



Community Betterment through HIE

Nebraska Engaging Community Stakeholders to Create a Sustainable, Large-Scale HIE



1

Overview

- Project History
- Mission, Vision, Goals, Principles
- Stakeholder Value Statements
- NeHII Org Structure
- Project Milestones
- Axolotl Selection
- Funding – Start-up and Ongoing
- Omaha Pilot Details
- Summary



NeHII History

- April 2004...in executive order, President Bush calls for nation wide electronic medical records
- Nebraska Biomedical Informatics Project (NBIP) sees potential for economic growth in the development of a statewide health information exchange...Promote higher quality, safer, & more cost effective care; healthier Nebraskans
- January 2005...initial discussions convened between NBIP, NMA, NHA, and BCBS NE.



NeHII History - Continued

- March 2005...Initial meeting and formation of the “Collaborative”...the original stakeholder group
- Consultant - Health Alliant chosen
- Several meetings to develop concept, model and priorities
- Business plan version 1.0 developed in 2006



NeHII Stakeholders

- BCBS NE
- ALEGENT HEALTH
- NEBRASKA MEDICAL CTR
- METHODIST HOSPITAL
- CREIGHTON UMC
- BRYAN-LGH
- ST. ELIZABETH'S
- ST. FRANCIS
- COLUMBUS COMM.
- FREEMONT MEDICAL CTR
- FAITH REGIONAL
- MARY LANNING
- GOOD SAMARITAN
- CHILDREN'S HOSPITAL
- GREAT PLAINS REGIONAL
- NHA
- NMA
- NPA
- NE TELE HEALTH
- OFFICE OF RURAL HEALTH



NeHII Turning Point

- Late 2006 Significant Struggle on Value and Funding Model
- March 2007 Decision Accelerator Held with all Stakeholders and Others
- Decision Made to Pilot Concept
- Bass & Associates engaged May 2007
- Ask For Forgiveness, Not Permission



NeHII, Inc. Mission

- To provide Nebraska a system for the secure exchange and use of health information



7

NeHII, Inc. Vision

- To be a leader in the secure exchange of health information enabling a healthier Nebraska



8

NeHII, Inc. Goals

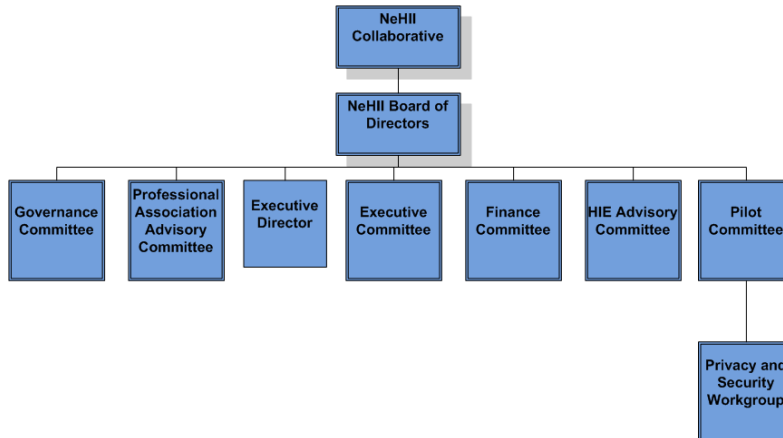
- **Sharing timely and accurate patient health information in a secure environment to improve patient care**
- **A seamless electronic medical system driven by patients who give doctors access to their health information to take good care of them**



Stakeholder Value Statements

- **Consumers**
- **Physicians**
- **Healthcare providers**
- **Employers**
- **Health Plans**
- **Labs**
- **Pharmacies**
- **Public Health**

NeHII, Inc. Organizational Chart



Significant Milestones Achieved

- June 2007: Project plan and charter
- Oct. 2007: RFP released
- Jan. 2008: RFP responses received
- March 2008: Vendor demos
- April 2008: Articles of Incorporation filed with election of Board and officers
- June 2008: Santa Cruz site visit
- July 2008: LOI with Axolotl



Significant Milestones Achieved

- August 2008: www.nehii.org released
- Sept. 2008: CEO site visit to Rochester, NY RHIO
- Oct. 2008: Axolotl User Group presentation, business plan version 3.1
- Nov. 2008: Executed agreement with Axolotl & security/privacy policies finalized



The Axolotl Solution

- Cost effective ASP model
- Complete solution including EMR Lite
- Industry leader
- Longest existing RHIO – Santa Cruz
- Others include:
 - Rochester
 - Idaho
 - Grand Junction
 - Cincinnati



NeHII, Inc. Seed Capital

- Health systems
- Payers
- Physicians
- Governmental
- Grants
- Foundations
- Business



NeHII, Inc. Sustainable Business Model

- Paramount
- Community betterment approach
- 501(c)3, tax exempt
- Licensing fees/ Class B membership dues
- Public/private partnership
- Foundational & grant funding
- State government participation



NeHII Pilot Overview

- **Omaha Based for Initial Pilot**

- **Participants**

- Alegent Health
- Methodist Hospital
- Nebraska Medical Center
- Children's Hospital
- BCBS of NE
- Independent Diagnostic Center
- Reference Labs
- Pharmacies
- 50(+) Physicians (Employed and Independent)



17

NeHII Pilot Principles

- **Focus on needs of physicians and what's best for patient care**

- **Agree to share all data**

- **NeHII (HIE) becomes source of data**

- Eliminate need to log into multiple systems
- Hospitals no longer differentiate on IT access
- HIE only option for payers to access data

- **Potential for NeHII to be integration link for all physician IT systems**



18

NeHII Pilot Timing

- Exchange of test data – November 2008
- Pilot Testing – January to March 2009
- Pilot Evaluation – April 2009
 - Include visit by Governor
 - Invite other original stakeholders
- State wide rollout to follow beginning in May/June 2009



19

NeHII Pilot Study

- Hybrid federated model using edge servers
- ASP Model using Internet Access
- MPI (master patient index)
- RLS (record locator service)
- Eligibility verification
- EMR Lite
- ePrescribing
- Clinical Messaging, including dictated reports
- Lab & X-ray results
- Medication record
- Physician referral
- Immunization record
- Opt out approach



NeHII Pilot – Major Efforts

- **Development of Interfaces**
- **Building the MPI**
- **Mapping of Data**
- **Validation of Data**
 - Involves Lab and other departments
- **Privacy and Security Policies**
- **Participant Opt Out Process**
- **Business Associate agreements**
- **Participant agreements**



21

NeHII, Inc. - Summary

- **Clear goals and objectives**
- **Physician driven**
- **Patient/Consumer centric**
- **Private and secure**
- **Transparent**
- **Broad stakeholder engagement**
- **Value for all stakeholders**
- **Time to market**
- **Proof of concept/value important**

