



Community Betterment Through HIE

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

Jackie Goss

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Overview

- What is NeHII
- Project Milestones
- Business Model
- Financial Model
- Nebraska Leading the Way
- Questions

What is NeHII

- State-Wide Health Information Exchange
 - Connects hospitals, physicians, labs, pharmacies, and payers
- Provides electronic medical records to physicians who do not have them
 - EMRLite with ePrescribe
- Community Betterment Initiative

What is NeHII

- One of the first state-wide HIEs in the country
- One of the largest HIEs in the country
 - 4 health systems in the initial pilot
- One of the first to offer full functionality
 - Clinical messaging, Referral, eRx
- One of the most efficient in the country
 - State-wide implementation total to be \$8.54M

NeHII, Inc.

- HIPAA compliant
- Opt out platform
- Pilot Functionality
 - Clinical Messaging – Lab & X-ray
 - ePrescribing
 - Physician referral
- Future Enhancements
 - Public Health
 - PHR
 - Quality Analytics Reporting
 - Determined by “Meaningful Use”

NeHII, Inc. Implementation

- Hybrid federated model
 - Data providers use EdgeServers
 - Each data provider has own EdgeServer
 - Data populated via HL7 through VPN
- Provider Access via Internet (ASP model)
- Indexing within Interoperability Hub
 - MPI (master patient index)
 - RLS (record locator service)
- Eligibility verification

NeHII History

- April 2004 President Bush Executive Order
- Nebraska Biomedical Informatics Project (NBIP)
- January 2005 - Initial Discussions Convened between NBIP, NMA, NHA, and BCBS NE.
- Business plan version 1.0 (Health Alliant)

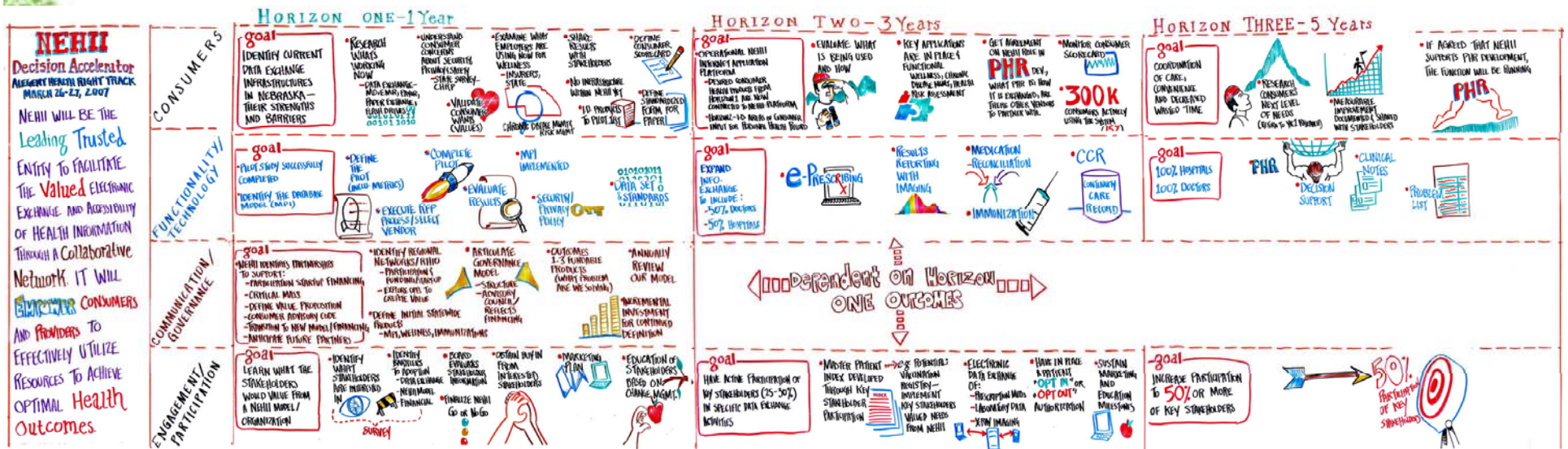
NeHII Turning Point

- March 2007 - Decision Accelerator – Strategic Planning



NeHII Turning Point

- March 2007 - Decision Accelerator – Horizon Map



NeHII Turning Point

- Bass & Associates engaged May 2007
- Ask For Forgiveness, Not Permission

Significant Milestones Achieved

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

Significant Milestones Achieved

- August 2008: www.nehii.org published
- 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

Significant Milestones Achieved

- January 2009 – Data Migration Work Commences
- February 2009 – Operational Manual Created
- March 2009 – Pilot begins

Significant Milestones Achieved

- June 2009 – Pilot Completes
- July 2009 – Statewide Implementation
- Sept 2009 – Officially Selected as Statewide Designated Entity for HIE by Gov. Dave Heineman

September 10, 2009]

David Blumenthal, MD, MPP
National Coordinator for Health Information Technology
Department of Health and Human Services
200 Independence Avenue, S.W.
Washington, DC 20201

Dear Dr. Blumenthal:

The State of Nebraska intends to apply to participate in the State Health Information Exchange Cooperative Agreement Program. The State will be the prime recipient with the Nebraska Health Information Initiative (NEHII) serving as the official State Designated Entity (SDE) for the program.

Stakeholder Engagement - Ripples in the Pond...



NeHII, Inc. Business Model

- **Non-Profit NE Corporation**
 - Pursuing 501(c)3 Status
- **Managed by Board of Directors**
- **Operations**
 - Funded by License Fees Paid by Participants to NeHII, Inc.
 - Sustainable
- **Implementation**
 - Funded in part via Class B Membership Fees (one-time)
 - Additional funds sought for state-wide rollout to rural areas

NeHII, Inc. Licensing Model

- Licenses
 - Type
 - Physician/Staff
 - Data Provider
 - Hospital
 - Office EMR
 - Health Plan
 - Lab/Radiology
 - HIE/RHIO
 - Subscription
 - Transaction
- Based on size of facility

NeHII, Inc. State-Level Involvement

- Participation
 - eHealth Council
 - ePrescribing Panel
 - Public Health Panel
 - PHR Panel
- Privacy and Security
 - Privacy Policies Complete
- Committees
 - HIE Advisory, Professional Association, Consumer Advisory, and others

Educating Consumers

Why NeHII?

Sharing your health information can help reduce your costs by eliminating duplication of tests and procedures.

IMPORTANT NOTES:

Your decision to opt out of NeHII will not affect your ability to receive health care. Participating in NeHII is not a condition to receiving care. However, if you opt out, it may affect the information available when receiving your care.

Your decision to opt out of NeHII applies only to information shared through NeHII it does not affect the sharing of other health information between your providers or health insurers.

How can I opt out?

You may opt out and not participate in NeHII in two ways:

- 1) Complete the information slip provided here and return the form to your health care provider or NeHII;
- 2) You can access the opt-out tool at www.nehii.org.

Your opt-out decision cannot be implemented until after your first visit as a patient. Until then, NeHII has no health record for you.

Can I exclude certain records from my health insurer or providers?

No. NeHII is not able to exclude specific visits, tests or episodes of care or to prevent access by specific providers or health insurers. Choosing not to participate generally means that participating providers and health insurers cannot access any of your health information through NeHII.

Whichever decision I make, can I later change my mind?

Yes. If you decide to participate in NeHII now, but later change your mind and want to opt out, you can. Ask your provider for information, or access the opt-out tool at www.nehii.org.

Form 9302 rev. 7-15-09

If you decide to opt out, you can also revoke that choice. Call the NeHII help line, or visit the NeHII website or talk to your provider for help. Be aware that when you revoke your earlier decision to opt out, all of the information that has been gathered by participating providers and health insurers since you opted out will be available for sharing through NeHII.

To get help understanding NeHII and your rights, and to get the most current version of this brochure:

- Call the NeHII help line: 402-449-2187;
- Visit the NeHII website: www.nehii.org
- Talk to your participating provider or health insurer.

Note: NeHII and the participating providers and health insurers reserve the right to change policies and the information in this brochure over time. Check the NeHII web site for the most current version and information.

Complete and return to your provider only if you wish to opt out:

I DO NOT WISH TO PARTICIPATE IN NeHII: Please print clearly.

Name: _____

Address: _____

Date of Birth: _____

Phone: _____

Signature: _____

Date: _____

Please allow five (5) business days for your opt-out request to be processed. For the most current version of this information visit the NeHII website at www.nehii.org; or call the NeHII Helpline and a current copy will be sent to you.

NeHII...

Sharing Information for Better Healthcare

Participating in the Nebraska Health Information Initiative ("NeHII") is voluntary. However, your health information will be included in NeHII unless you opt out. Please read this notice carefully and decide if you want to participate. It is your information and your choice.



Educating Consumers



NeHII is a statewide, Web-based, health information exchange. NeHII is sponsored by Nebraska physicians, hospitals/clinics and health insurance companies that utilize your information for treatment and payment.

Some Benefits of NeHII:

- Improves coordination of care
- Provides greater prescription safety
- Reduces duplicate medical procedures
- Empowers consumers through better education
- Simplifies benefit processing

Why NeHII?

Participating doctors can quickly obtain your health information, such as lab and x-ray results, from participating providers who have treated you in the past.

NeHII...the Bottom Line

Health care providers need your health information to accurately diagnose and treat you. Each of your providers may have different portions of your medical record. If they can access each other's records and see more complete health information, they can provide you with better care.

FREQUENTLY ASKED QUESTIONS:

How is health information currently shared?

Today, your health information may be shared between health care providers and insurers by telephone, fax, mail, or through limited computer networks. These processes take time and may impose a burden on you or your provider but still not provide a complete record. NeHII automates the process of searching and allows participants to locate records in minutes.

Access to your information can be critical in an emergency and may give your provider a more complete and accurate health record.

Who will have access to my health information?

Many Nebraska providers and health insurers participate in NeHII. You can obtain a current list on the NeHII website at www.nehii.org. All access by participating providers (including doctors, hospitals and pharmacies), health insurers, and their staffs and contractors, is on a need-to-know basis for treatment and claims payment.

What health information will be shared?

- Lab and x-ray results
- Medication and immunization history
- Transcribed diagnostic and treatment records
- Records of allergies and drug reactions
- Other clinical reports created after the start date of NeHII in 2009

Older health records will not be available through NeHII.

Participating providers will generally not share records related to:

- Alcohol or substance abuse treatment programs
- Emergency protective custody proceedings
- Predictive genetic testing performed for genetic counseling
- HIV testing
- STD testing or treatment of minors consented to by the minor
- Mental health treatment in Iowa.

However, information about test results may be available or referred to elsewhere in the record.

Why NeHII?

Participating doctors, hospitals and pharmacies can quickly verify your insurance coverage by checking your enrollment status with participating health insurers.

How is my privacy protected?

NeHII and participating providers and health insurers use a combination of safeguards to protect your health information. Technical safeguards include encryption, password protection, and the ability to track every viewer's usage of the system.

All participating providers and health insurers must agree to follow written policies controlling access to information through NeHII. Participating providers and health insurers are also regulated by federal and state privacy laws. Participants must also have their own policies and safeguards in place, including policies to train staffs and limit access to those with a need to know the information.

Why NeHII?

Participating health insurance companies can electronically access information needed to process your claim—faster and more accurately.

Are there privacy risks?

While participating providers and health insurers believe the potential benefits outweigh the risk, there is always a chance that safeguards in place will not work and that someone will obtain, view or use your health information for impermissible purposes.

No system of safeguards is perfect – neither NeHII's nor those currently employed by your providers or health insurers. Although NeHII can audit and identify each authorized user who has accessed your record, this cannot prevent all unauthorized access.

Can I choose not to participate in NeHII?

Yes. "Opting out" of participation in NeHII is a personal decision you must make. If you opt out, your health information will not be available for sharing through NeHII, with these exceptions:

- Your name, address, gender and date of birth
 - Your opt-out status
- Your doctors will also be able to see your health information in their exclusive electronic medical records.

Nebraska Leading the Way

- Featured Presenter – HIMSS RHIO Chapter Liaison Roundtable Call – December 18
- Featured Presenter – eHealth Initiative Connecting Communities Webinar – January 12
- HIMSS RHIO Connect Newsletter
- Featured Presenter – Axolotl User Conference and webinars
- Article – nhinwatch.com
- Various other nationwide articles
- State-to-State Collaboration

What's Next in HIE?

- New model is evolving
 - Moving from sustainability to generating a revenue stream
 - A balanced income statement
 - ONC to hold HIEs accountable for the \$

NeHII, Inc. Contact Information

- Dr. Harris Frankel
- Deb Bass
- Chris Henkenius
- www.nehii.org

NeHII, Inc. Bass & Associates, Inc.

- Contact Information

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