



North Dakota Health Care Reform Review Committee

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ND HIT Website: <http://www.healthit.nd.gov/>

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.
- **Office of the National Coordinator(ONC) for HIT:** ONC is the principal Federal entity charged with coordination of nationwide efforts to implement and use the most advanced health information technology and the electronic exchange of health information, located within the Office of the Secretary for the U.S. Department of Health and Human Services (HHS). http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov__home/1204

Information Flow

Current Flow



Information Free Flowing

Future Flow



Electronic Health Records

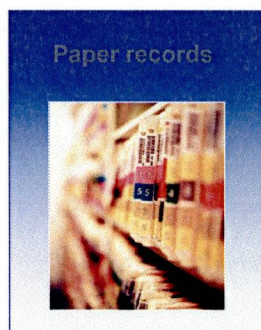


Health Information Network



Secure Exchange of Information

HITECH: Catalyst for Transformation



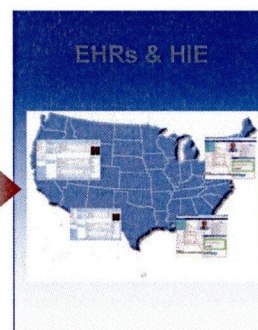
Pre 2009

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



2009

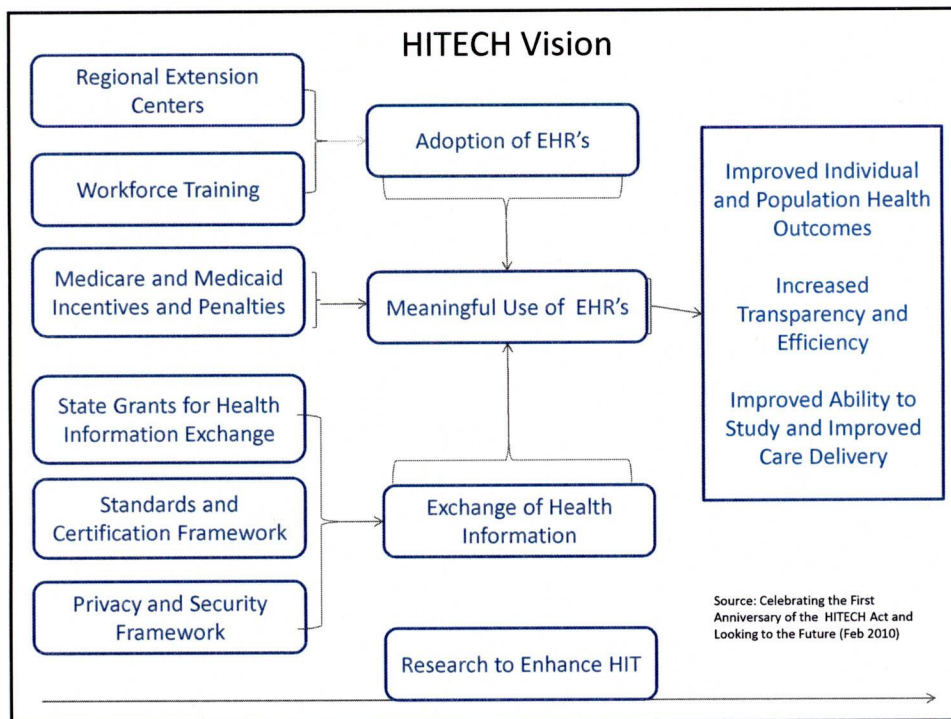
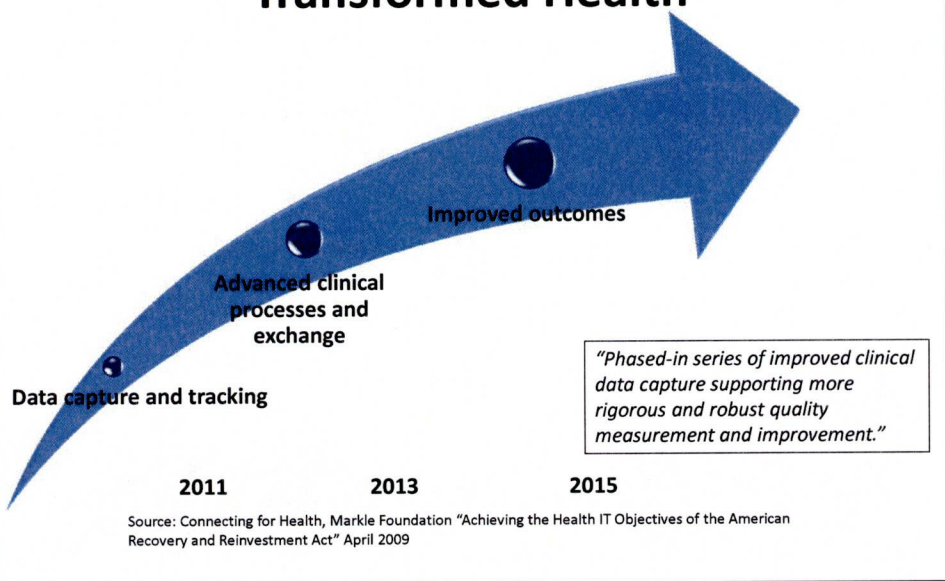
EHR Incentive Program, State HIEs developed, Regional Extension Centers, HIT Workforce Education and Training



2014

Widespread adoption and meaningful use of EHRs

Bending the Curve Towards Transformed Health



Health Information Technology Summit

April, 2006

Sponsored by:
Senator Kent Conrad
ND Health Care Review
ND Healthcare Association
ND Medical Association
Gruby Technologies
Center for Rural Health



2009 Legislative Session Final SB2332 - Passed



- Establish HIT office within Information Technology Department(ITD)
- Establish HIT Advisory Committee
- Hire HIT Director who will work under the direction of the Advisory Committee **Appropriation - \$350,000**
- Establish an electronic health information exchange fund
 - **\$8 million** will be made available to be used for the required match for State grant opportunities
- 5) Establish a revolving loan fund NOT tied to the stimulus funds

2011 HIT Legislation

- Funding for 3 FTE for state HIT Office within ITD (HIN Technical Manager, HIN Trainer and HIN technical/security/privacy)
- Renew – (\$5 million) State Loan Program plus an additional \$5 million
- Continue – (\$8 million) for required federal match and operating the HIE
- Changes to HITAC



Health Information Technology Advisory Committee

- * Chair-Lisa Feldner, CIO State of North Dakota, Information Technology Department
- * Vice-Chair-Lynette Dickson, Associate Director Center for Rural Health, UND School of Medicine and Health Sciences
- * Barb Groutt, CEO North Dakota Healthcare Review
- Courtney Koebele, Director of Advocacy North Dakota Medical Association
- * Craig Hewitt, CTO Sanford Health System, Fargo
- * Dan Kelly, CEO McKenzie County Healthcare System
- Dave Molmen, CEO Altru Health System/Chair Hospital Association
- Janis Cheney, Executive Director AARP
- Jennifer Witham, IT Director North Dakota Department of Human Services
- Jerry Jurena, President North Dakota Healthcare Association
- Jim Long, CEO West River Health Systems
- Jon Rice, MD Consumer Representative
- Laurie Peters, RHIT, Past-President North Dakota Health Information Management Assoc.
- Lisa Clute, Executive Officer First District Health
- * Pradeep Goel, CIO BCBS of North Dakota
- * Nancy Willis, Medicaid HIT Coordinator NDDHS-ITS
- Neil Frame, Operations Director Metro Area Ambulance
- Representative Robin Weisz North Dakota Representative
- Senator Judy Lee North Dakota Legislature
- Shelly Peterson, President Long-term Care Association
- Tami Wahl, Sr. Policy Advisor-HHS Governor's Office
- Terry Dwelle, MD, State Health Officer North Dakota Department of Health
- Todd Bortke, CIO St. Alexius Medical Center
- * Executive Committee



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 in North Dakota.

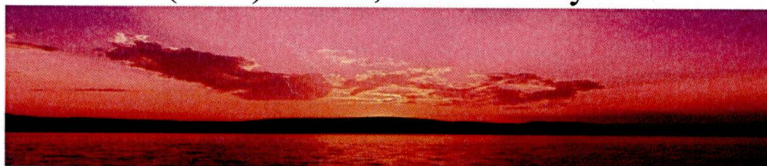
VISION

*Quality Healthcare for all
North Dakotans – Anywhere, Anytime.*

Website: www.healthit.nd.gov

Current HITAC Domain Work Groups

- Finance – Chair, Tim Blasl
- Technical – Co-Chairs, Craig Hewitt and Chad Peterson
- Communication & Education – Chair, Laurie Peters
- Clinical – Co-Chairs, Lynette Dickson & Dr. David Hanekom
- Policy – Co-Chair, Nancy Willis & Jenny Witham
- Consumer (TBD)– Chair, Janis Cheney



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

HIE Strategic & Operational Plan

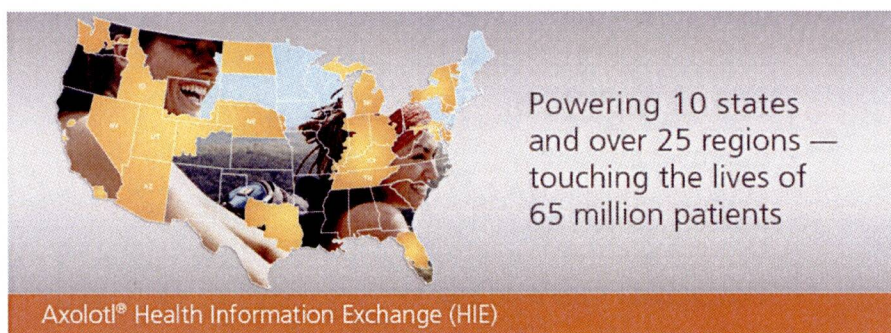
Benefits of a statewide HIE Identified in Environmental Scan

- Continuity of care
- Improved quality of care
- Decreased errors
- Reconciliation of medications
- Reduce duplicate procedures and tests
- Lower costs
- Increased efficiencies

HIE Strategic & Operational Plans

- Initial Offering
 - Patient demographics
 - Chief complaint/condition
 - Medications
 - Allergies
 - Latest lab/Images
 - Immunizations

Axolotl



Phased Implementation



- Phase 1
 - Implement Direct
- Phase 2
 - Implement more robust exchange of data in a test environment
- Phase 3
 - Rollout data exchange statewide

The Direct Project:



Secure Internet-based Point-to-Point Messaging



b.wells@direct.aclinic.org

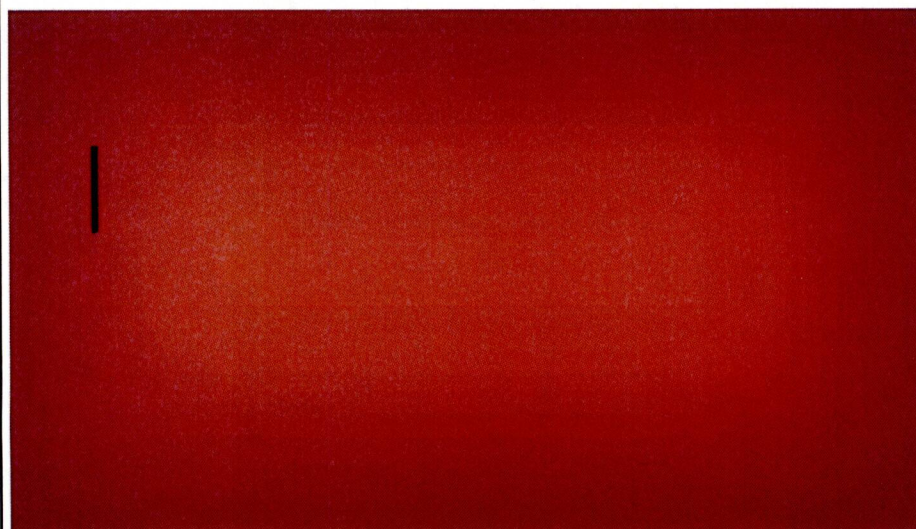
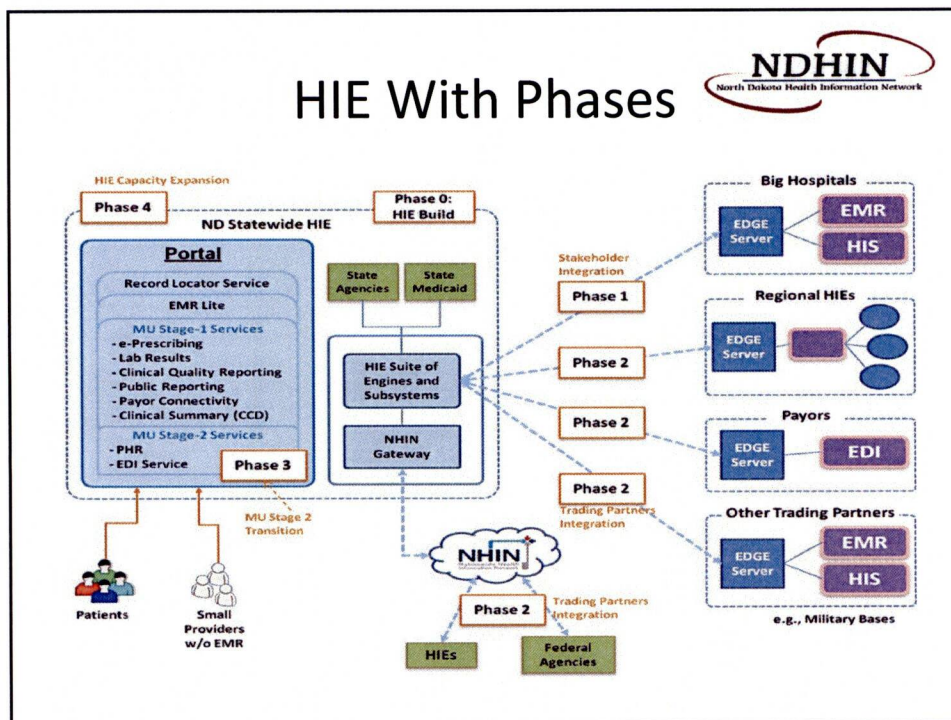
Direct Project specifies a simple, secure, scalable, standards-based way for participants to send encrypted health information directly to known, trusted recipients over the Internet.



h.elthie@direct.ahospital.org

- Simple. Connects healthcare stakeholders through universal addressing using simple push of information.
- Secure. Users can easily verify messages are complete and not tampered with in travel.
- Scalable. Enables Internet scale with no need for central network authority.
- Standards-based. Built on common Internet standards for secure e-mail communication.

HIE With Phases



Questions?



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