

CONNECTING FOR CARE THROUGH HEALTH INFORMATION EXCHANGE:

Secure & Meaningful Exchange of Health Information Over the Internet




Presented by:
Judy Murphy, RN, FACMI, FHIMSS
Vice President, Information Services
Aurora Health Care, Milwaukee, WI
- and - HIMSS Board of Directors

Slides excerpted, with permission,
 from a presentation by **Doug Fridsma, MD, PhD**
 Acting Director, Office of Interoperability and Standards, Office of the National Coordinator



Key Direction from NHIN Workgroup

- » Meaningful use criteria in the proposed CMS rule require exchange of health information among providers and with patients **to improve quality, safety, and efficiency of care, patient engagement, coordination of care, and population health.**
- » The NHIN should support achievement of **Meaningful Use** in 2011 and beyond.
- » Stage 1 criteria involve **secure, direct communication of patient data** among providers and with patients. For example:

Doctor ↔ Consultant	 	§170.304 (i) – Exchange clinical info & summary record
Lab ↔ Doctor	 	§170.302 (g) – Receive lab results
Doctor ↔ Hospital	 	§170.304 (i) – Exchange clinical info & summary record
Doctor ↔ Patient	 	§ 170.304 (h)(2) – Provide electronic clinical summary

What is the NHIN?

A set of **policies**, **standards** and **services** that enable the Internet to be used for secure and meaningful exchange of health information to improve health and health care.

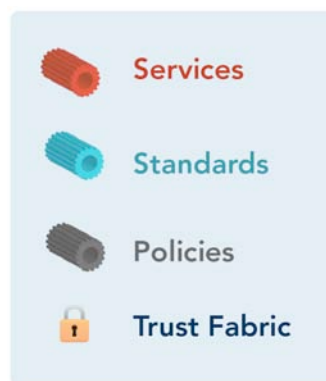


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What is the NHIN Direct Project?

An ONC-sponsored initiative that will explore the set of **policies**, **standards** and **services** to enable simple, direct transport over the Internet (between people who know each other) to be used for secure exchange in support of meaningful use.



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Let's Be Clear...



Nationwide Health Information Network

The active use of standards and services
within a policy framework for health information exchange nationwide

NHIN gateway
Specifications

NHIN CONNECT
Software

NHIN limited production
Exchange

NHIN Direct
Project

- » NHIN Direct is a **project**, with a beginning and end, to draft the specifications and services that address simple, direct communications between known participants (through a Trust Enabling Organization which may be an HIO).
- » When implemented, within a policy framework, health service providers and HIOs will not be using NHIN Direct, but will be using the NHIN specifications to satisfy the use cases of simple, direct communications between known participants.

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Why the NHIN Direct project?



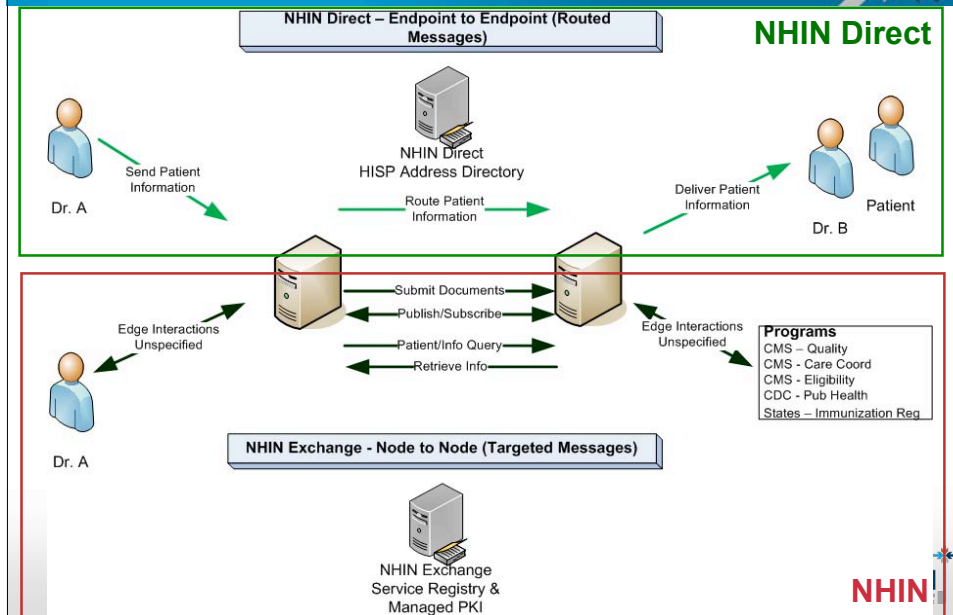
- » There is a need to support a broader set of participants and providers in information exchange so they can meet meaningful use requirements
- » The goal is a simple, standards-based, widely deployed and well-supported method for providers to securely transport health information using the Internet in support of the core Meaningful Use use cases
- » This effort is complementary to the current NHIN model: **both** NHIN Direct **and** the current NHIN model will be needed to support nationwide health information exchange



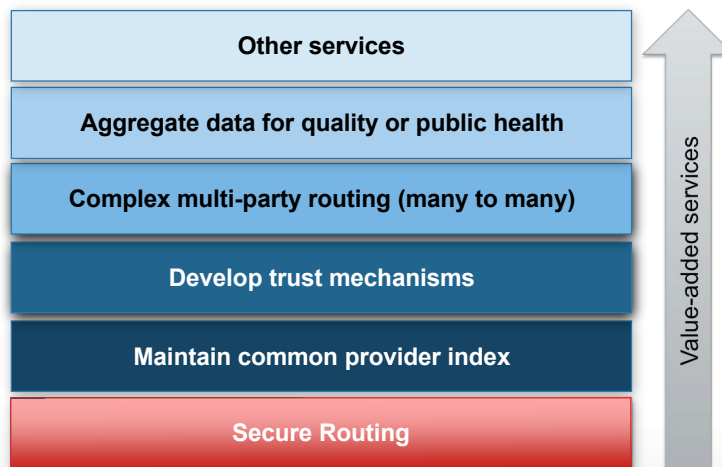
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Difference between NHIN and NHIN Direct



NHIN Direct will Only Solve One Part of the Puzzle



Core Use Cases

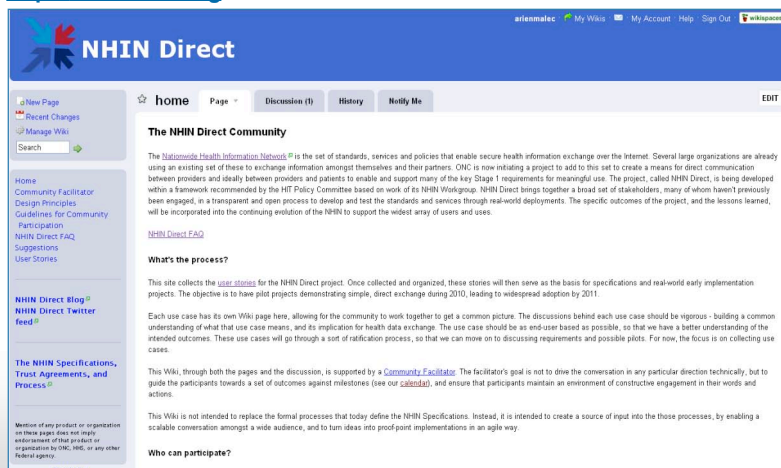
-  →  » Primary care provider refers patient to specialist including summary care record
-  →  » Primary care provider refers patient to hospital including summary care record
-  →  » Specialist sends summary care information back to referring provider
-  →  » Hospital sends discharge or continuity of care information to referring provider
-  →  » Laboratory sends lab results to ordering provider
-  →  » Includes intra-regional and trans-regional cases (e.g., secondary or tertiary care facility coordination of care with primary care provider)

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NHIN Direct Project

- » Open, transparent collaborative process,
- » Include use of wikis, blogs, open source and open content
- » <http://nhindirect.org>
- » First phase grounded in real-world implementation in 2010
- » Follow key rules of HIT Standards Committee Implementation Workgroup



The screenshot shows the NHIN Direct website interface. At the top, there's a navigation bar with 'home', 'Discussion (1)', 'History', and 'Notify Me'. Below this, the main content area is titled 'The NHIN Direct Community'. It contains introductory text about the project's goals, a 'What's the process?' section, and a 'Who can participate?' section. A sidebar on the left provides links to various resources like 'Home', 'Community Facilitator', and 'NHIN Direct Blog'.

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Learn More about NHIN and NHIN Direct



NHIN

Email: nhin@hhs.gov Web: <http://healthit.hhs.gov/nhin>

NHIN Direct

Email: Arien.Malec@nhindirect.org Web: <http://nhindirect.org>

Email: Doug.Fridsma@hhs.gov