



NATIONAL
RURAL HEALTH
RESOURCE CENTER

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Leveraging Partnerships and Utilizing Technology to Create Value



The Office of the National Coordinator for
Health Information Technology



Southeast Minnesota Beacon Community

Harnessing Health IT From a Community Perspective

RHITND Grantee Conference

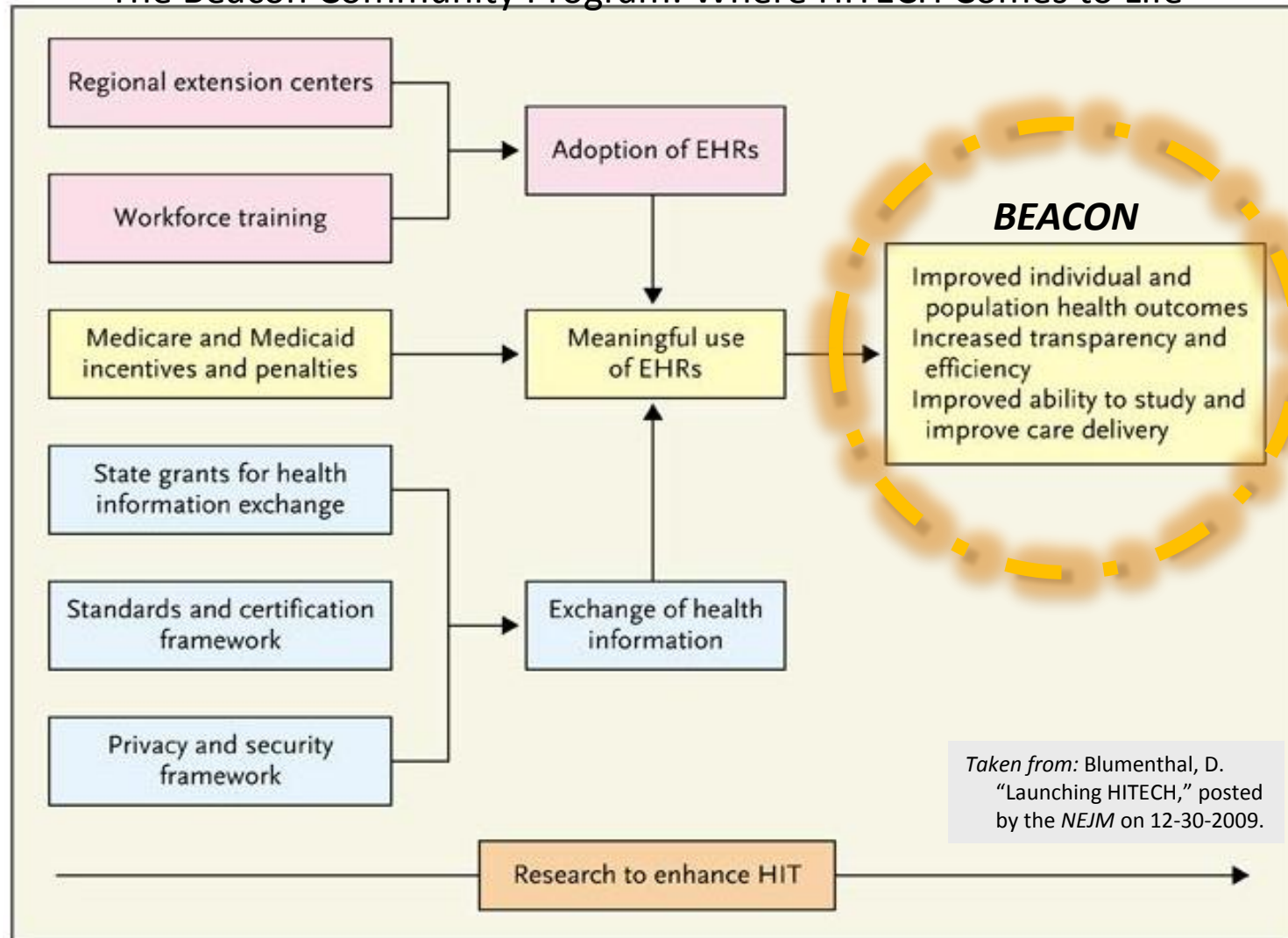
Lacey A. Hart, MBA, PMP®
Alex Alexander, MBA, MPA

Putting the **I** in Health **IT**
www.HealthIT.gov



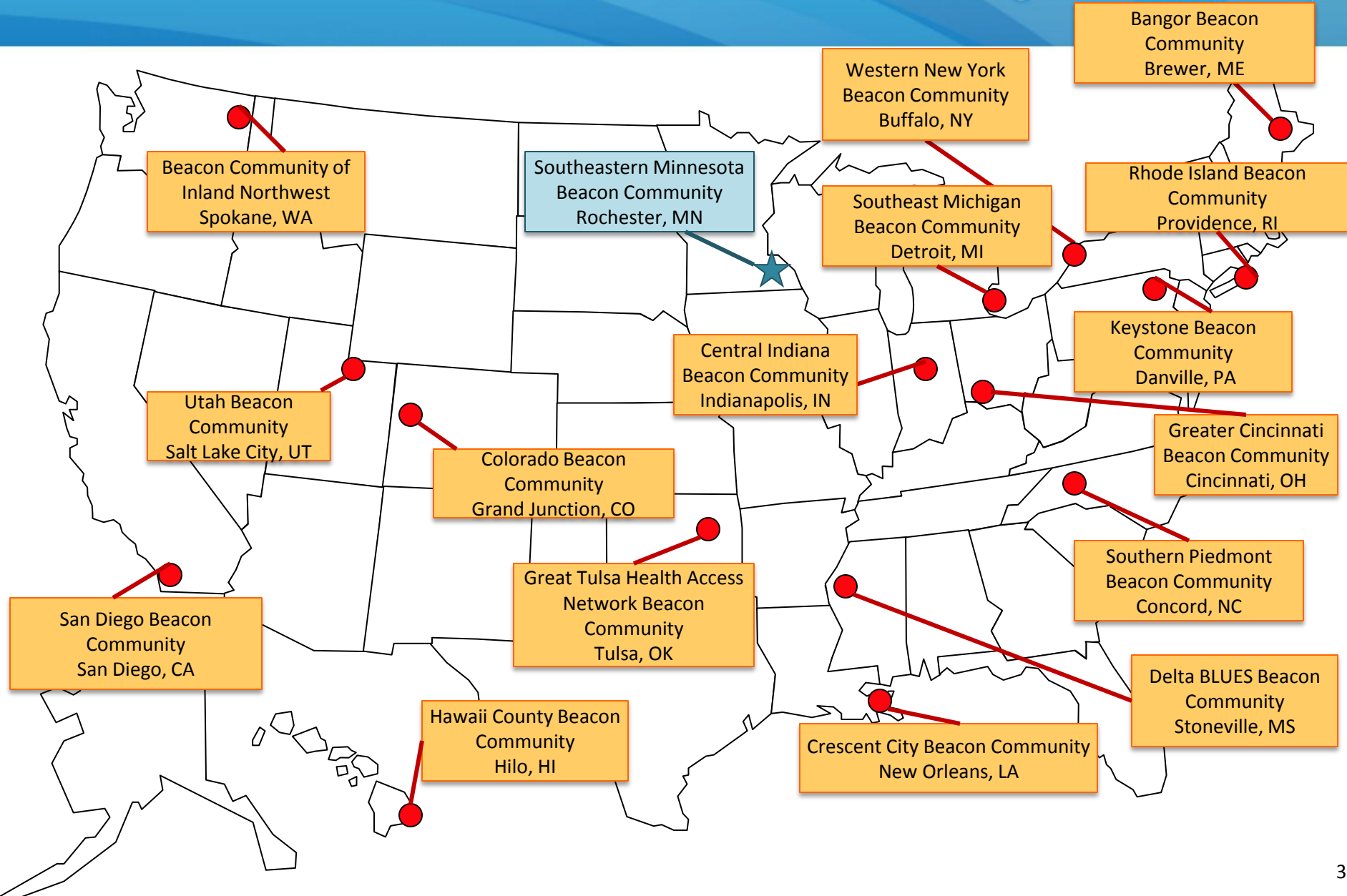
The Beacon Community Program: Where HITECH Comes to Life

The Beacon Community Program: Where HITECH Comes to Life




Taken from: Blumenthal, D.
"Launching HITECH," posted
by the *NEJM* on 12-30-2009.


17 Beacon Communities




17 grantees each funded ~\$12-15M over 3 yrs to:



Build and strengthen health IT infrastructure and exchange capabilities - *positioning each community to pursue a new level of sustainable health care quality and efficiency over the coming years.*



Improve cost, quality, and population health - *translating investments in health IT in the short run to measureable improvements in the 3-part aim.*

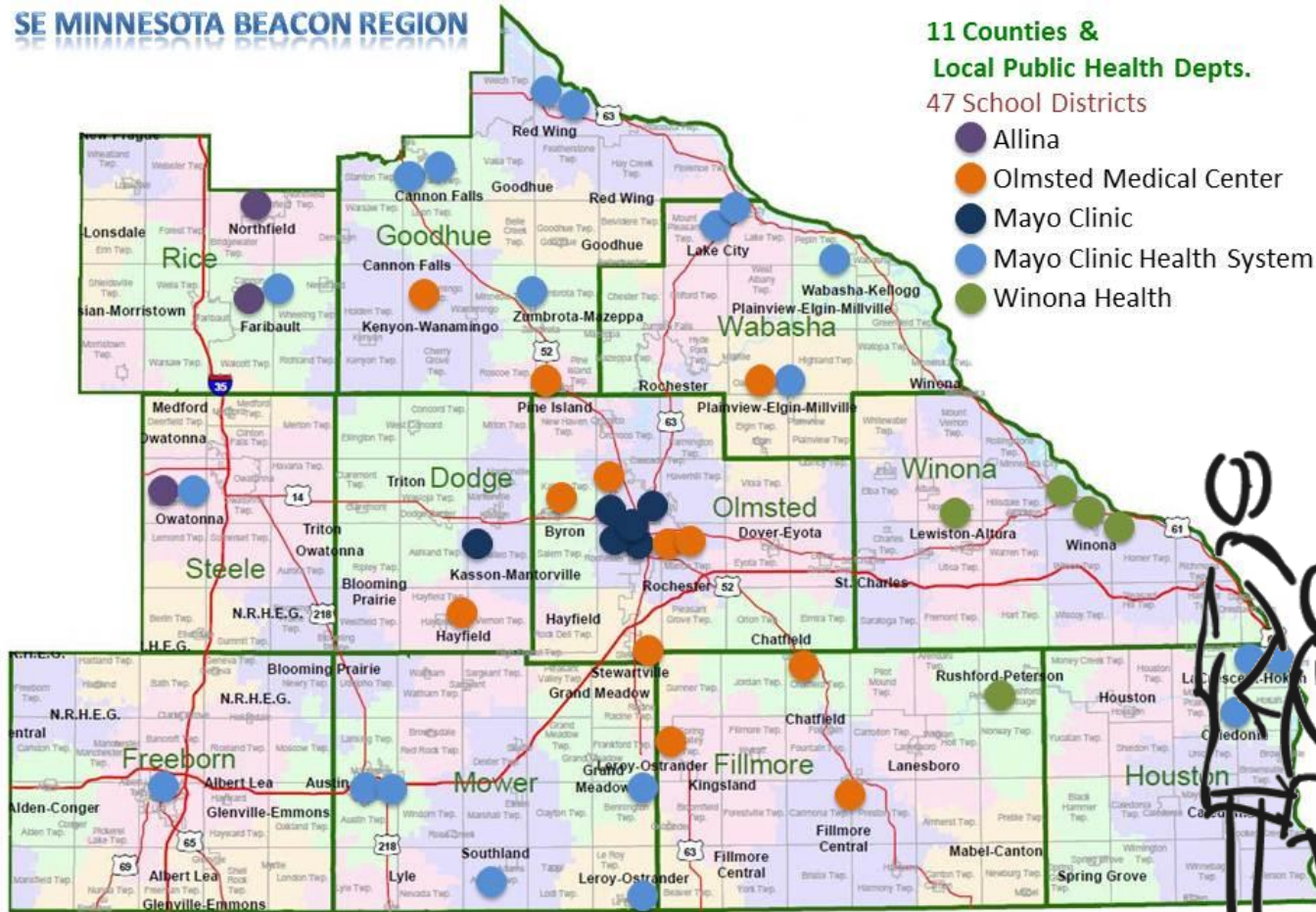


Test innovative approaches to performance measurement, technology integration, and care delivery - *accelerating evidence generation for new approaches.*

SE Minnesota Beacon Program

Working Together to Improve Health Care

SE MINNESOTA BEACON REGION



Community of Practice focusing upon delivering High-value community-based care delivery model





To Whom & Why is SE MN Beacon Important

- **Patients (Asthma/Diabetes)**
 - Groundwork for better use of health data to improve health
 - Reduce inappropriate healthcare utilization and cost
 - Improve ability of individuals to follow disease treatment plans

- **Health Professionals**
 - Consistent efforts for improving care; improved clinical work flows
 - Support efforts for adoption of technology in “meaningful manner”
 - National visibility as a practice providing “high value” primary care
 - New payment mechanisms
 - Advance and undertake clinical research efforts

- **Local Public Health**
 - \$ 1.7 million investment for more effective secure data exchange
 - Better data to support LPH community health needs assessment
 - Addresses LPH responsibilities of Community Health Boards

Guiding Values

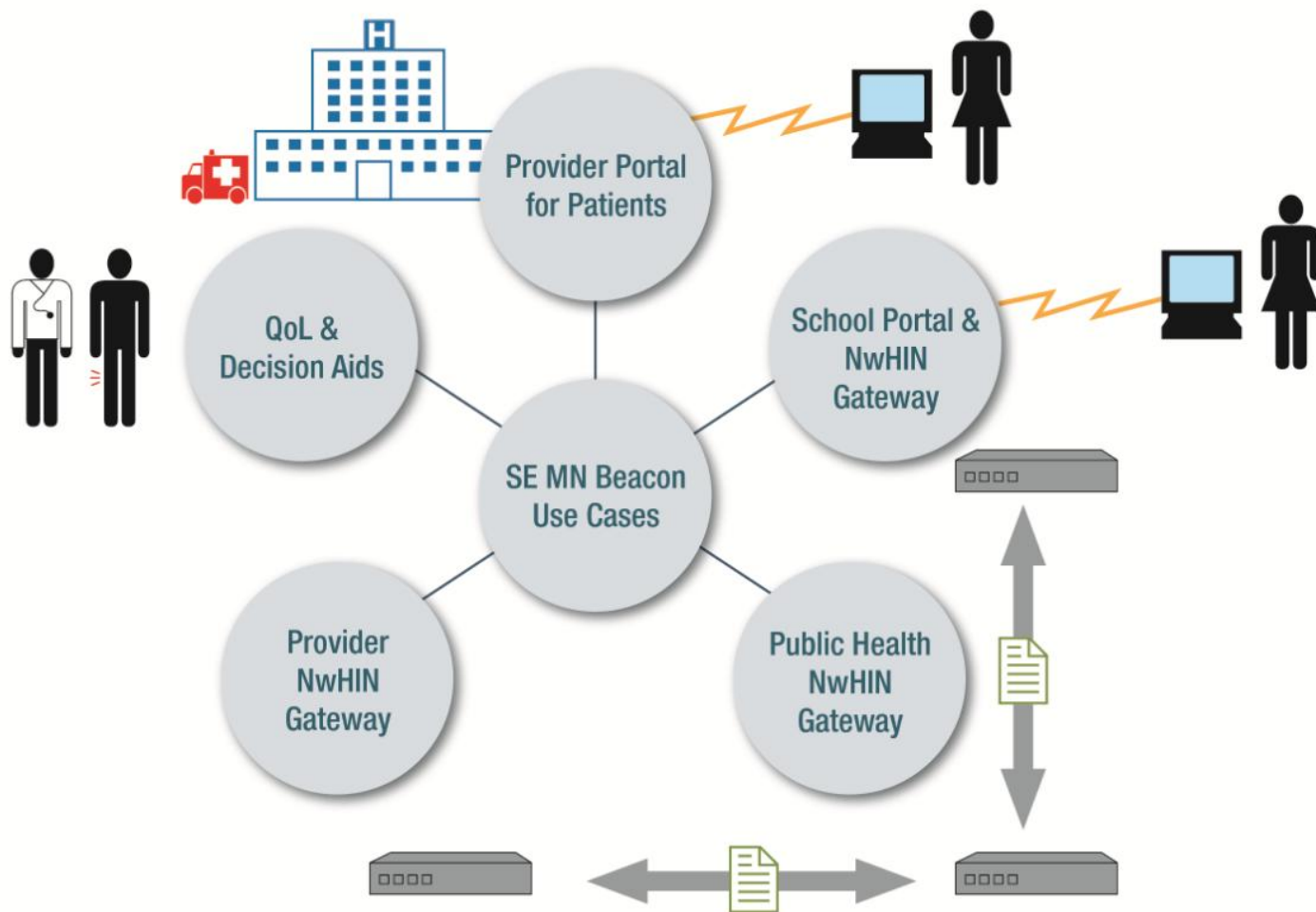
Ensuring the values and preferences of informed patients are brought into our program through meaningful conversation.



The SE Minnesota Beacon challenges the traditional healthcare models in our nation from provider centric to ***patient-centric and community driven.***

This commitment is found woven into the very fabric of each project in our program.

IT Enabled & Community based 'Transitions of Care'





IT Enabled & Community based 'Transitions of Care'

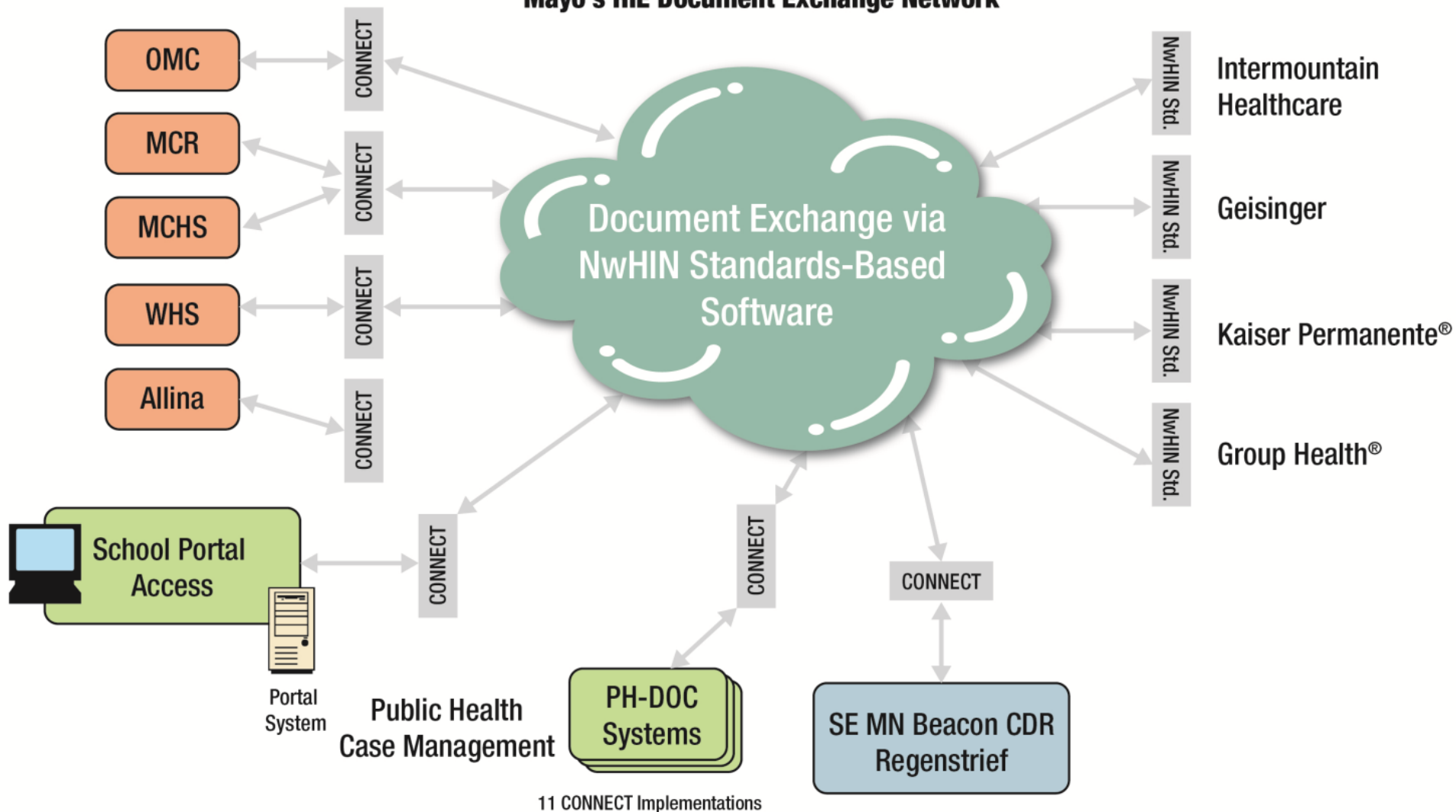
- Meaningful Use (MU)
- Health Information Exchange (HIE)
- Continuity of Care Documents (CCD)
- Other Document Exchange:
 - Asthma Action Plan (AAP)
 - Diabetes Quality of Life Tool (QOL)
 - Diabetes Decision Aids
- Transitions of care in schools
- Transitions of care in Public Health
- Patient Engagement and Meaningful Conversations

Network Collaboration

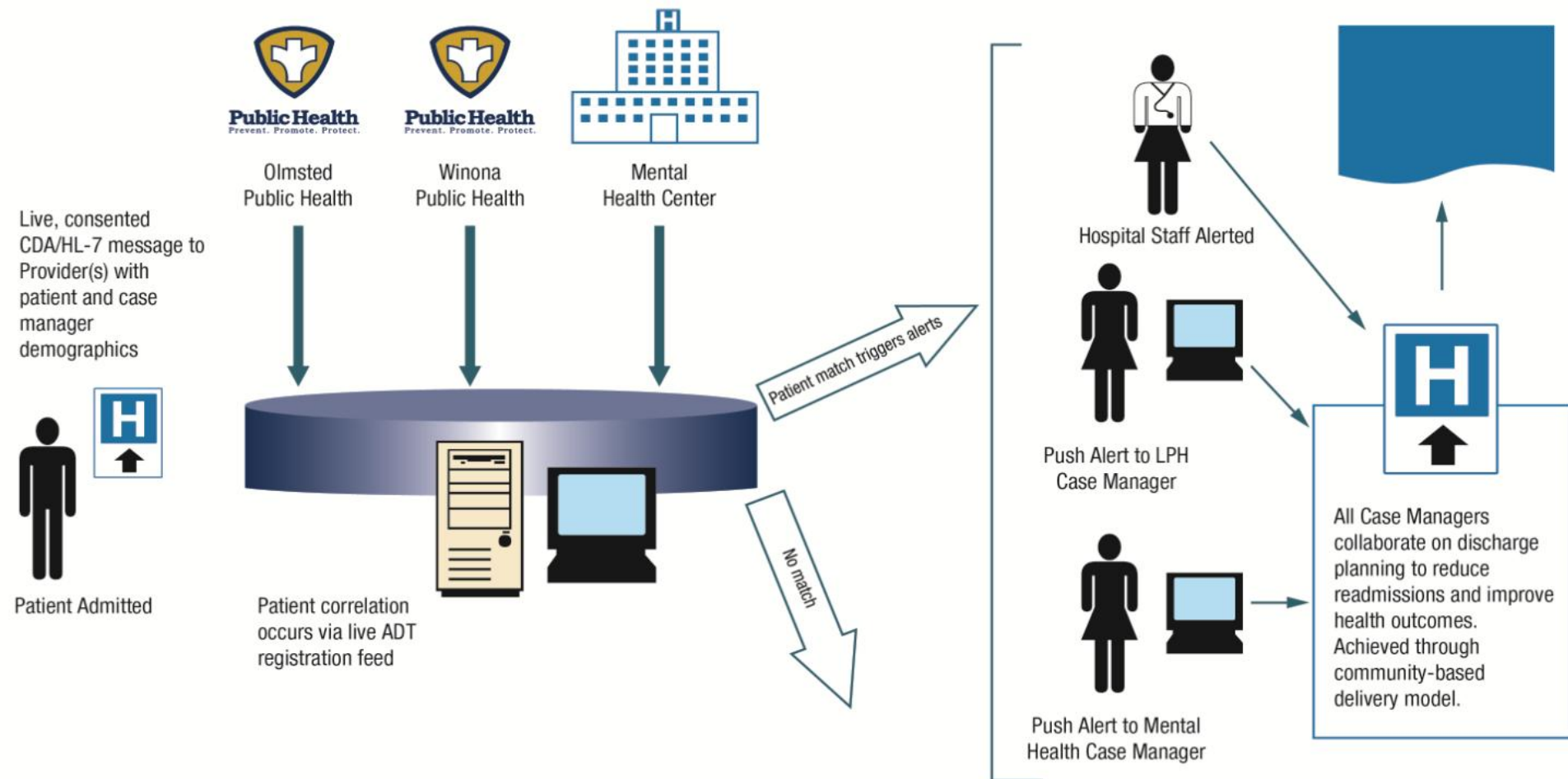
SE Minnesota BEACON

Mayo's HIE Document Exchange Network

Care Connectivity Consortium

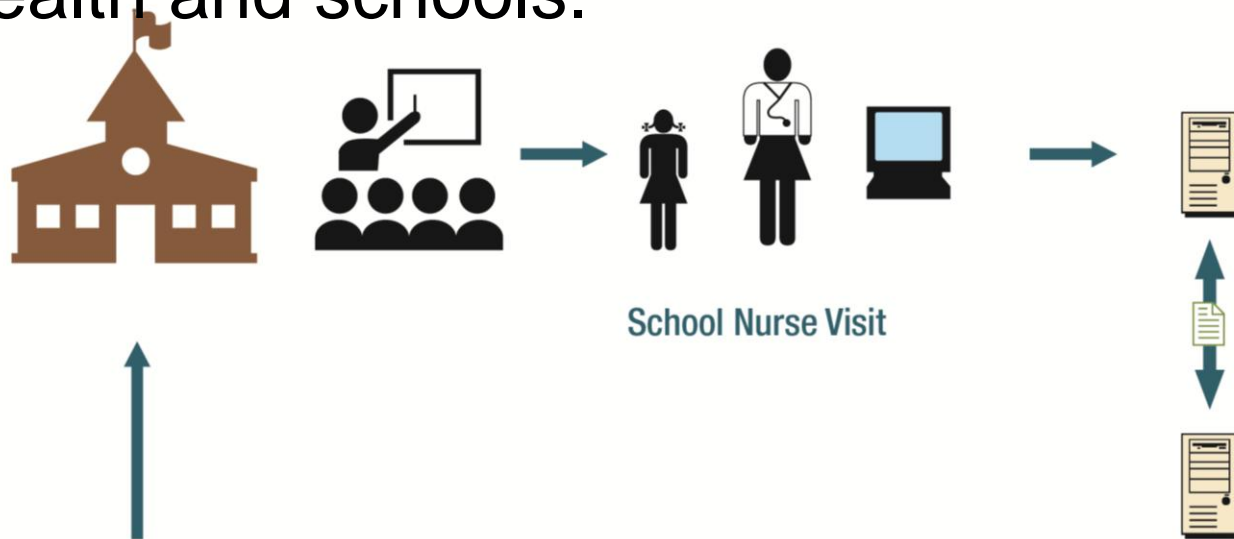


Transitions of Care



Asthma Care Coordination

Care Coordination between parents, providers, public health and schools.



Parental Involvement



Authorizes:
School to follow Care Plan and
communicate with Physician

Communicates via:
• School Visits

Primary Care Physician Visit



Asthma Action Plan

DATE: _____ PATIENT NAME: _____
 WEIGHT: _____ PARENT/GUARDIAN NAME: _____ PHONE: _____
 HEIGHT: _____ PRIMARY CARE PHYSICIAN NAME: _____ PHONE: _____
 DOB: _____ WHAT TREATMENT METHOD: _____

Respiratory Severity

Best Peak Flow

Always use a **holding chamber/spacer** with/without a mask with your inhaler (asked above)

GREEN ZONE	DOING WELL	GO!
You have ALL of these: • Breathing is good • No cough or wheeze • Can work/play easily • Sleeping all night Peak Flow is between: _____ and _____ 100% of personal	Step 1: Take these controller medicines ASUSUAL _____ Step 2: If wheeze triggers your asthma, take the following medicine NO inhaler before a wheeze or asthma _____	GO! _____ _____
YELLOW ZONE	GETTING WORSE	CAUTION
You have ALL of these: • No need to breathe • Coughing • Wheezing • Tightness in chest • Cannot work/play easily • Wake at night coughing Peak Flow is between: _____ and _____ 75% of personal	Step 1: If you're taking GREEN ZONE medicines, add ASUSUAL medicine: _____ Step 2: Within 1 hour, if your symptoms aren't better or you don't return to the GREEN ZONE, take your ORAL steroid medicine: _____ and call your health care provider today Step 3: If you are in the YELLOW ZONE more than 3 hours, or your symptoms are getting worse , know RED ZONE instructions.	CAUTION _____ _____
RED ZONE	EMERGENCY	GET HELP NOW!
You have ALL of these: • No need to breathe • Trouble open mouth • Blue lips/fingert • Medicine is not helping • Trouble understanding • Lips or fingernails are gray or blue Peak Flow is between: _____ and _____ Below 50% of personal	Step 1: Take your quick-relief medicine NOW! _____ _____ Step 2: Call your health care provider NOW! AND Give the emergency room OR CALL 911 immediately	GET HELP NOW! _____ _____

This Asthma Action Plan provides authorization for the administration of medicine described in the AAP.
 This child has the knowledge and skills to self-administer quick-relief medicine at school or daycare with approval of the school nurse.

DATE: _____ MONITORING SIGNATURE: _____

This consent may supplement the school or daycare's consent to give medicine and allow my child's medicine to be given at school/daycare.
 My child (and/or I) **may** / **may not** carry self-administer and use quick-relief medicine at school with approval from the school nurse (if applicable).

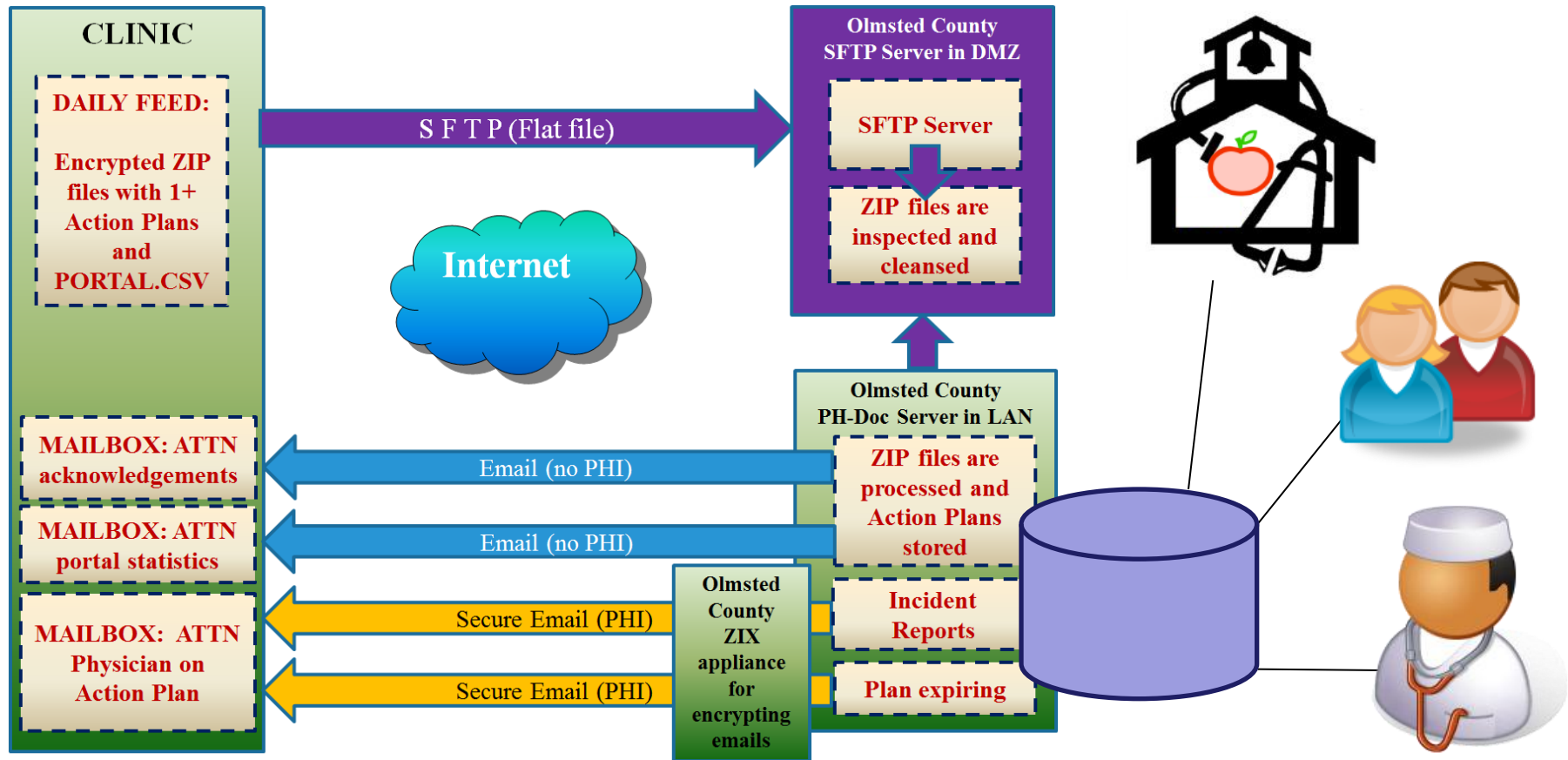
DATE: _____ PARENT/GUARDIAN SIGNATURE: _____ PHONE: _____

FOLLOW-UP APPOINTMENT IS _____ IF _____

School Portal

Kids eHealth

POWERED BY **PHDoc** PUBLIC HEALTH DOCUMENTATION SYSTEM





Legal Considerations

- Business Associate Agreements between
 - Between or among Beacon participants
 - Beacon consortium and data repository
- Privacy Compliance:
 - Health Insurance Portability and Accountability Act (HIPAA)
 - Family Educational Rights and Privacy Act (FERPA)
 - Public Health Agency State Data Practices Act (DPA)
- Consent & Authorization Compliance:
 - Minnesota Standard Consent Form to Release Health Information
 - Minnesota Research Authorization statute
 - Federal protection of human subject research regulations
- Regional Exemption Obtained for State Certificate of Authority:
 - Health Information Exchange, Health Data Intermediary, Record locator service

24 JD's



<http://semnbeacon.org>

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[Community Connections](#) [Partners](#) [News](#) [Blog](#)

Welcome to Beacon

Beacon is a community-based program to spotlight a variety of “best practice” approaches to improving health and health care delivery in the United States. Funded by the U.S. Department of Health and Human Services, through the [Office of the National Coordinator for Health Information Technology](#), the [Beacon Communities](#) [see the Beacon videos] are a series of medical practice and research coalitions focusing on specific health conditions in their areas and utilizing and developing efficient systems based on their foundational expertise.

Overall, each Beacon program seeks to:

- Improve quality, safety, efficiency, and reduce health disparities
- Engage patients and their families in their health care
- Improve health care coordination
- Improve public health and the health of the community’s population
- Ensure privacy and security protections for personal health information

Recent Posts

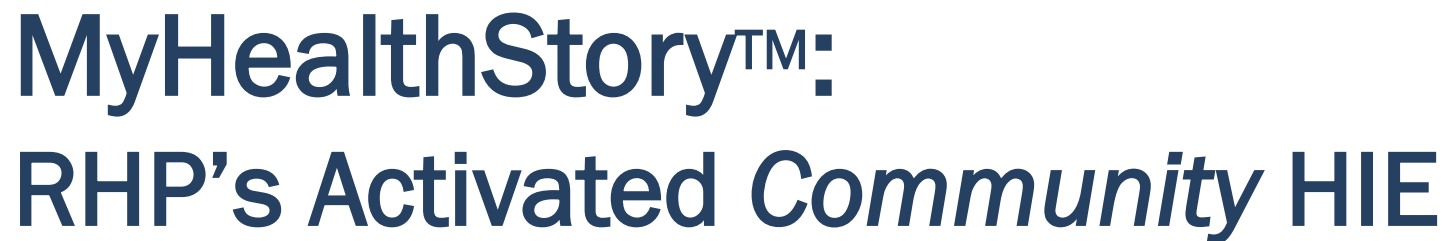
- [Beacon is beginning](#)

Archives

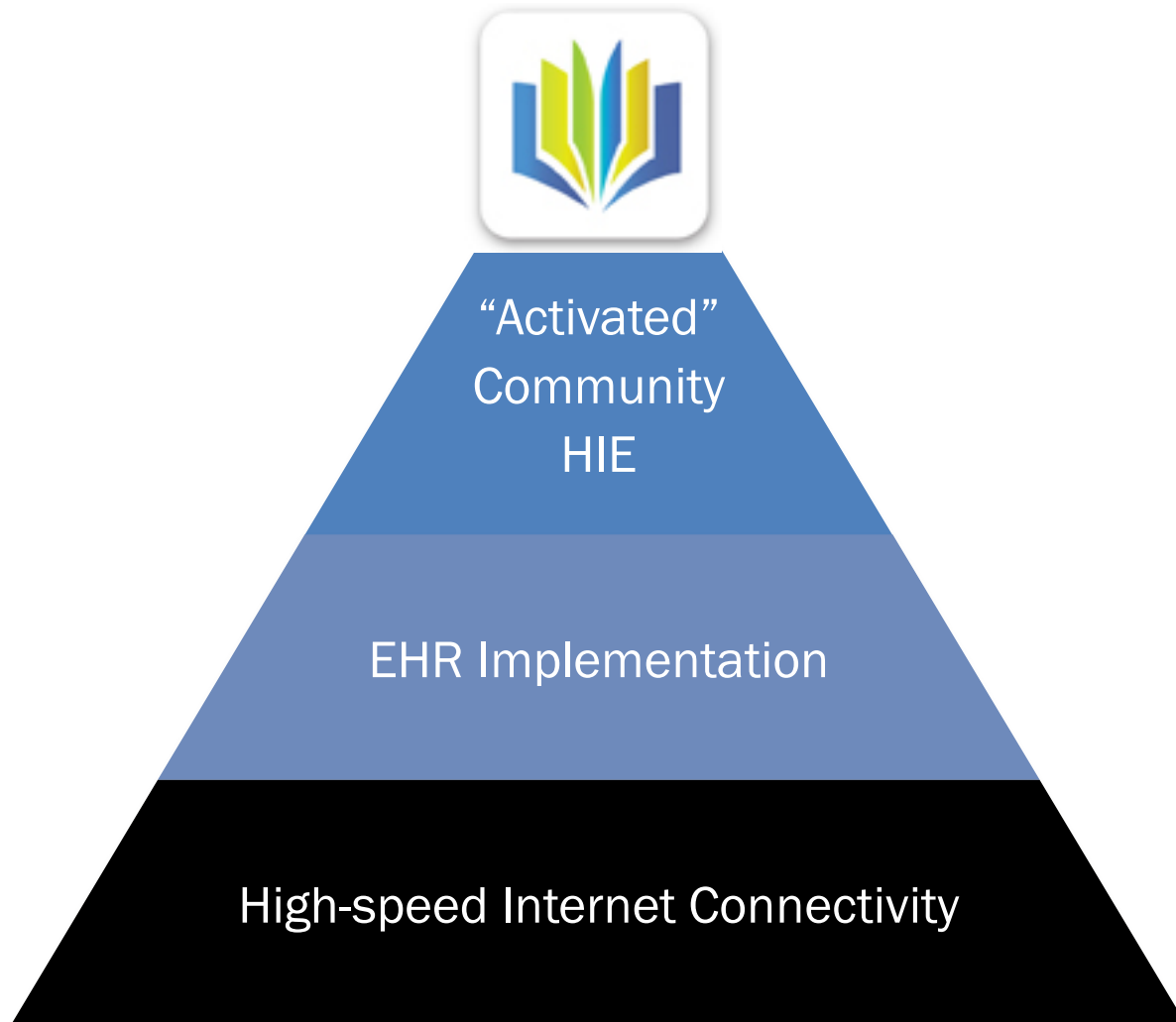
Categories

Project Team Wiki

- [Project Team Wiki](#)

[illegible]

CommunityHealth IT Purpose: HIT Use Promotion & Coordination





Significant Stage 2 MU benefits for the entire HIE community

CommunityHealth IT Strategic Partners



49 Organizational Partners

CommunityHealth IT provides services to healthcare providers and hospitals for:

- ✓ Electronic Communication Technology and Patient Engagement
- ✓ Provider Outreach
- ✓ State HIE Connections (as they become available)

CommunityHealth IT ensures that area healthcare providers, hospitals, and communities using MyHealthStory™ services receive:

- ✓ Comprehensive neutral outreach to providers in the entire region, regardless of affiliation
- ✓ Comprehensive outreach to patients allowing for more engagement through a unified community message
- ✓ Greater economies of scale in savings of costs, work effort, and manpower (e.g., shared HIE communication platform, shared state HIE connections)

THE FLORIDA HIE PATIENT LOOKUP SERVICE CURRENT SCOPE AND STATUS

VALID THROUGH JUNE 2012

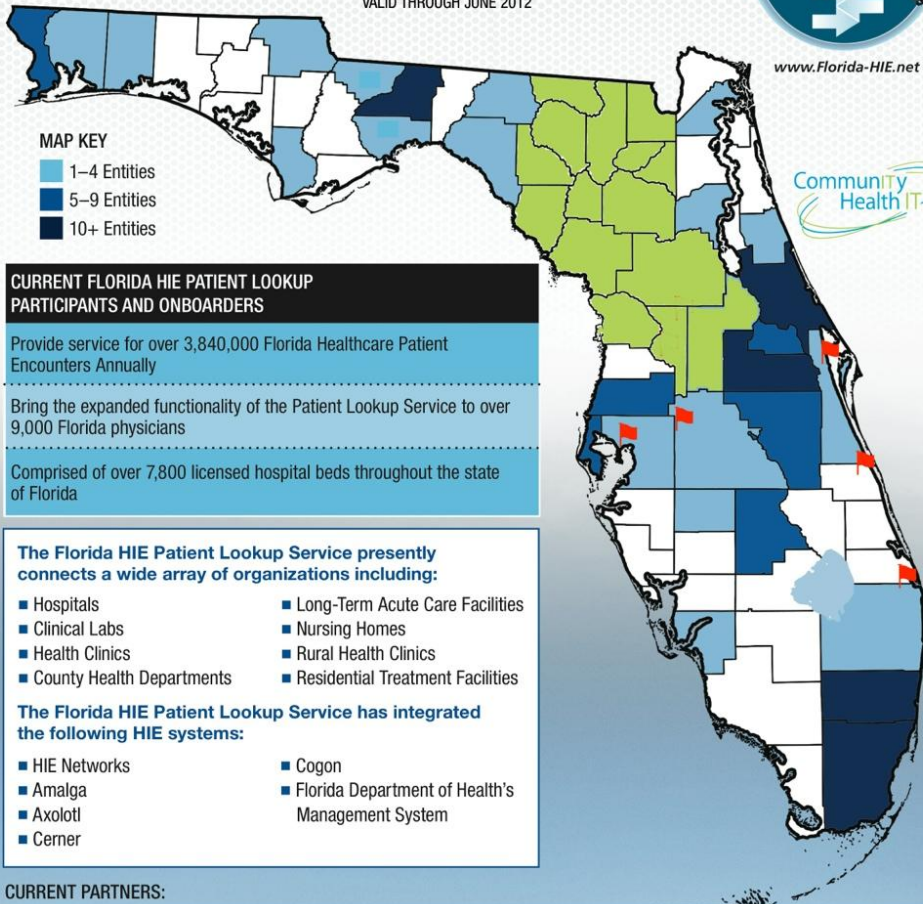


www.Florida-HIE.net



MAP KEY

- 1-4 Entities
- 5-9 Entities
- 10+ Entities



CURRENT PARTNERS:



Filling the rural gaps:

- Patient-Provider friendly solutions empower both the rural area and local providers
- Patient engagement accomplished with clinical platform
- Florida HIE connection for RelayHealth customers throughout state (2+ million patient records)
- Information Security and Privacy Officer is through CommHIT partner NH-ISAC



MyHealthStory

communityhealthIT.org



Sample Strategic Partner

National Health Information Sharing & Analysis Center (www.nhisac.org/)

- ✓ One of the nation's 18 ISACs created through presidential directive.
- ✓ Works with agencies like the HHS, US Department of Homeland Security, NASA, and the NSA to protect the nation's healthcare and public health critical infrastructure.
- ✓ Leadership Board: security and privacy experts from Johnson & Johnson, Merck, Verizon, Symantec, Deloitte, McKesson, and CommunityHealth IT.
- ✓ Interested in promoting healthcare security and privacy in rural and rural-urban mix areas. CommunityHealth IT has been chosen as the starting point for these healthcare delivery settings, nationwide.



Information Exchange Strategy

