

# **State of Arizona Strategic Approach to Health Information Exchange**

**Presented by Advances in Management, Inc.**



# Overview of Process

- ◆ Environmental Analysis
  - 42 Stakeholder Interviews
  - 10 Technical Surveys
  - Gap Analysis: current state to ONC priorities
- ◆ Strategic Planning
  - 20 private and public participants
  - Community consensus for HIE approach
  - Mission, Vision, SWOT, Gaps, Goals and Strategies
- ◆ Updated Strategic and Operational Plan
  - Stakeholder based content development
  - Stakeholder input into final plan
  - Submit to ONC



# Arizona's Vision and Mission for HIE

## *Vision Statement:*

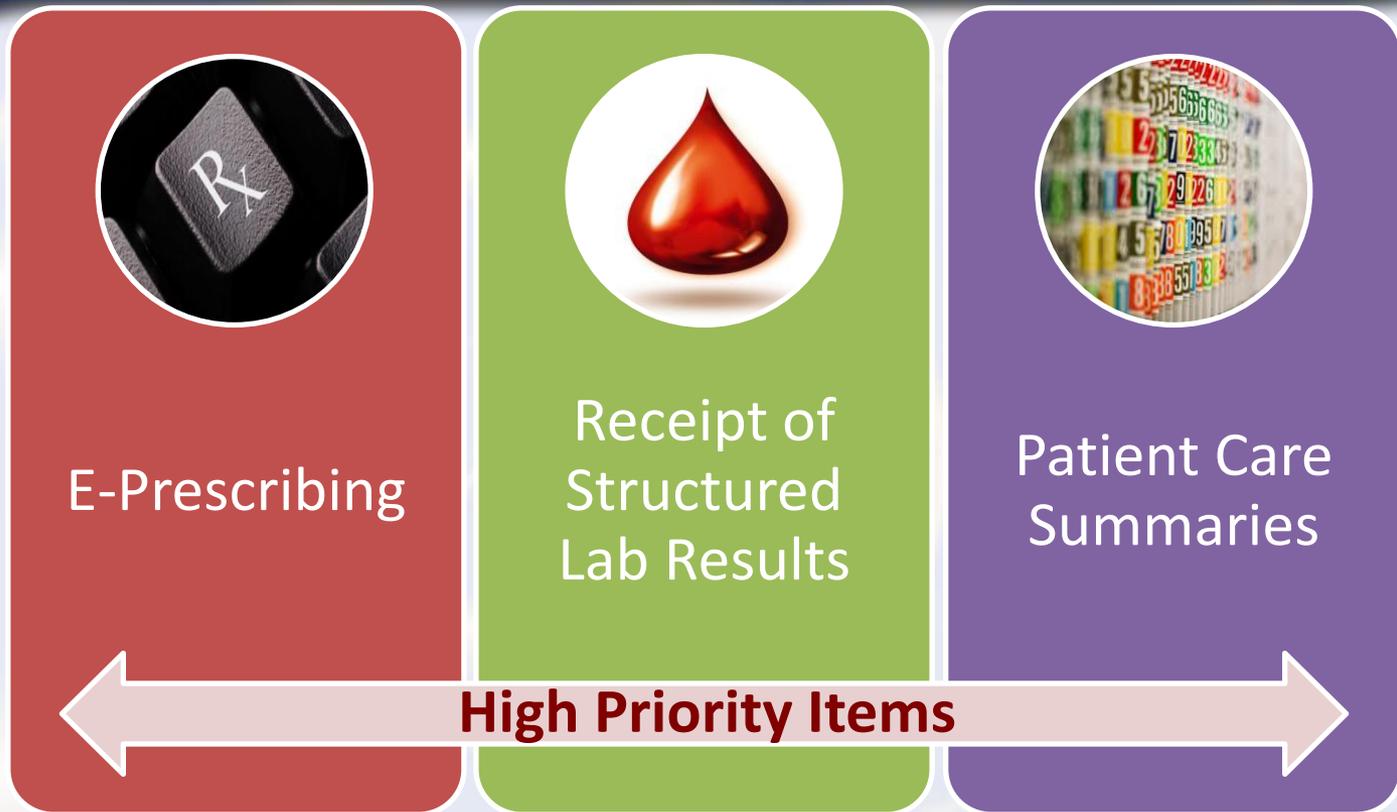
- ◆ Arizona strives to be the national role model for the secure, interoperable health information exchange to facilitate safe, secure, high quality and cost effective health care.

## *Mission Statement:*

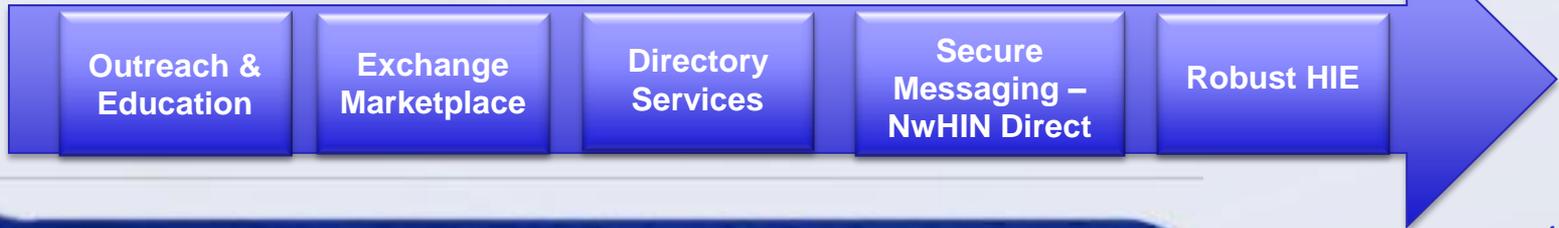
- ◆ The mission of Health Information Exchange in Arizona is to improve the quality, safety and efficiency of wellness in the Arizona population by securely connecting patients and health care providers so that relevant and understandable information is available anytime, anywhere.



# ONC Priorities & AZ Approach



## Arizona's Approach



# Goals for HIE in AZ

- ◆ ***ePrescribing Usage***
  - To exceed 40% of all eligible prescriptions being e-prescribed by year-end 2013.
  - To achieve 60% of physicians routing prescriptions electronically by end of 2013
  - To reduce by 50% the # of pharmacies no currently able to accept electronic prescriptions by the end of 2013.
- ◆ ***Electronic lab results delivery and exchange***
  - To provide 70% of all outpatient lab results to providers electronically in a structured manner by the end of 2012.
  - To Provide 60% of outpatient and inpatient results accessible by a HIE infrastructure by the end of 2012.
- ◆ ***Eliminating the white space and giving every provider at least one option for HIE***
  - To reduce HIE white spaces in Arizona by ensuring health care participation in Broadband Council BBC, beginning in 2012
  - To support and encourage community hospitals and/or health centers to connect to white space providers in their medical service areas by December 31, 2012
  - To develop an Exchange Marketplace in Arizona that provides viable options for all providers to connect to HIE services, which meet State qualifications and requirements by April 2012.
- ◆ ***CCD exchange***
  - To assess providers' capacity and capability for exchanging the elements required within the CCD standards to define gaps and barriers.
- ◆ ***Implementing NwHIN protocols for Direct and Connect***
  - By August 2012 implement the NwHIN framework to support low-cost secure data exchange options for all providers.
  - By April 2012, develop the capacity for implementing a statewide provider directory and its maintenance.
- ◆ ***Electronic public health reporting (the dates in these goals need to be confirmed by ADHS)***
  - To provide an infrastructure by which Eligible providers and/or HIE's can report administered immunizations electronically to the State's Immunization program in support of Meaningful Use Stage-1 by February 2012 and receive 2011 incentive.
  - To provide an infrastructure by which Eligible providers and/or HIE's can bi-directionally exchange immunization data electronically with the State's Immunization program in support of Meaningful Use Stage-1 by December 31, 2013.
- ◆ ***Improvements in quality, cost and efficiency***
  - To establish reporting requirements of all HIE's in the State in order to assess improvements in quality, cost and efficiency improvements by end of 2012



# Strategy & Approach for HIE

Phase	Strategy	Description	Dependency
1	Exchange Marketplace	Contract with Arizona Health-e Connection ( <a href="#">AzHeC</a> ) to develop and implement an Exchange Marketplace to certify vendors and HIEs who meet specific requirements, which enable providers to select from services that will ensure achievement of meaningful use requirements.	Contractual Agreement
1	Directory Services	Procure a vendor to provide directory services to support <a href="#">NwHIN</a> exchange protocols, connect to providers in the marketplace, and provide services to health plans and providers with regard to a robust directory of providers and healthcare entities in Arizona.	Exchange Marketplace
1	Public Health Interoperability	Develop capability to receive electronic immunization data to Arizona State Immunization Information System using the Direct push based exchange from EHRs and secure messaging.	Directory Services and Exchange Marketplace
1	Policy Development	A new HIE Policy Steering Committee will provide policy and procedure guidance for HIE in Arizona prior to the implementation of any HIO activity.	ONC Approval
2	Grants for Robust HIE	Provide financing for innovative approaches to achieve robust, secure, and standardized health information exchange in Arizona for supporting <a href="#">ePrescribing</a> , interoperability of structured lab results, sharing of patient care summaries and implementing Direct to support meaningful use for providers in the white space.	ONC Approval, Exchange Marketplace, and Policy Development
2	Outreach and Education	Contract for professional services to support opportunities to educate and inform: 1) patients/consumers of their rights and benefits under health information exchange; 2) providers of their options for and benefits of HIE; and 3) providers of the benefits of <a href="#">eRx</a> and address barriers.	Policy Development and Exchange Marketplace
2	Evaluation and Reporting Plan	Procure a vendor to develop a reporting and evaluation infrastructure for HIE in AZ, including measures of success and improvement goals, reporting requirements, data sets and elements, and reporting tools and evaluation processes.	Exchange Marketplace and Grants for Robust HIE

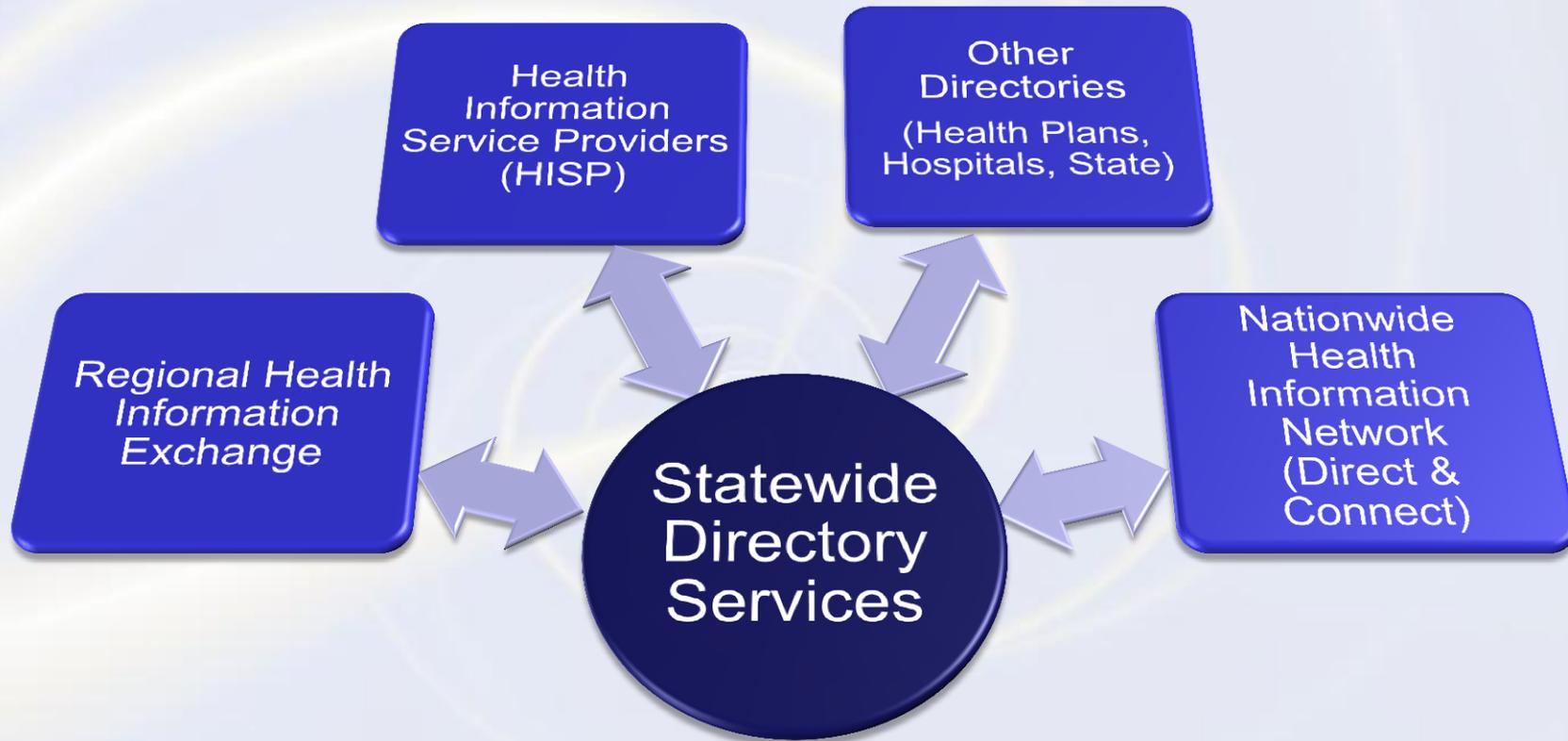


# Milestones and Timeline

- ◆ October – December 2011
  - Work with the Regional Extension Center (REC) Arizona Health-e Connection (AzHeC) to develop an “Exchange Marketplace”
  - Submitted updated Strategic and Operational Plan to ONC for approval
  - Kick-off Policy Steering Committee
  - Release “Core Services” RFP (Directory Services)
  - Complete “Exchange Marketplace” requirements for participation
- ◆ January-March 2012
  - Implement priority policies and procedures
  - Open vendor application process to “Exchange Marketplace”
  - Review Exchange Marketplace applications and select participants
  - Select “Core Services” RFP Vendor and negotiate contract
- ◆ April -June 2012
  - Open application process for “Fostering Robust HIE” sub-grants
  - Finalize evaluation plan, including measures and data/reporting requirements
  - Finalize plan for State’s ongoing role in HIE and staffing requirements



# The HIE Infrastructure



# Directory Services

- ◆ Centralized State-Level Provider Directory
  - Entity-Level Provider Directory (ELPD)
  - Individual-Level Provider Directory (ILPD)
  - Allow participants to locate and send messages to providers listed in PD
  - Directory Services vendor must work with HIE vendors participating in HIE Marketplace.
  - Demonstrate sustainability model



# Direct Messaging

## Benefits

- ◆ Physicians need to transport and share clinical content electronically in order to satisfy Stage 1 Meaningful Use requirements
- ◆ Replaces slow, inconvenient, and expensive methods (paper, fax or unsecure email) and provides a path for advanced HIE
- ◆ Low cost, low tech method for exchanging information
- ◆ Meets providers where they are along the technology adoption curve.

## Opportunities

- ◆ Offers bridge connectivity solutions for physicians in employed, highly affiliated, and loosely affiliated practices.
- ◆ Supplements other, existing methods of electronic exchange
- ◆ Acts as a stepping stone for practices toward adoption of health IT and understanding the need and benefits of a longitudinal record
- ◆ Speeds up adoption of HIE technology and functions
- ◆ Provides secure e-mail and identity services



# Next Steps

- ◆ Statewide HIE Policy Infrastructure
- ◆ Governance structure for state oversight and enforcement activities
- ◆ Reporting and evaluation metrics
- ◆ Supporting “Robust HIE”
- ◆ Outreach and education to patients and providers
- ◆ Scope development for ADHS reporting
- ◆ Sustainability plan for core services



Questions????

