



# North Dakota Health Information Technology

*Quality Healthcare for all North Dakotans - Anywhere, Anytime*



## HIT

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# Health Information Technology

## Definitions

- **Electronic medical record (EMR):** An electronic record of health-related information on an individual that can be created, gathered, managed, and consulted by authorized clinicians and staff *within one health care organization.*
- **Electronic health record (EHR):** An electronic record of health-related information on an individual that conforms to nationally recognized interoperability standards and that can be created, managed, and consulted by authorized clinicians and staff *across more than one health care organization.*
- **Personal health record (PHR):** An electronic record of health-related information on an individual that conforms to nationally recognized interoperability standards and that can be drawn from multiple sources while being managed, shared, and controlled *by the individual.*
- **Health information exchange (HIE):** The electronic movement of health-related information among organizations according to nationally recognized standards.

# HITECH: Catalyst for Transformation

## Paper records



**Pre 2009**

A system plagued by inefficiencies. 2004-Exec. Order Calling for everyone to have an EHR by 2014.

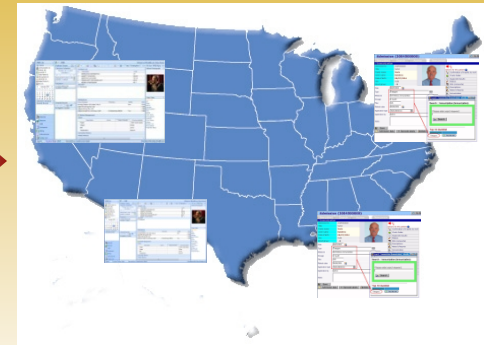
## HITECH Act



**2009**

EHR Incentive Program, State HIEs developed, Regional Extension Centers, HIT Workforce Education and Training

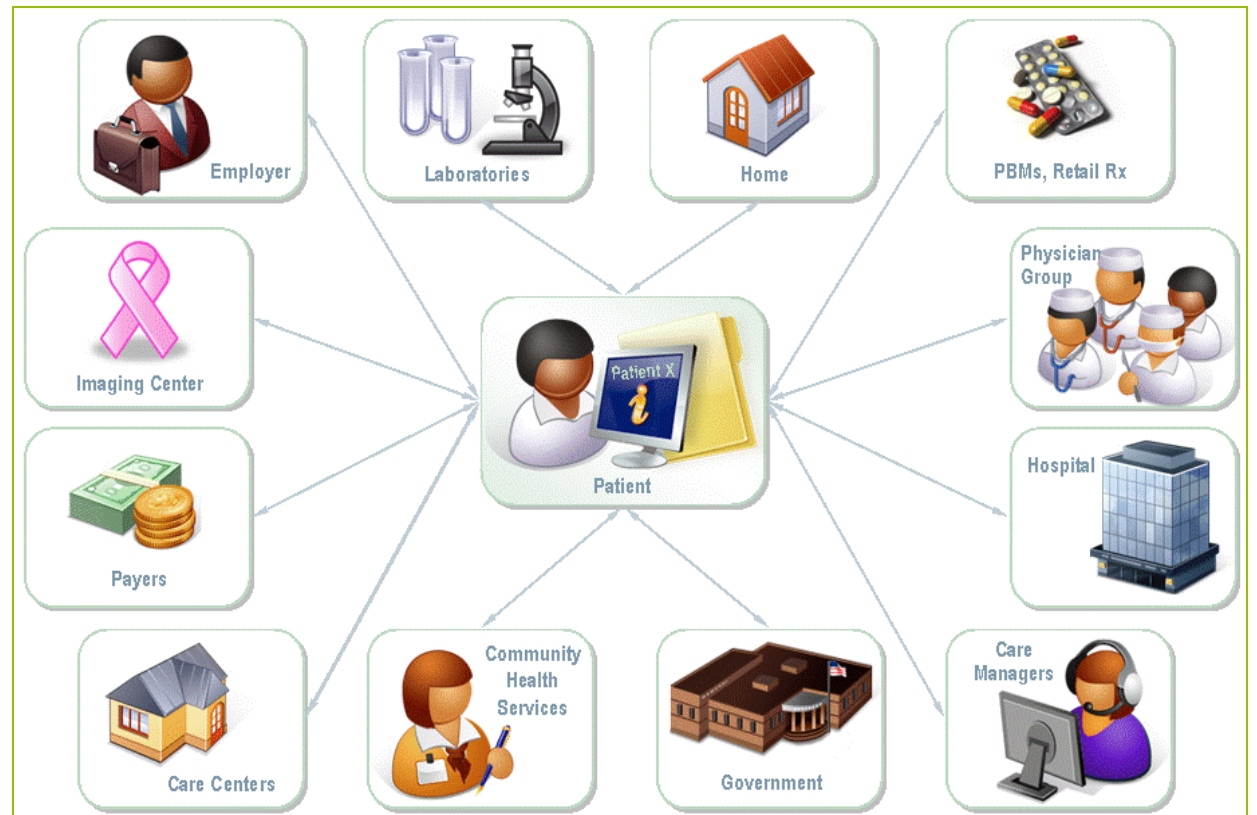
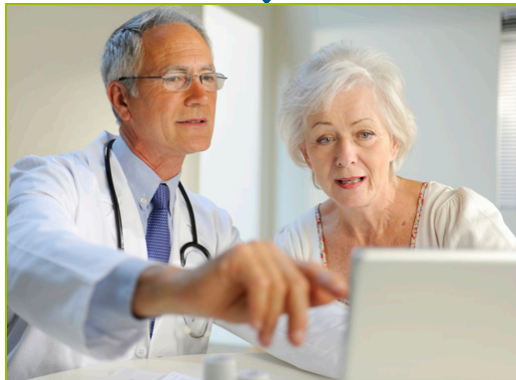
## EHRs & HIE



**2014**

Widespread adoption and meaningful use of EHRs

# Building an Interconnected, Patient-Centric Care System



# Resulting in Improved Quality, Safety and Efficiency

**Better**  
Communication and  
care coordination

**Safer**  
Treatment via  
e-Prescribing

**Faster**  
Delivery of information  
and results

**More efficient**  
Coding and billing

## Office of the National Coordinator(ONC) for HIT Funded Programs Designed to Support Achievement of Meaningful Use

**\*State Health Information Exchange (HIE)Program:** Funding and technical assistance to establish health information exchange (HIE) capacity among health care providers and hospitals in their state. Such efforts at the state level will establish and implement appropriate governance, policies, and network services within the broader national framework to rapidly build capacity for connectivity between and among health care providers.

### **Technical Assistance Regional Extension Center Program:**

ONC has provided funding for 70 regional extension centers that will offer technical assistance, guidance and information on best practices to support and accelerate health care providers' efforts to become meaningful users of Electronic Health Records (EHRs).

# **Office of the National Coordinator(ONC) for HIT Funded Programs Designed to Support Achievement of Meaningful Use**

## **Regional Extension Centers(REC) for HIT**

ONC provided funding for 70 regional extension centers that will provide technical assistance, guidance and information on best practices to support and accelerate health care providers' efforts to become meaningful users of Electronic Health Records (EHRs).

- Regional Extension Assistance Centers for HIT(REACH) for Minnesota and North Dakota
- Key Health Alliance is the lead (Minnesota entities - Stratis Health, National Rural Health Resource Center and the College of St. Scholastica). Partnering with:
  - North Dakota Health Care Review
  - Center for Rural Health, UND, School of Medicine and Health Sciences



# Who is REACH?

- Team of experienced local Health IT professionals with intimate knowledge of the North Dakota and Minnesota medical community
- Part of a national network of select organizations designated [by HHS] to assist providers with modernizing their practices with certified EHRs
- Direct, rapid and reliable access to a pipeline of key information on health IT and meaningful EHR use
- For providers who do not currently have a certified EHR system
  - We help you choose and implement one in your office.
- For providers who already have a system
  - We help eligible providers meet the criteria for incentive payments from Medicare or Medicaid for the meaningful use of certified EHRs.



# Office of the National Coordinator(ONC) for HIT Funded Programs Designed to Support Achievement of Meaningful Use

**Human Resources Workforce Training Programs** - Several distinct programs supporting the education of up to 45,000 new health IT workers to support implementation .

## **Curriculum Development Centers**

This funding opportunity, one component of the Health IT Workforce Program, will provide \$10 million in grants to institutions of higher education (or consortia thereof) to support health information technology (health IT) curriculum development.

## **Community College Consortia to Educate Health Information Technology Professionals**

The program, one component of the Health IT Workforce Program, seeks to rapidly create health IT education and training programs at Community Colleges or expand existing programs. Community Colleges funded under this initiative will establish intensive, non-degree training programs that can be completed in six months or less.

# Office of the National Coordinator(ONC) for HIT Funded Programs Designed to Support Achievement of Meaningful Use

## Human Resources Workforce Training Programs (Continued)

### Program of Assistance for University-Based Training

The purpose of this program, one component of the Health IT Workforce Program, is to rapidly increase the availability of individuals qualified to serve in specific health information technology professional roles requiring university-level training.

### Competency Examination for Individuals Completing Non-Degree Training

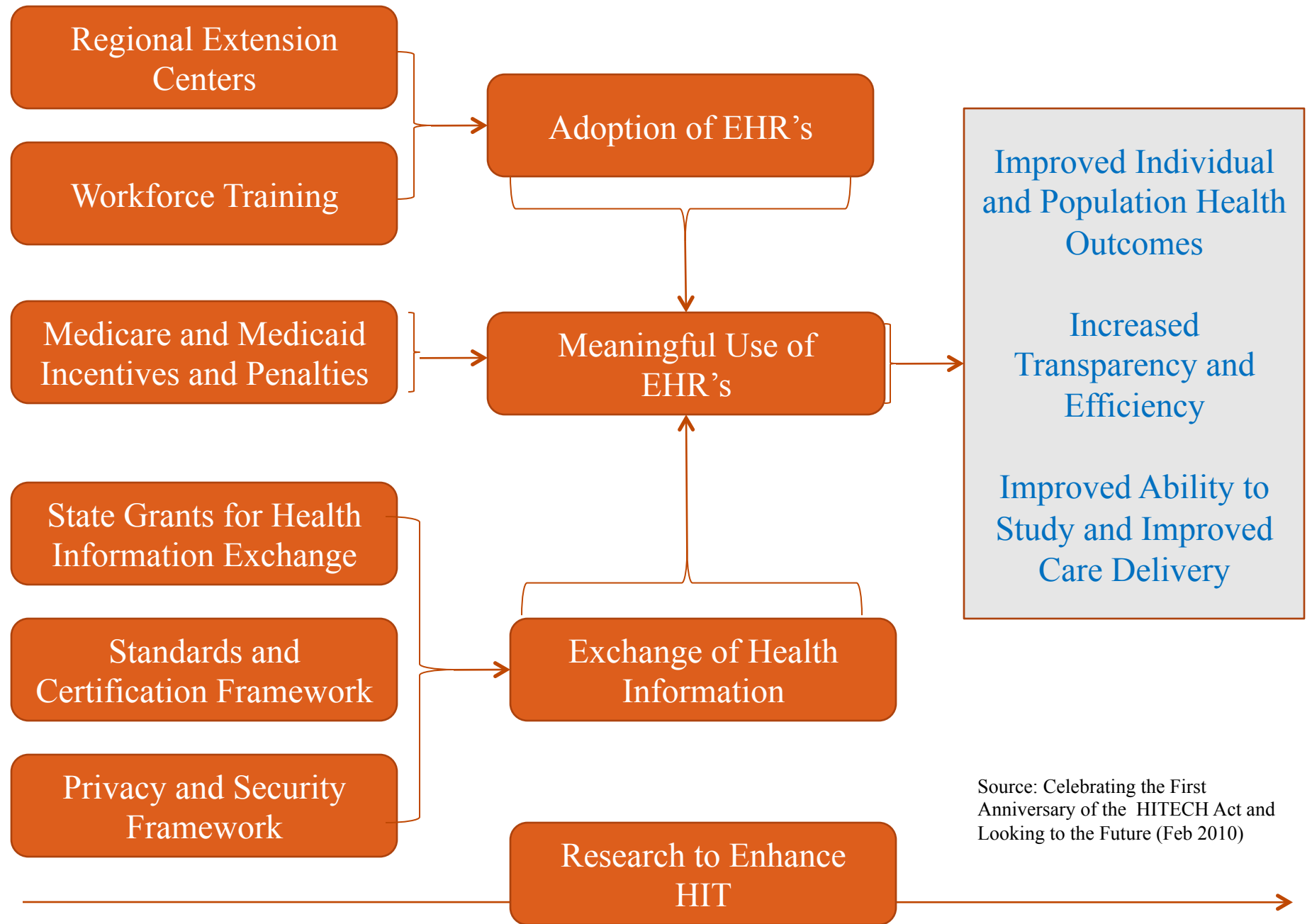
This funding opportunity, one component of the Health IT Workforce Program, will provide \$6 million in grants to an institution of higher education (or consortia thereof) to support the development and initial administration of a set of health IT competency examinations.

# Federal HITECH Funded Programs

- Medicare and Medicaid Incentives

- 2009 American Recovery and Reinvestment Act (ARRA)  
- HITECH ACT
  - Beginning 2011 – Hospitals and Providers Will be Eligible for Enhanced Reimbursement from Medicare/Medicaid for the ‘meaningful use’ of an EHR.  
Beginning 2015 - Hospitals and Providers will be penalized by Medicare if they are not using an EHR according to the “meaningful use” criteria.
- Medicare and Medicaid Programs; Electronic Health Record Incentive Program; Final Rule
  - <http://edocket.access.gpo.gov/2010/pdf/2010-17207.pdf>

# HITECH Vision



# North Dakota HIT Efforts

As a result of 2009-Senate Bill 2332

- Established Health Information Technology Advisory Committee(HITAC)
  - Four State individuals identified in legislation with remainder (public-private representatives) appointed by the Governor and State Health Officer. For a list see: <http://www.healthit.nd.gov/members/>

*Vision* - Quality healthcare for all North Dakotans anywhere, anytime.

*Mission* - Advance the adoption and use of technology to exchange health information and improve healthcare quality, patient safety and overall efficiency of healthcare and public health services of North Dakota.

- Hired ND HIT Director-Sheldon Wolf
- Established HIT Loan Program



# ND HIT Advisory Committee

- **Governor John Hoeven's Office** – *representing state government interests*
- **North Dakota Legislature** – *representing state legislature*
- **Center for Rural Health** – *representing rural healthcare facilities/communities and academic institutions*
- **ND State CIO** – *representing state government interests*
- **ND Department of Health** – *representing the Department of Health*
- **ND Department of Human Services** – *representing the Department of Human Services*
- **North Dakota Health Care Review** - *representing Quality Improvement Organization (QIO)*
- **ND Medical Association** – *representing physicians*
- **ND Healthcare Association** – *representing hospitals*
- **ND BlueCross BlueShield** - *representing third-party payer*
- **ND Health Information Management Association (HIMA)** - *representing health information management workforce*
- **Local Public Health Unit** – *representing local public health units*
- **AARP** – *representing consumers*
- **Large tertiary and small rural hospitals** - *representing hospitals*
- **Long Term Care Association** – *representing long term care*
- **EMS Association** – *representing EMS*
- **ND Attorney General's Office** – *representing government interest*
- **Liaison to the Advisory Committee Senator Kent Conrad's office** – *representing federal government*

Additional Information: <http://www.healthit.nd.gov/>

# State HIE Cooperative Agreement

- **Establish a Statewide Health Information Exchange**
  - Governance, policies & network services
  - Improve the Coordination, Efficiency and Quality of Care
  - Ability to Connect to the National Health Information Network (NHIN)
- **Status of Project**
  - Four Year Grant - ND - \$5,343,733
    - Planning – 10%
    - Intrastate Implementation – 55%
    - Interstate Implementation – 35%
  - Award Announcement – March 15, 2010
  - Project Start Date – March 15, 2010
  - Match Required by Federal Fiscal Year (10/1 to 9/30)
    - Year 1 0 for each Federal Dollar
    - Year 2 1 for each 10 Federal Dollars
    - Year 3 1 for each 7 Federal Dollars
    - Year 4 1 for each 3 Federal Dollars
- **Implementation Strategy**
  - Phase 1 - Develop HIE Strategic and Operational Plans
  - Phase 2 - HIE Implementation & Ongoing Operations

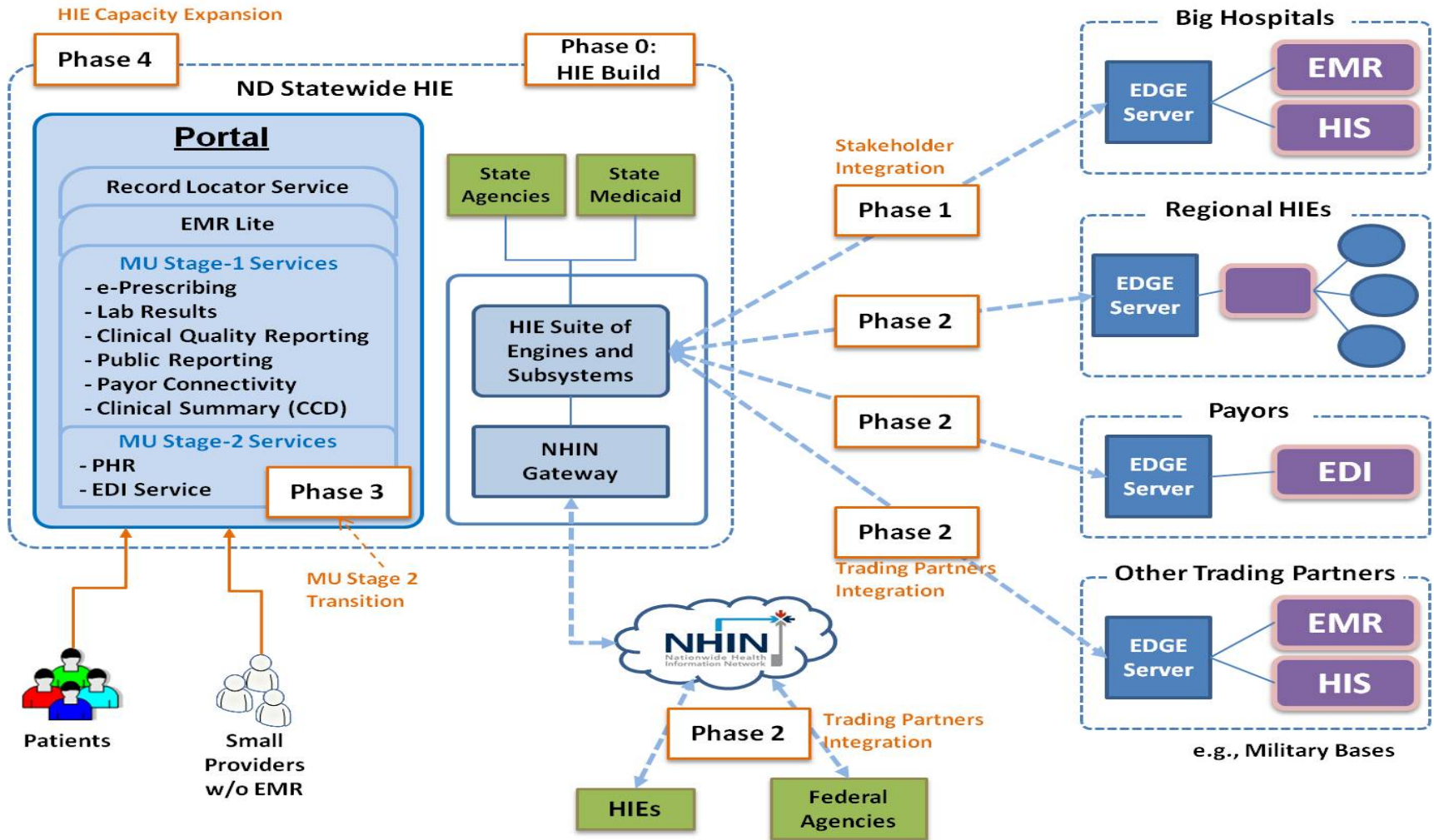


# State HIE Strategic & Operational Plans

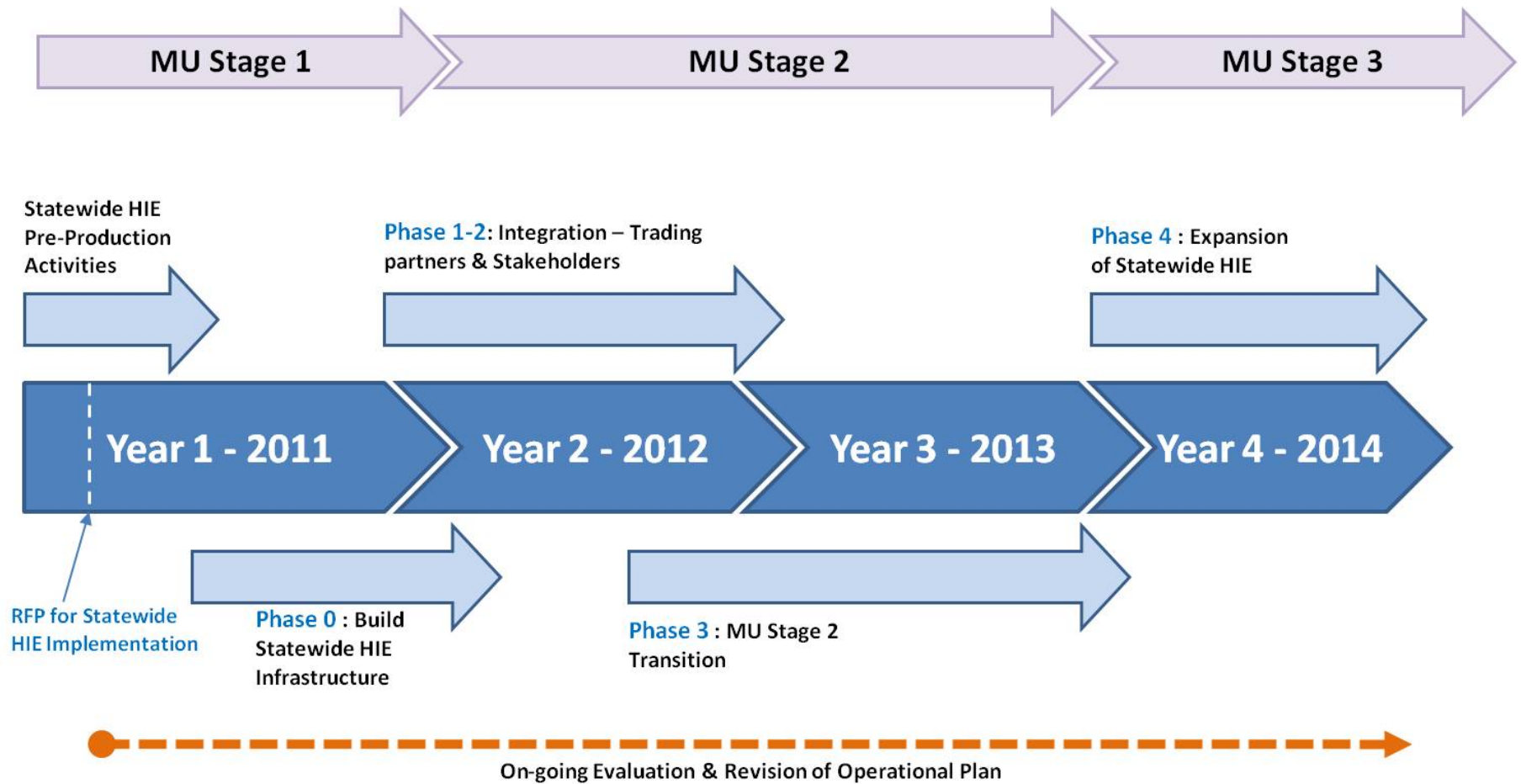
- Hielix/Mednet Consultants hired to facilitate the process
- March 11, 2010 Kick-off Meeting with HIT Advisory Committee

Deliverable	Status
Project Management Plan	Completed
Environmental Scan	Completed
Data Analysis	Completed
Initial Strategies & Goals	Completed
Market Testing	Completed
Strategic & Operational Plans	Submit to ONC on Sept. 27, 2010
ONC Approval & Final Acceptance	ONC is Reviewing <a href="http://www.healthit.nd.gov/strategic-and-operational-plans/">http://www.healthit.nd.gov/strategic-and-operational-plans/</a>

# HIE With Phases



# HIE Timeline



# DCN's CCI Broadband Project

- What is it?
  - DCN's project will upgrade the high-speed broadband access to over 175 Critical Community Institutions in North Dakota.
- How is the project Funded?
  - DCN was chosen by the federal government to receive \$10.7 million in grant dollars. To receive access to the grant dollars, DCN has committed to providing a cash match of \$4.6 Million.
- How Long will the project take?
  - DCN has committed to complete 100% of the project by August 2013.

# DCN's CCI Broadband Project

- Does this mean that we will get free or discounted service?
  - No, the grant dollars can only be used for infrastructure (fiber and electronics) to be used in order to upgrade your facilities.
- Can DCN use the funds to connect to a commercial business.
  - Only if the business is classified as a “CCI” Critical Community Institution. However, DCN and our Owner telephone companies will work with individual businesses to ensure that you have access to the most state of the art broadband access.
- Contact Information
  - Seth Arndorfer, Business Development Manager
  - 701-323-3030 Direct 701-226-2278 Cell
  - [seth@dakotacarrier.com](mailto:seth@dakotacarrier.com)

# State Assistance for EHR Implementation

## ND HIT Planning Loan Program

- \$5 Million Revolving Loan Fund (2009 Senate Bill 2332)
- Eligible Projects Include Health Information Technology
- 1% Interest Rate
- 10 Year Loan Duration, with Monthly Interest and Principal
- Process
  - Initial Application
  - On-Site Readiness Assessment
  - Bank of ND Loan Application, Review and Approval
- Information
  - HITAC Approved Funding 12 Loan Applications
  - Total Funding Request – \$7.2 Million
  - Total Project Costs -- \$16.9 Million





## Questions and Answers Thank You



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<http://www.healthit.nd.gov/>

