

Health Information Exchange Quarterly Update Meeting

March 27, 2012



ADOA - ASET
Arizona Strategic Enterprise Technology

Lorie Mayer
Arizona State HIT Coordinator
Medicaid HIT Coordinator, AHCCCS

PURPOSE OF QUARTERLY MEETINGS

- Introduce myself and ASET Team to you
- Short term: Notify stakeholders of need to submit updated Strategic and Operational Plans to ONC by June 8th – working on how to involve stakeholders
 - Look for alerts through Arizona Health-e Connection and on website <http://hie.az.gov/>
 - Anticipate a lot of HIE activity over a short period of time
- Longer Term: Share Updates on ONC HIE Cooperative Agreement program
 - Ensuring ASET is supporting HIE needs of providers who want to qualify for Meaningful use
- One mechanism to gather feedback from you about projects and strategies
- One way to ensure state agencies are coordinated and supporting Eligible Hospitals and Eligible Professionals are meeting MU

Agenda

- Welcome & Introductions
 - Lorie Mayer
- ADHS Immunization Pilot
 - Pat Rennert
 - Paula Mattingly
- Health Information Exchange Marketplace
 - Travis Shank
- E-Prescribing Campaign
 - Melissa Rutala
- Provider EHR Adoption Survey Report
 - William Johnson, PhD

ADHS Immunization Pilot

Paula Mattingly
Chief Information Officer
Arizona Department of Health Services

Pat Rennert
Health Information Exchange Analyst
Arizona Strategic Enterprise Technology

Meaningful Use Background

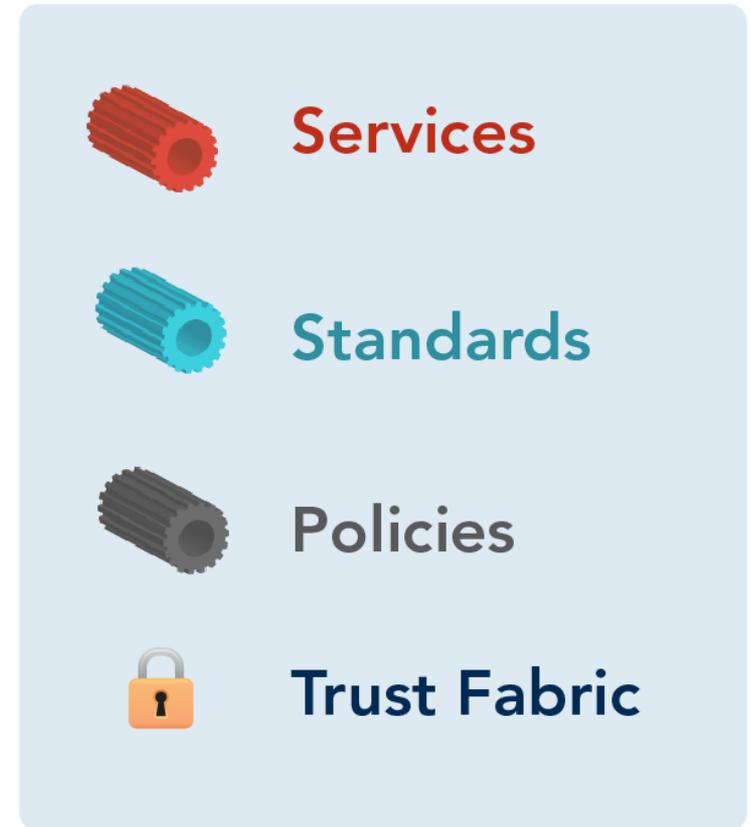
Health Information Technology for Economic and Clinical Health Act (HITECH Act)

- Use Health IT to
 - Improve health of Americans
 - Improve performance of health care system
- Components
 - Funding for **health IT infrastructure** including HIE
 - Incentives (Medicare and Medicaid) for **meaningful use**
 - Strengthen privacy and security of health information
 - Designated **Office of National Coordinator** (ONC) in HHS as lead

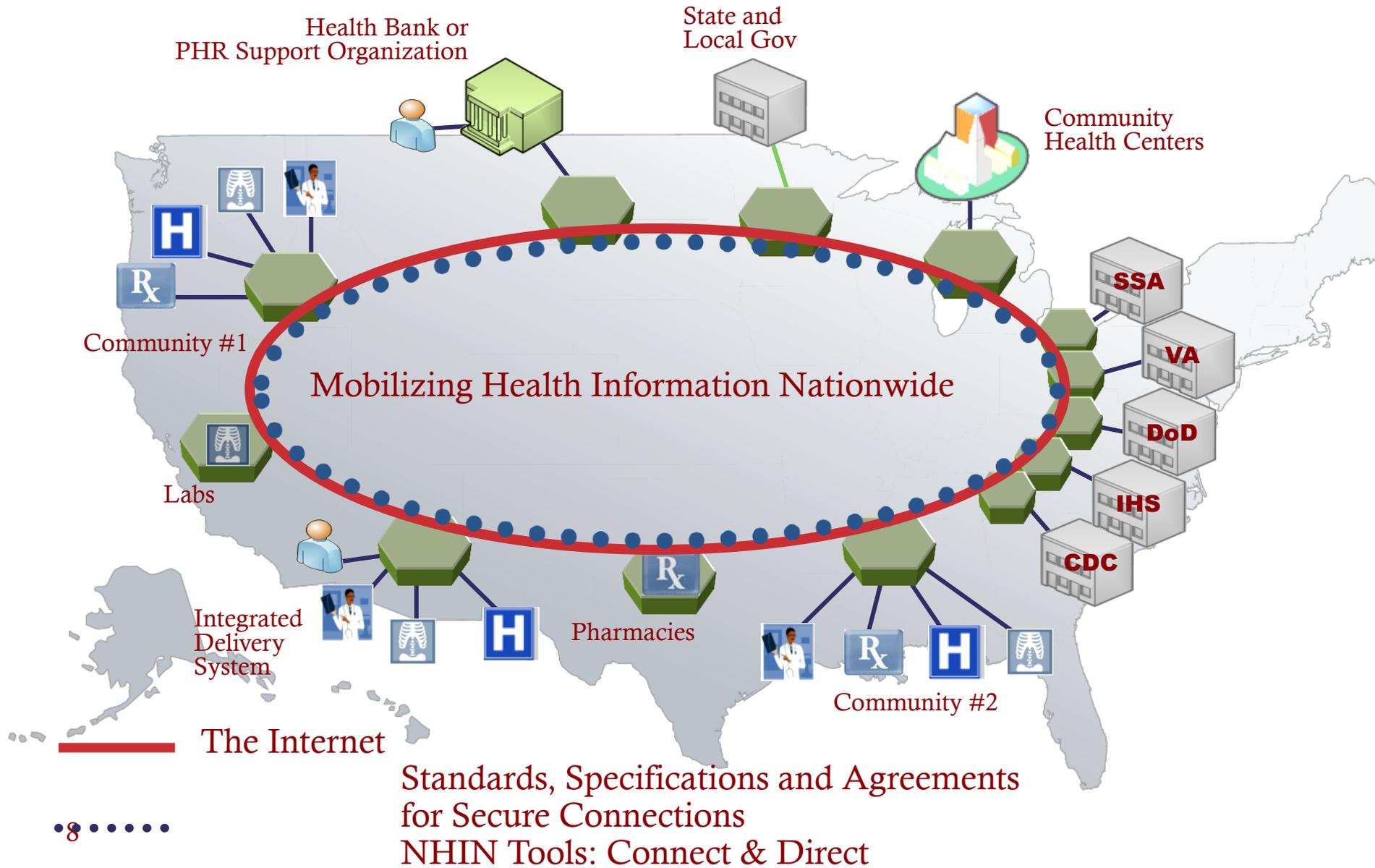
Health Outcomes Policy Priority	Care Goals	Stage 1 Objectives		Stage 1 Measures
		Eligible Professionals	Hospitals	
Improve population and public health	Communicate with public health agencies	Capability to submit electronic data to immunization registries and actual submission where required and accepted	Capability to submit electronic data to immunization registries and actual submission where required and accepted	Performed at least one test of certified EHR technology's capacity to submit electronic data to immunization registries
			Capability to provide electronic submission of reportable lab results (as required by state or local law) to public health agencies and actual submission where it can be received	Performed at least one test of the EHR system's capacity to provide electronic submission of reportable lab results to public health agencies (unless none of the public health agencies to which eligible hospital submits such information have the capacity to receive the information electronically)

Direct Project – What is Direct?

A project to create a set of standards to enable a simple, scalable transport mechanism over the Internet to be used for secure exchange between known participants in support of **meaningful use**



The Nationwide Health Information Network



What do you need to enable Direct?

- Direct Addresses
- Security & Trust Services
- Direct Messages
- Message Transport & Delivery

Direct Addresses

- Direct Addresses are used to route information
 - Look like email addresses
 - Used only for health information exchange

b.wells@direct.aclinic.org

- An individual may have multiple Direct addresses

User Interfaces – Overview of Options



- **Email Client**
 - S/MIME Encryption is popularly supported
 - Downloadable Plug-in for Direct



- **Web Portal (or Webmail)**
 - Web Portal can be set up by HISP or HIE
 - Webmail with plugin for Direct



- **EHR**
 - Module that enables Direct messaging
 - Message generated and sent by EHR without intermediate steps

Immunization Direct Pilot Overview

Project Objectives

- Objectives
 - Enable the providers to qualify for CMS Meaningful Use Stage1 criteria
 - The submission of immunization records to ADHS using the Direct
 - Communication protocols
 - Security model
 - Addressing mechanism
- Success Metrics
 - Two or more hospitals or provider entities submitting immunization data to ADHS

Pilot Value Statement

- Provides transitional support for achieving Meaningful Use
- Offers an immediate workflow efficiency gain by avoiding the double entries into EHRs and the ASIIS portal
- Provides an affordable option for eligible providers and ADHS

Project Deliverables

- ADHS Direct Gateway
- ADHS Provider Cross Mapping Database
- Web front end to maintain the Cross Mapping Database
- Test Gateway to be hosted at the Provider/HISP
- Pilot lessons learned

Timeline

- November 2011
 - Requirements gathering, design document and design review
- December 2011
 - Project plan, requirements validation
- January 2012
 - Design development and review
 - Testing and integration of STC modules
- February 2012
 - ASIIS module development, testing and delivery
- March 2012
 - Direct Gateway customizations, HISP configuration and integration testing
 - Onboarding EHRs – Care360, eClinicalWorks, Vitera
- April 2012
 - Vendor trains users, test VXU messages created
 - Immunization messages sent, end user testing
 - Next steps determined for go-live

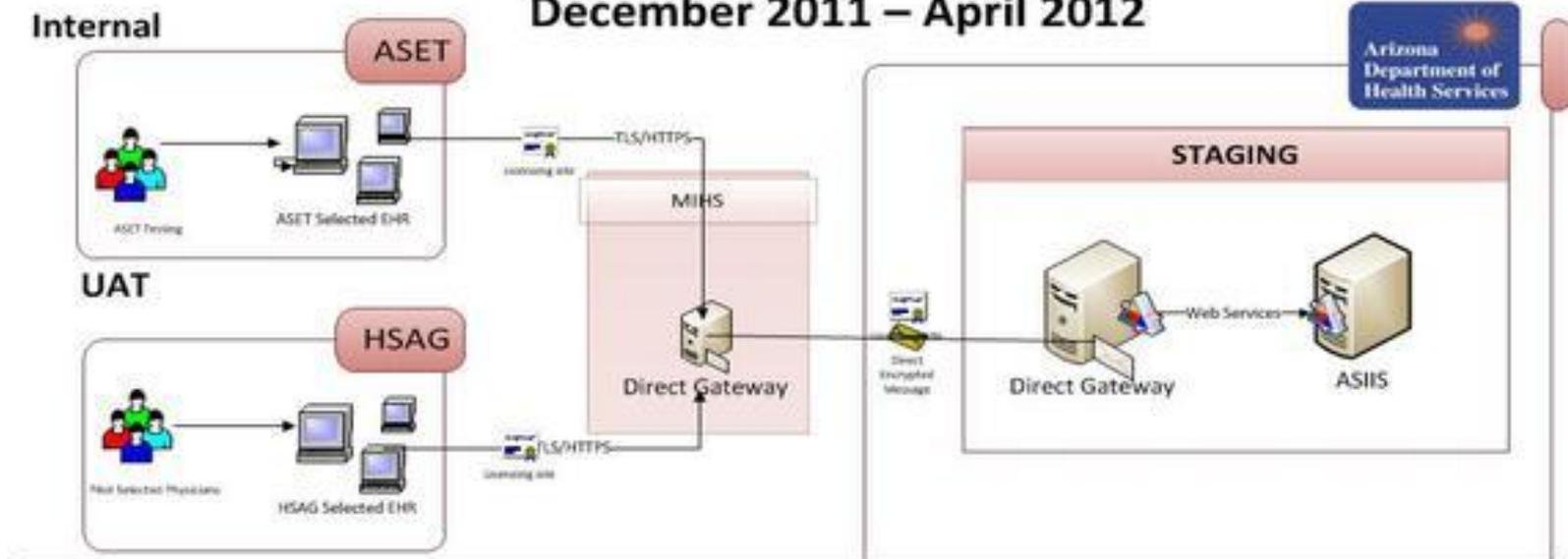
Project Requirements - Provider

- Providers are hosted at a HISP of their preference or a default test HISP will be made available
- The message will be formatted as an HL7 VXU message
- The message is embedded in the Secure Email container and is signed and encrypted

Project Requirements - ADHS

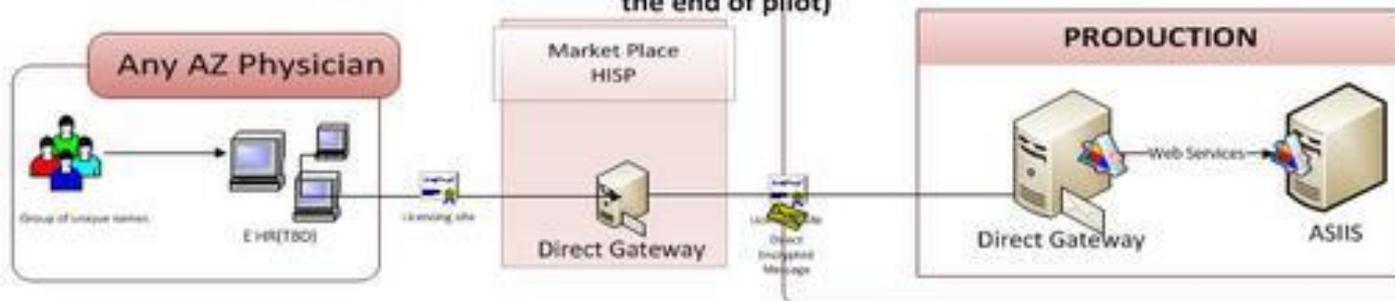
- ADHS hosts a Direct-based router to receive the immunization message
- ADHS will be able verify the digital certificate of the sender
- ADHS will be able to decrypt the message
- The email message is parsed and the HL7 VXU message is wrapped in the SOAP envelope to publish to the ASIIS system

Phase I - PILOT December 2011 – April 2012



Phase II – Production April 2012 – October 2012

(Not in Pilot scope. As things progresses and demand and market place establishes this Phase will be evaluated at the end of pilot)



Arizona Direct Immunization Pilot Infrastructure Layout

Questions?

- More information can be found on the Project Wiki:
 - <http://azdirectimpilot.wikispaces.com/>
- Contact Us:
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