

Illinois Health Network

The 14th Global Grid Forum

Chicago, Illinois
June 27, 2005



Illinois Health Network

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Agenda

- Health Information Technology Background
- Patient Centered vs. Consumer Centered Health Care
- US Government & HIT
- Roles of the Illinois Health Network
- Potential Applications on the IHN
- Talisen Technologies



From Patient Centered

■ “Health care is kind of like a rental car, you never wash it.”



To Consumer Centered

■ Goal is to Create a More Intelligent and Proactive U.S. Healthcare System.



To Consumer Centered

- Who is the Only Person Concerned About Your Health When You're Healthy?
- Prevention and Wellness System
 - [WWW.HealthTransformation.net](http://www.healthtransformation.net)
 - [WWW.RealAge.com](http://www.realage.com)
 - [WWW.iHealthRecord.com](http://www.iHealthRecord.com)



Dentistry vs. Health Care

■ Dentistry

- Limited Options--Extractions
- 20th Century Fluoride in the Water
- Cleaning Teeth

■ Health Care

- Disparity in Technology
- Disparity in Health Information



Health Information Technology (HIT) Landscape

June 13, 2005

The Secretary of Health and Human Services, Michael O. Leavitt, and National Coordinator for Health IT, Dr. David Brailer, both announced the formation of an American Health Information Community (AHIC) and the release of four requests for proposal (RFPs) designed to advance interoperability of health information and achieve widespread adoption of HIT.



AHIC

- The Federal Government Will Charter a Market-based, Public-Private Effort to Advise the Industry on Building and Adopting Health-Information Technology Standards.



AHIC

- “The AHIC will help nationwide transition to electronic health records – including common standards and interoperability – in a smooth, market-led way. The AHIC, which will be formed under the auspices of the Federal Advisory Committee Act, will provide input and recommendations to HHS on how to make health records digital and interoperable, and assure that the privacy and security of those records are protected.”



AHIC Goals

- Recommending ways to safeguard patient privacy and ensure the security of electronic data;
- Prioritizing health-IT "achievements" such as laboratory reporting and public health surveillance tools; helping the industry develop a process for private-sector standards
- Identifying a process for product certification



A Need for Health Privacy

- A 1999 California HealthCare Foundation survey showed that 1 of every 6 Americans withdraws from full participation in their health care out of fear that their information will be used without their knowledge or permission.
- www.healthprivacy.org



Privacy Concerns and EHRs

- 70% of Americans are concerned that the personal health information could be disclosed due to weak security.
 - 65% are concerned that some people will not disclose important information because of computerized records
 - 47% say privacy outweighs EHRs
-
- www.healthprivacy.org





ILLINOIS HEALTH NETWORK

*Enabling secure
exchange of health and
business information*

IHN Member Login

Username

Password

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password?](#)

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Featured Member Partners



KATHERINE SHAW BETHEA HOSPITAL

Established 1897



The Illinois Health Network (IHN) is a web-based solution for the secure exchange of data and information, including patient health information. The IHN supports the data exchange needs of hospitals, physicians, laboratories, long term care facilities, providers of public health and mental health services, pharmacies, and all health and social services providers that need a secure communication infrastructure.

The Illinois Health Network can support unlimited services and applications with HIPAA-compliant, secure remote access. Examples include:

- secure messaging between hospitals, physicians and other health professionals regarding patients' care, laboratory reports, radiology reviews and PACS support, pharmacy needs, and all related administrative functions
- secure, single login access patient health information for health care providers from any location, at any convenient time
- business software applications, enabling aggregation of demand and cost savings
- collaboration with public health, emergency services and public safety providers for disease, disaster and bioterrorism surveillance and reporting
- on-line educational programming for health professionals and related health care and administrative staff

Highlights

[HHS releases summary report on Nationwide Health Information Exchange](#)

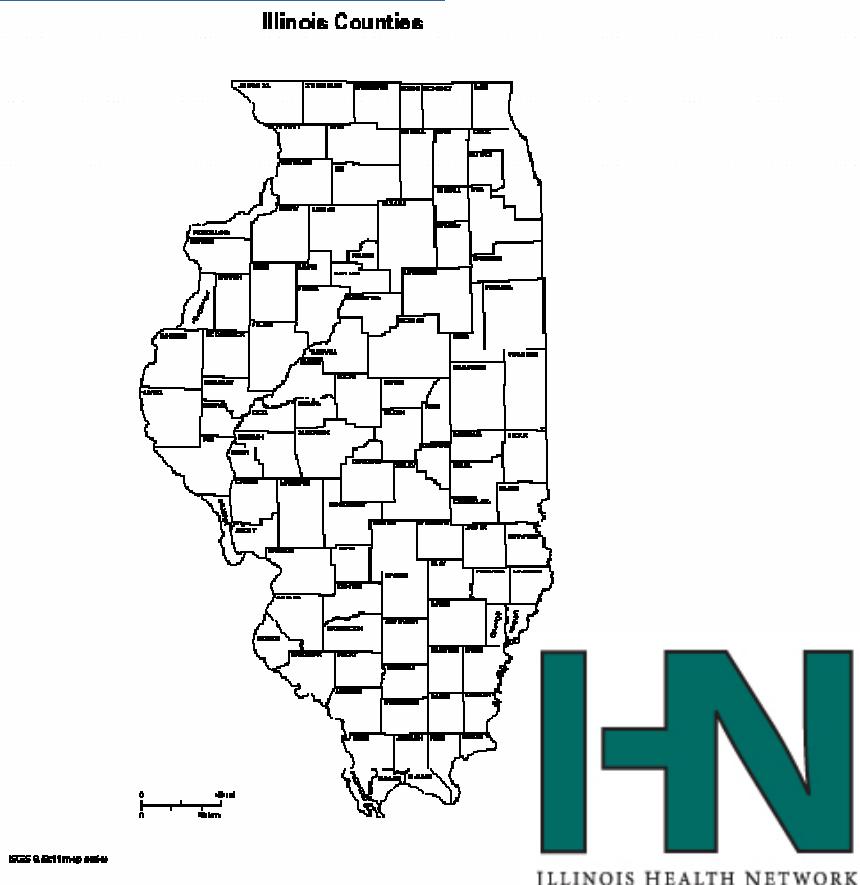
[Business leaders call for adoption of health IT](#)

Featured Business Partner



102 Illinois Counties

- 200+ Hospitals
- 94 Local Health Departments
- 27,000 physicians
- 8 Medical Schools with 12 Campuses
- Metropolitan vs. Suburban vs. Rural



Who has a Vested Interest in the Illinois Health Network?

- **Providers**--Hospitals, Physicians, Long Term Care, Public Health, Labs, etc.
- **Business Partners**--Commercial Interests, Payers, Government, Technology Partners, etc.
- **Participants**—Patients, Families, Advocates, etc.



Goal of the IHN-

Connect Illinois stakeholders within a **federated** system creating the ability to offer better, faster, more convenient and cost effective health care solutions.



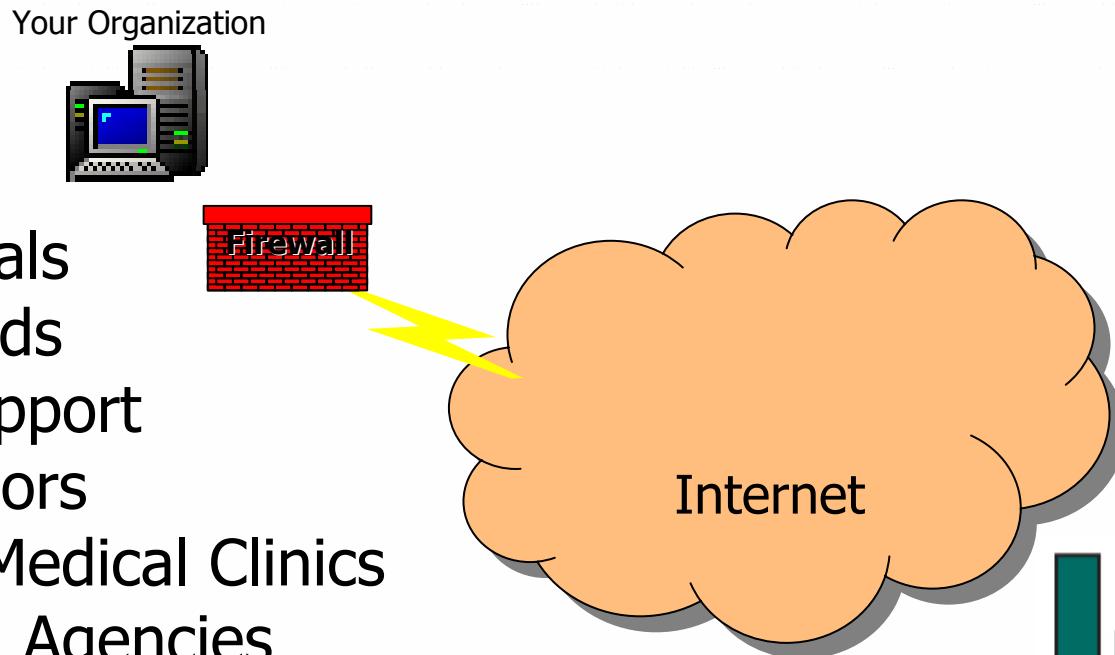
Roles of the Illinois Health Network

1. Secure IHN Gateway
2. Access to Commercial Applications
and Other Health Care Offerings
3. Technology-enabler
4. Private/Public Partnerships
(RHIO)



Partners

- Radiology
- Billing
- Pharmacy
- Government
- Other Hospitals
- Health Records
- Technical Support
- Service Vendors
- Ambulatory Medical Clinics
- Public Health Agencies
- Educational Providers
- Health Professionals of All Disciplines
- Community at Large



ILLINOIS HEALTH NETWORK

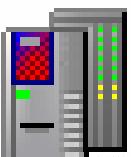
VPNs

IDPH NET

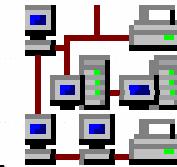
Current Options

Hospital B

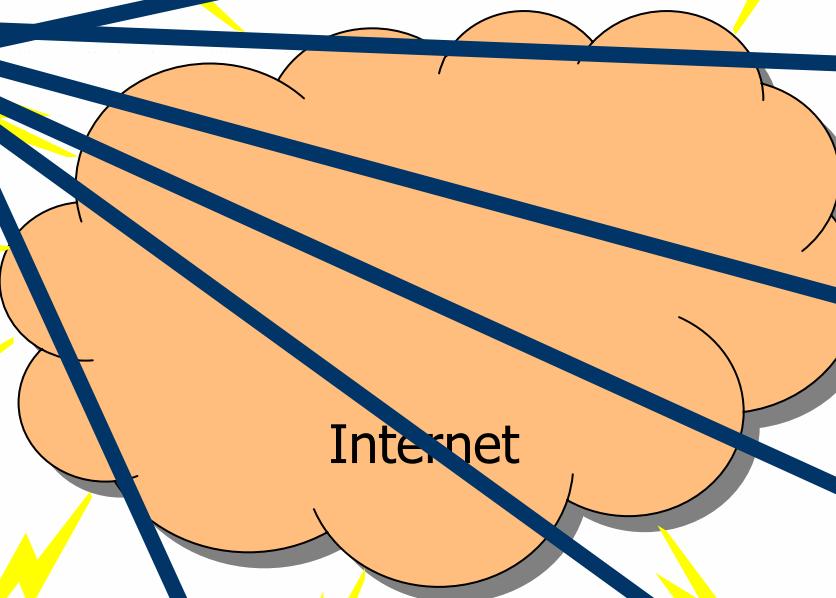
Your Organization



First Responder



Home Health



University



Hospital C

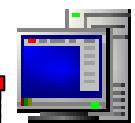


Support Staff

ILLINOIS HEALTH NETWORK



Community



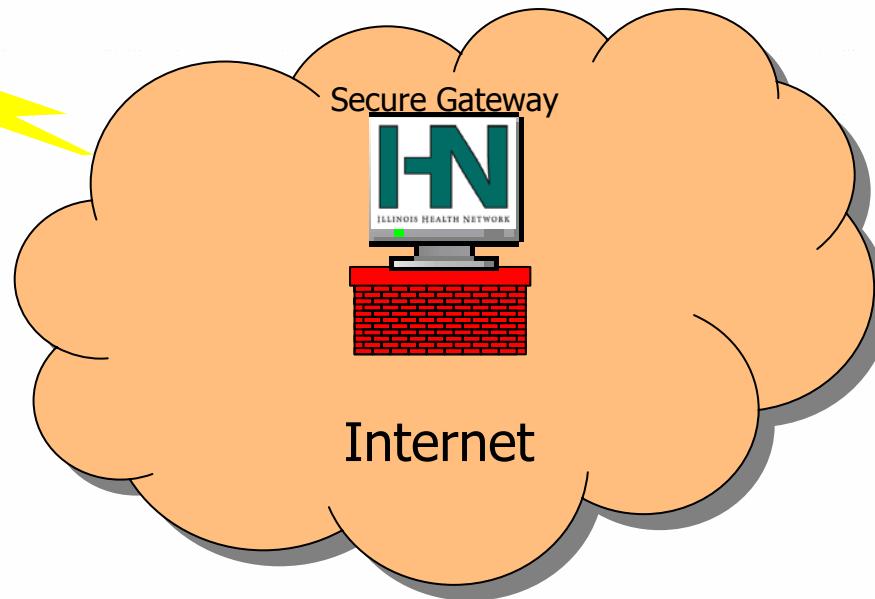
Long Term Care



Primary Care

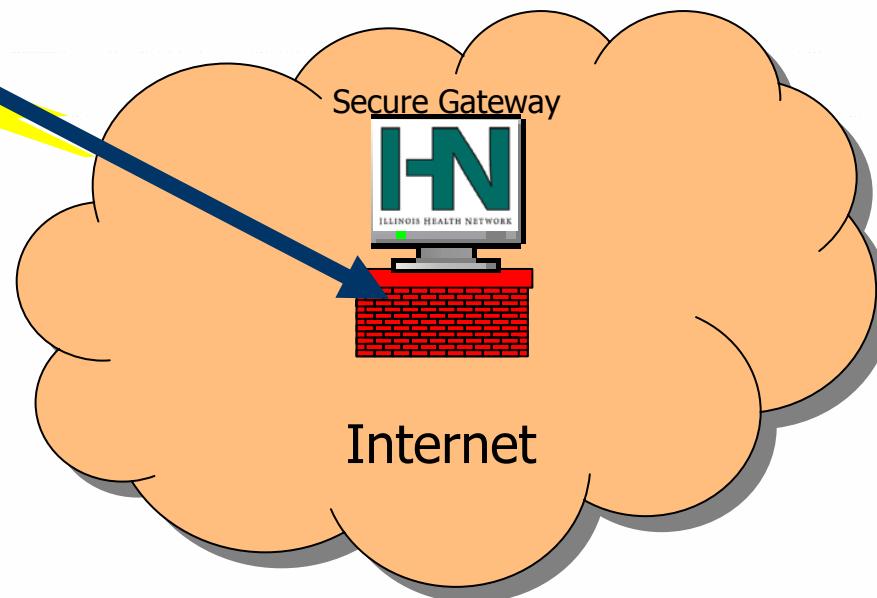
The IHN Option

Your Organization



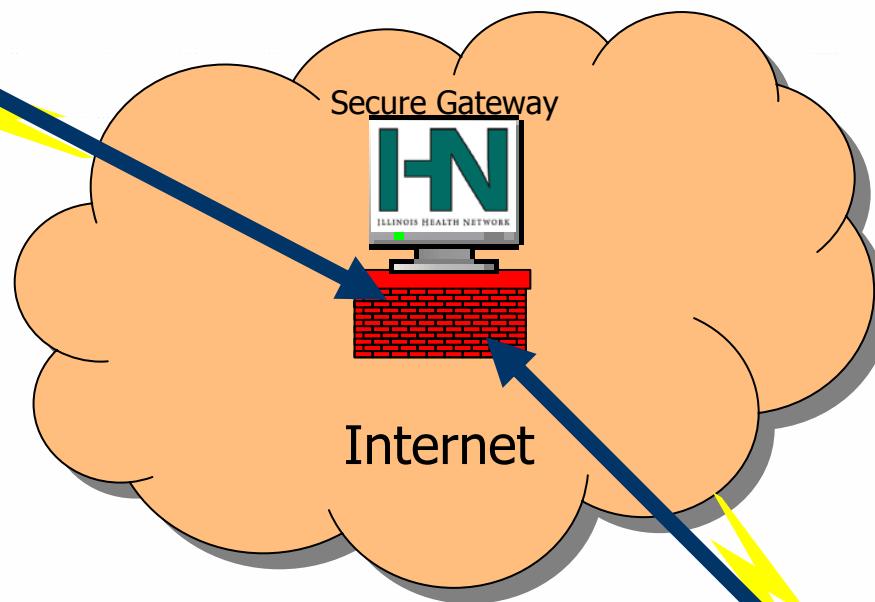
The IHN Option

Your Organization



The IHN Option

Your Organization



All your
Partners



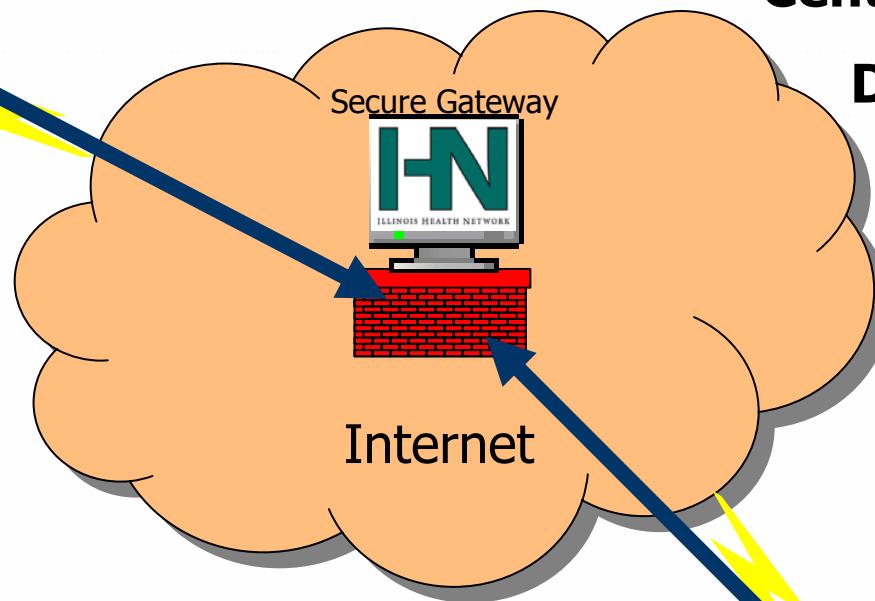
The IHN Option

Your Organization



**Data Stored
Locally**

**Centralized
Data**



**All your
Partners**



Roles of the Illinois Health Network

1. Secure IHN Gateway
2. Access to Commercial Applications
and Other Health Care Offerings
3. Technology-enabler
4. Private/Public Partnerships
(RHIO)





ILLINOIS
HEALTH NETWORK

700 South 2nd Street
Springfield, Illinois 62704
Project Information: (217) 541-1150
Help Desk: (800) 7185-IHN

The user name or password is invalid.

Please try again.

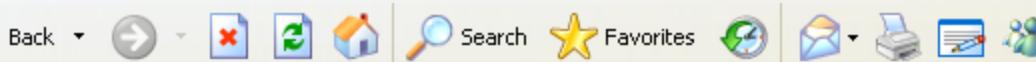
This system is only for the conduct of company business or other specifically authorized use. All information and communications on this system are subject to review, monitoring, and recording at any time, without notice or permission.

Unauthorized access or use may be subject to prosecution.

User ID:

Password:

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Address https://www.illinoishealthnetwork.org/talisen/cgi-bin/projects.cgi



Go

Links



June 24, 2005

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resources

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[ihn operations](#)

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Links

[Document Manager](#)
[Messaging](#)
[Calendar](#)

Welcome

[Illinois Health Network Gateway](#)

IHN

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Potential Applications

- Educational Calendar – “TV Guide”
- Patient/Physician Secure Messaging
- Electronic Commerce
- Virtual Pharmacy
- Electronic Health Records
- Computerized Provider Order Entry
- QI/Evidence Based Medicine
- Scorecard
- Radiology Reviews/PACS
- Personal Health Records



IHN Examples

- Washington County Hospital
- KSB Hospital
- Family Physicians Group
- Health Care Employment Website
- HIT Learning Module for Residency Programs
- Franklin Hospital
- Richland Hospital
- Vendor Marketing



Secure IHN vs. Public IHN

Secure IHN Gateway

<https://www.IllinoisHealthNetwork.org>

Public Web Pages

<http://www.IllinoisHealthNetwork.org>

