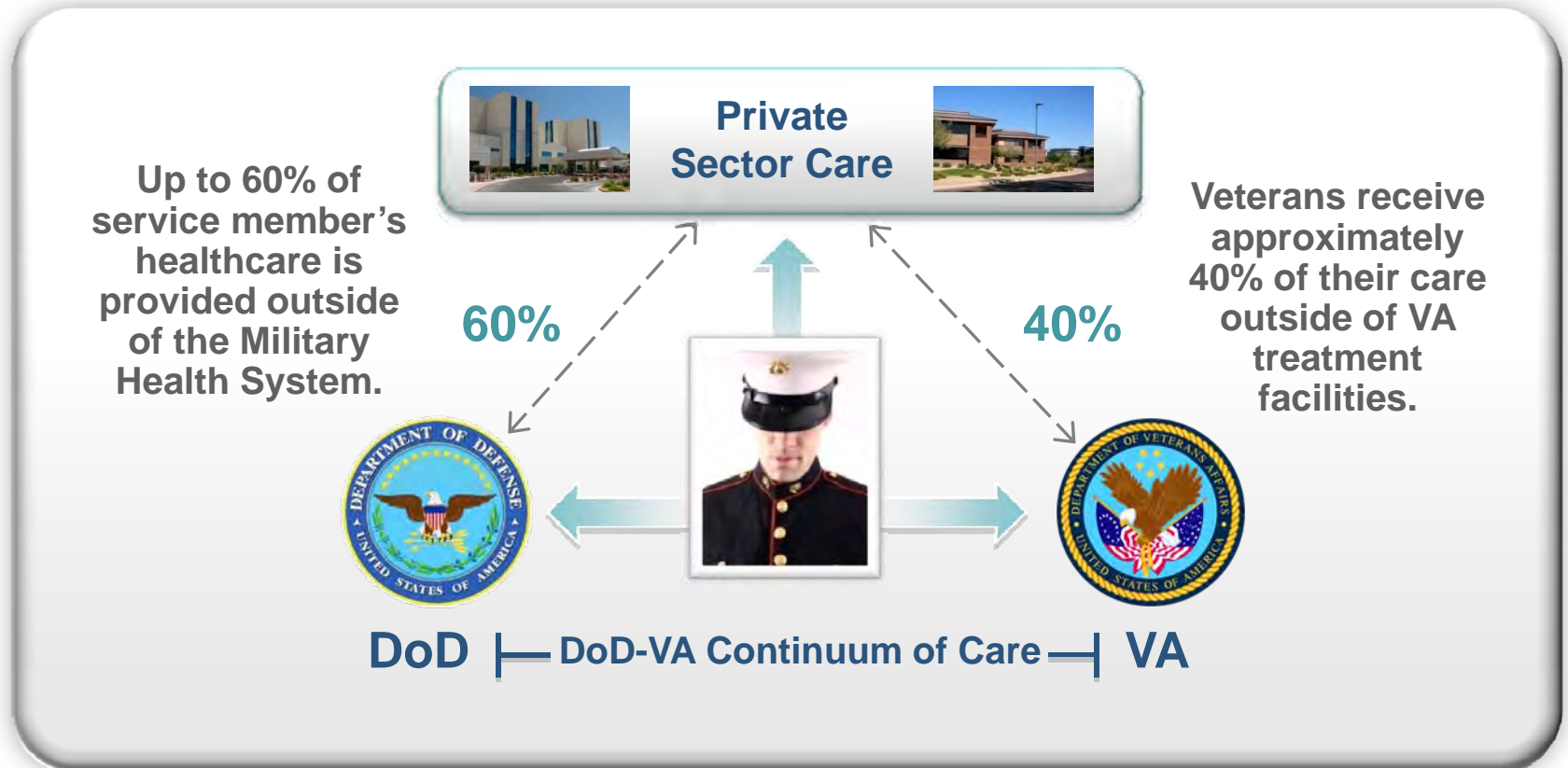
Meet **William Ozzie\***,  
the Wounded Warrior,  
injured while on  
deployment in Iraq.

\* William Ozzie is a fictional, composite representation of a wounded soldier



# The Need to Connect Public and Private-Sector Healthcare

We need to provide coordinated care for Wounded Warriors and those who have served this country, regardless of where healthcare services are provided.



# Gunnery Sergeant William Ozzie's Treatment History



**Iraq:** William Ozzie's sustains injuries to head, body and left foot.

**Bethesda, MD:** Receives care at **National Naval Medical Center** for mild head trauma, surgery on left foot and is evaluated for traumatic brain injury (TBI).

**Richmond, VA:** Transferred to **St. Mary's Hospital, a Not for Profit Hospital within the Bon Secours Health System and a data supplier to MedVirginia.** Physician prescribed pain medication and an anti-inflammatory to address continued pain in left foot.

**Kingsport, TN:** Incurs injury to right ankle and treated at **the Holston Medical Group Urgent Care of Sapling Grove, a provider that participates in CareSpark.** Physician accesses records from DoD and MedVirginia. Diagnosed with sprained ankle and prescribed Acetaminophen.

**Pinehurst, NC:** Begins experiencing headaches while on vacation. Visits **FirstHealth of the Carolinas, a member of NCHICA.** Doctor reviews records from DoD, MedVirginia, CareSpark and diagnoses an analgesic overuse headache.

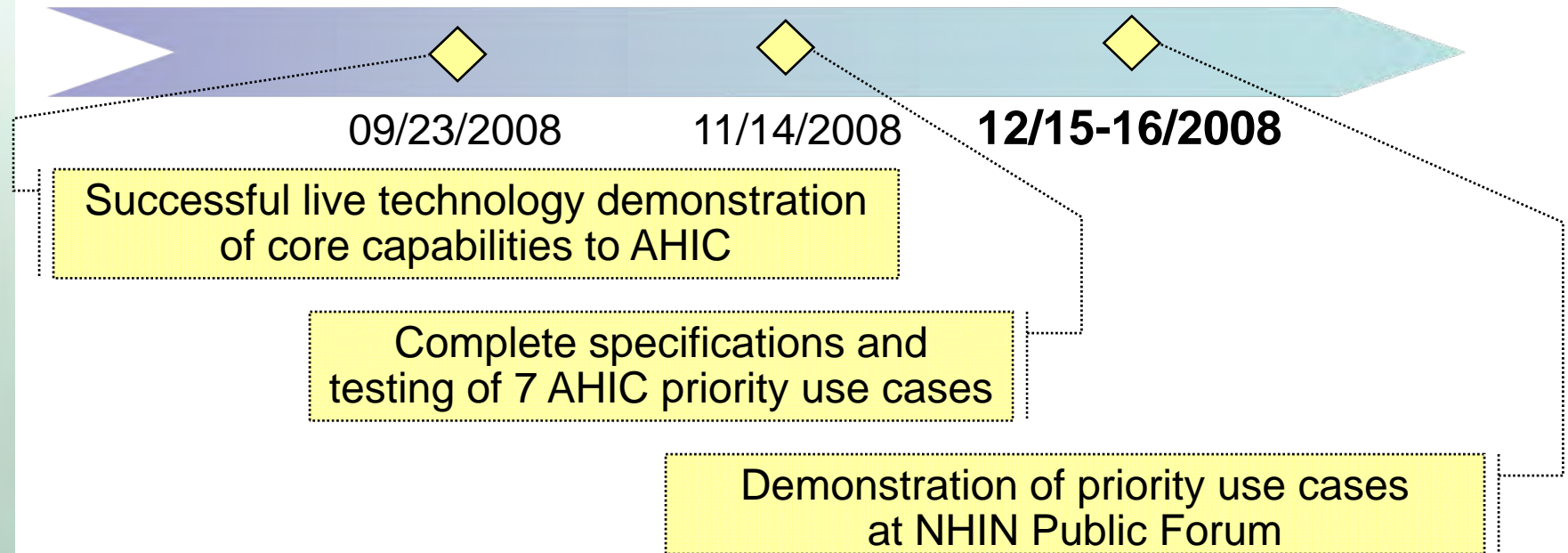
**Richmond, VA:** After honorable discharge, William begins treatment at **Hunter Holmes McGuire VA Medical Center.**



# VA Demonstration



# NHIN Milestones



**Come join us at the NHIN Forum  
December 15 and 16**

Register for the next NHIN Forum at the Grand Hyatt, Washington, DC

[www.hhs.gov/healthit/healthnetwork](http://www.hhs.gov/healthit/healthnetwork)