



*Better Communication for Better Healthcare*

**Alaska Health Care Commission**

**May 1, 2009**

Gina B. Perez, MPA  
DHIN Executive Director  
President, Advances in Management  
(302) 678-0220

PENNSYLVANIA

**N Delaware**

MARYLAND

Claymont  
Wilmington  
Elsmere  
New Castle

Newark

Delaware  
City

Middletown

Smyrna

Clayton

**Dover**

Harrington

Milford

**DELAWARE**

*Delaware Bay*

Lewes

Bridgeville

Georgetown

Seaford

Millsboro

Laurel

Frankford

NEW  
JERSEY

*Atlantic  
Ocean*

39°



Annapolis

*Chesapeake Bay*



76°

75°

# What is DHIN?

- Created statutorily in 1997 as a public instrumentality of the State of Delaware
- The Nation's *First* Statewide Clinical Health Information Exchange
- Public - Private Partnership
- Funded by Federal, State and Private Resources
- Went live in May 2007



# DHIN Functionality

- Secure Results Delivery with consistent result format
  - Lab and Pathology Results
  - Radiology Reports
  - Admission Face Sheets
  - Patient Record Search/Patient Inquiry (beta)
  - Medication History Pilot (planned)
  - Secure Inbox (58%)
  - Auto-Print/Fax (21%)
  - EMR Interface (21%)
- Public Health Reporting
  - Real-time reporting of data from hospitals to the Division of Public Health's DERSS system  
(Delaware Electronic Reporting and Surveillance System)

# Data Senders

**85%  
Laboratory  
Testing &  
81% Hospital  
Admissions**

Christiana Care  
Health System

St. Francis  
Hospital

Bayhealth Medical  
Center

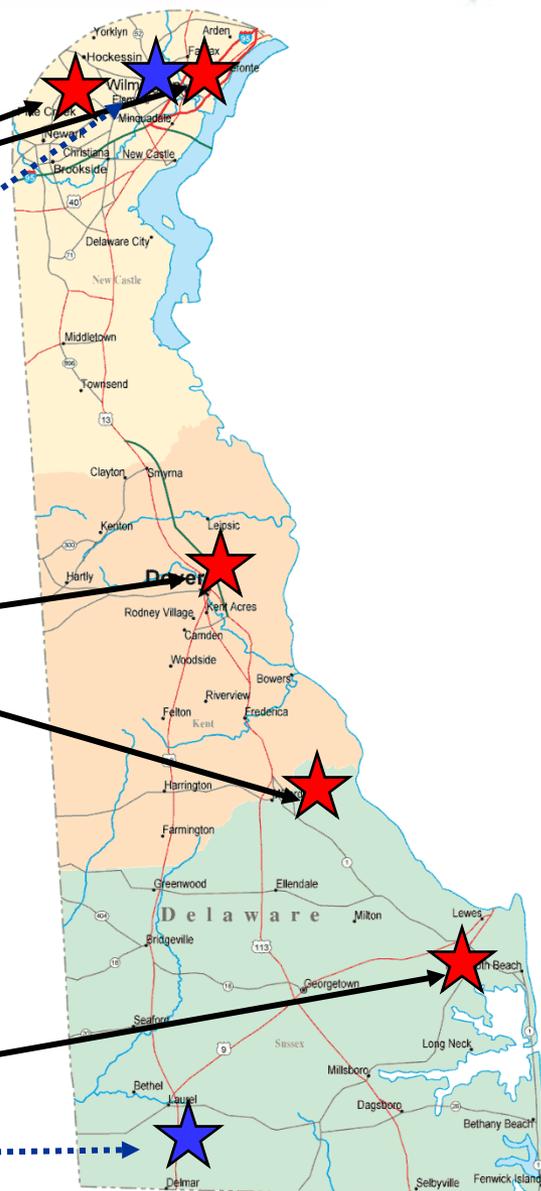
LabCorp

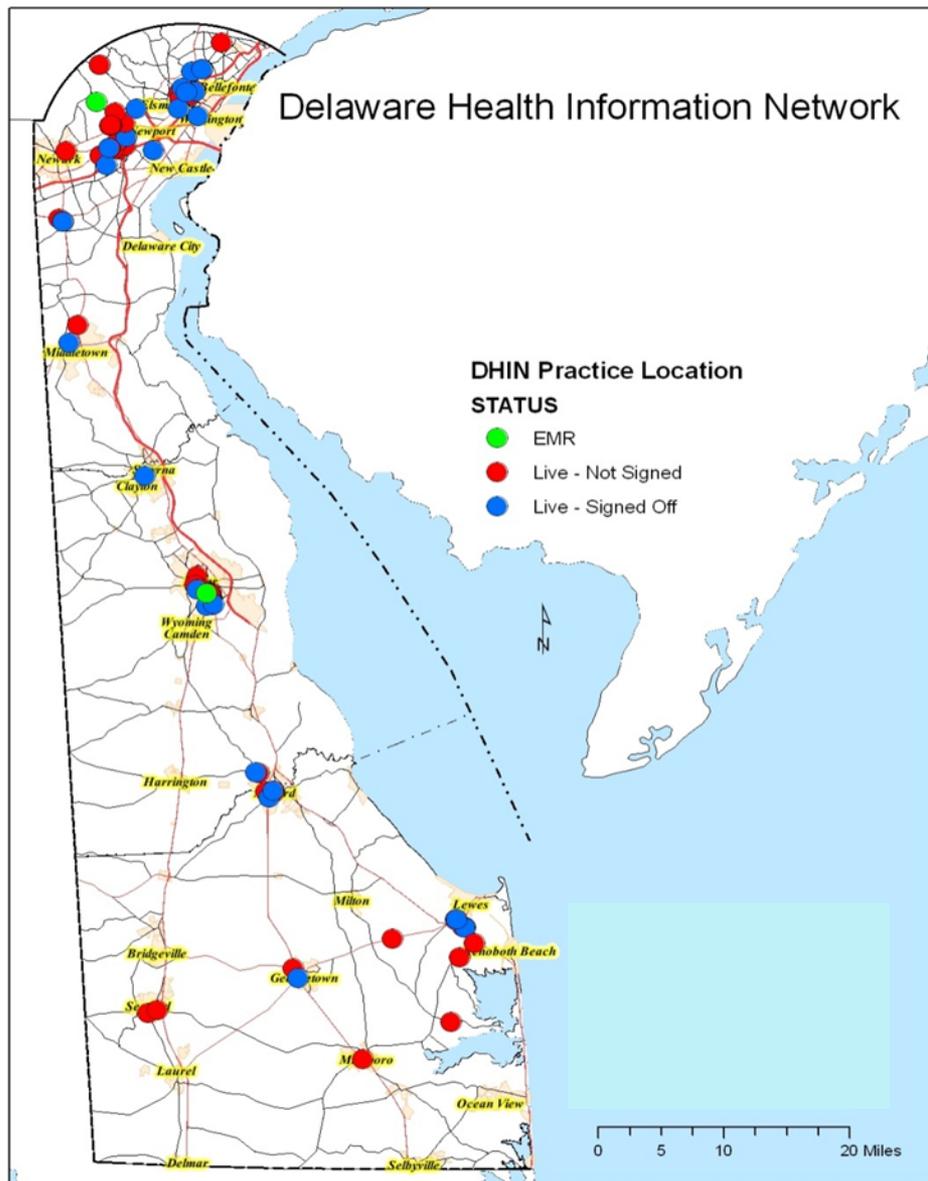
Doctors Pathology  
Services

Quest Diagnostics

Beebe Medical  
Center

Nanticoke  
Memorial  
Hospital





## DHIN Users

Over 2000 Current Users

50% Provider Adoption  
by June

## Transaction Volume

Unique Encounters: 13 mil/yr

Total Volume: 40 mil/yr

## Patient Records

Over 600,000 Unique  
Patient Charts

# DHIN Creates Value

- DHIN is free to clinical practices
- Reliable, secure and available information  
*... one chance to get it right...*
- One standard format for all results/reports
- Manage need along the IT adoption curve
- Eliminate current delivery methods

# EMR Connectivity to DHIN

- Certified:

- Allscripts
- MediNotes
- STI Computer Services
- Varian

- Beta:

- eClinicalWorks
- Misys

- Expected in 2009:

- Cerner
- GE/Centricity
- McKesson
- MicroMD
- NextGen

# NHIN Participation

- NHIN Trial Implementations
  - Summary Document Send and Retrieval
  - Consumer Preferences Demonstration
  - Lab Harmonization Use Case
    - Lab to EMR results delivery
  - Biosurveillance Use Case
    - Statewide demonstration - Emergency Chief Complaint
    - Currently Used in DHIN Production System



# New Features

- 2009
  - Electronic Orders
  - Transcribed Reports
  - Radiology Images
  - EHR Primer
  - Patient/Consumer Services
- 2010
  - Additional Public Health Services
  - Transitions of Care-Long Term Care/Home Health
  - Administrative Transactions



# Benefits of DHIN

- Saves Time
  - Results and Reports Immediately
  - All results in one place, in one format
  - Administrative Savings
  - Referrals and Consults
- Improves Quality of Care & Safety
  - More complete information in Emergency Dept.
  - Less chance of error
  - Better, faster information at time and place of care
  - Public Health Reporting and Management
  - Continuity of information across care systems

# Benefits of DHIN

- Reduces Cost
  - Reduce Duplication of Service
  - Promotes more appropriate use of the healthcare system
  - One interface, multiples sources of data, one format
  - Fewer Co-pays from Duplicate Services
- Enhances Privacy
  - Secure System
  - Access Controls
  - Audit Reporting



# Financing

- **Capital Funding**
  - State and Private Matching Funds
  - AHRQ State and Regional Demonstration
  - National Health Information Network
- **Maintenance Funding Model**
  - Fee/Subscription Model
    - Data Providers
    - Health Plans
  - Fair and Equitable

# Questions?

Gina Perez  
DHIN Executive Director  
(302) 678-0220  
[gina@aim2bbest.com](mailto:gina@aim2bbest.com)