

**Agency: Department of Health and Social Services****Project Title:****Project Type:** Information Systems and Technology

# Alaska eHealth Network - Health Information Exchange Deployment

**State Funding Requested: \$2,400,000**  
 Future Funding May Be Requested

**House District:** Statewide (1-40)**Brief Project Description:**

Infrastructure development by Alaska eHealth Network for deployment measures that include installation and training, a plan to encourage use of the system, support to providers, and compliance with federal and state health information policies.

**Funding Plan:**

Total Project Cost:	\$3,200,000
Funding Already Secured:	(\$800,000)
FY2012 State Funding Request:	<u>(\$2,400,000)</u>
Project Deficit:	\$0

*Funding Details:*

*In FY10 \$2,727,500 GF was appropriated to DHSS with the unanimous passage of SB 133 in 2009.*

**Detailed Project Description and Justification:**

Alaska's new Health Information Exchange is being deployed in 2011 by the State Department of Health and Social Services, and the Alaska eHealth Network, at a cost of approximately \$6 million. The network will connect Alaska's 27 hospitals (private, VA, DOD, tribal, State) and up to 1000 health care providers. A State appropriation of \$2.4 million is requested to finance completion of deployment of the network in FY012.

Phase 1 - Build the Base SaaS HIE configuration including the integration of four hospitals (ANMC-lab, Providence Alaska Medical Center, Fairbanks Memorial Hospital, and Bartlett Hospital) and four clinics (including one Indian health Service EHR site).

\*Pilot deployment starting January 2011: 90 days deployment

Phase 2a - Integrate the remaining Alaska hospitals and facilities within the HIE

\*Starting April 2011

\*30 days per hospital (total 27 Alaska hospitals)

Phase 2b - Deploy the remaining SaaS services as necessary: Patient Portal, \*ePrescribe, etc.: Fall 2011 (60-90 days)

Background: Health Information Exchange systems are being deployed throughout the United States as a proven method of improving patient and provider access to accurate medical records, resulting in higher patient safety, better care coordination, and reductions in costly duplicate testing. In May 2009, unanimous passage of SB133 by the Alaska State Legislature authorized the State Department of Health and Social Services to establish a new Health Information Exchange

for the State of Alaska which allows health care providers to exchange patient health information electronically in the interest of improving patient safety, quality and access to care. In early 2010, the State of Alaska acquired ARRA funding from the federal Department of Health and Human Services for this purpose, and through an RFP process authorized the Alaska eHealth Network to develop the exchange. In late 2010, the Alaska eHealth Network selected its vendor, Orion Health, to deploy the network beginning in January 2011. The network will be fully deployed by December 2011.

**Alaska eHealth Network Timeline:**

2006: Organized by major Alaska health IT stakeholders

2009: Incorporated as non-profit entity

2007-2009: Initial developmental funding from DHHS, Alaska Federal Health Care Partnership, State of Alaska, Denali Commission, FCC

2006-2009: AeHN developmental work facilitated by ANTHC

May 2009: State legislation unanimously approved, authorizing Alask HIE system

Feb 2010: State RFP results in selection of AeHN as the Alaska HIE manager

April 2010: AeHN receives \$3.1M, 4-year award of ONC funds through State of Alaska for HIE development

December 2010: AeHN selects Orion Health as HIE vendor

**Project Timeline:**

The network will be fully deployed by December 2011.

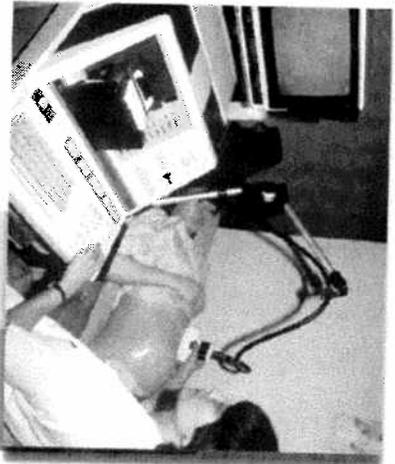
**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Alaska eHealth Network

**Grant Recipient Contact Information:**

Name: Paul Sherry  
 Title: President  
 Address: 4000 Ambassador Drive  
 Anchorage, Alaska 99508  
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 Email: psherry@anthc.org

Has this project been through a public review process at the local level and is it a community priority?  Yes  No



# ***Alaska eHealth Network***

Alaska's Health Information

Exchange (HIE)

February 2011

Paul Sherry, President

Bill Sorrells, Executive Director

Alaska eHealth Network





# Alaska eHealth Network

## Board of Directors

- Paul Sherry, Alaska Native Tribal Health Consortium
- Alexander Spector, Veterans Administration Health Services
- Dr. Tom Nighswander, private practice physician
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- Al Parrish, Providence Alaska Health and Services
- William Streur/Paul Cartland, Alaska Dept. of Health and Social Services
- Jeff Davis, Blue Cross/Blue Shield of Alaska



# Alaska eHealth Network

- MISSION: To improve the safety, cost-effectiveness, and quality of health care in Alaska through widespread, secure, and confidential electronic clinical information systems, including promotion of Electronic Health Records (EHR) and facilitation of Health Information Exchange (HIE)
- VISION: An electronically-connected Alaska health care delivery system



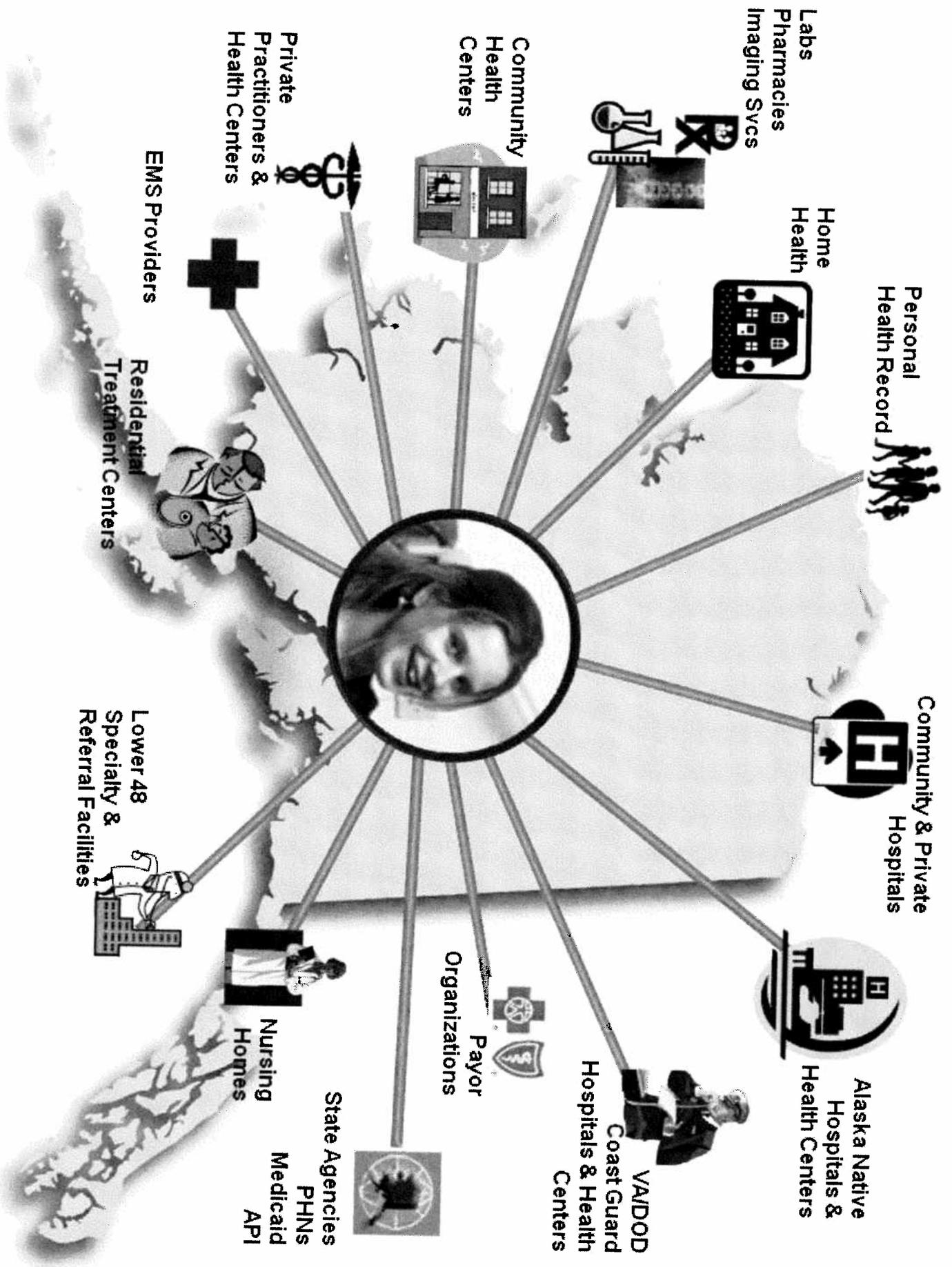
# AeHN: Our beginnings

- 2006: Organized by major Alaska health IT stakeholders
- 2009: incorporated as non-profit entity
- 2007-2009: Initial developmental funding from DHHS, Alaska Federal Health Care Partnership, State of Alaska, Denali Commission, FCC
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# Alaska eHealth Network: History

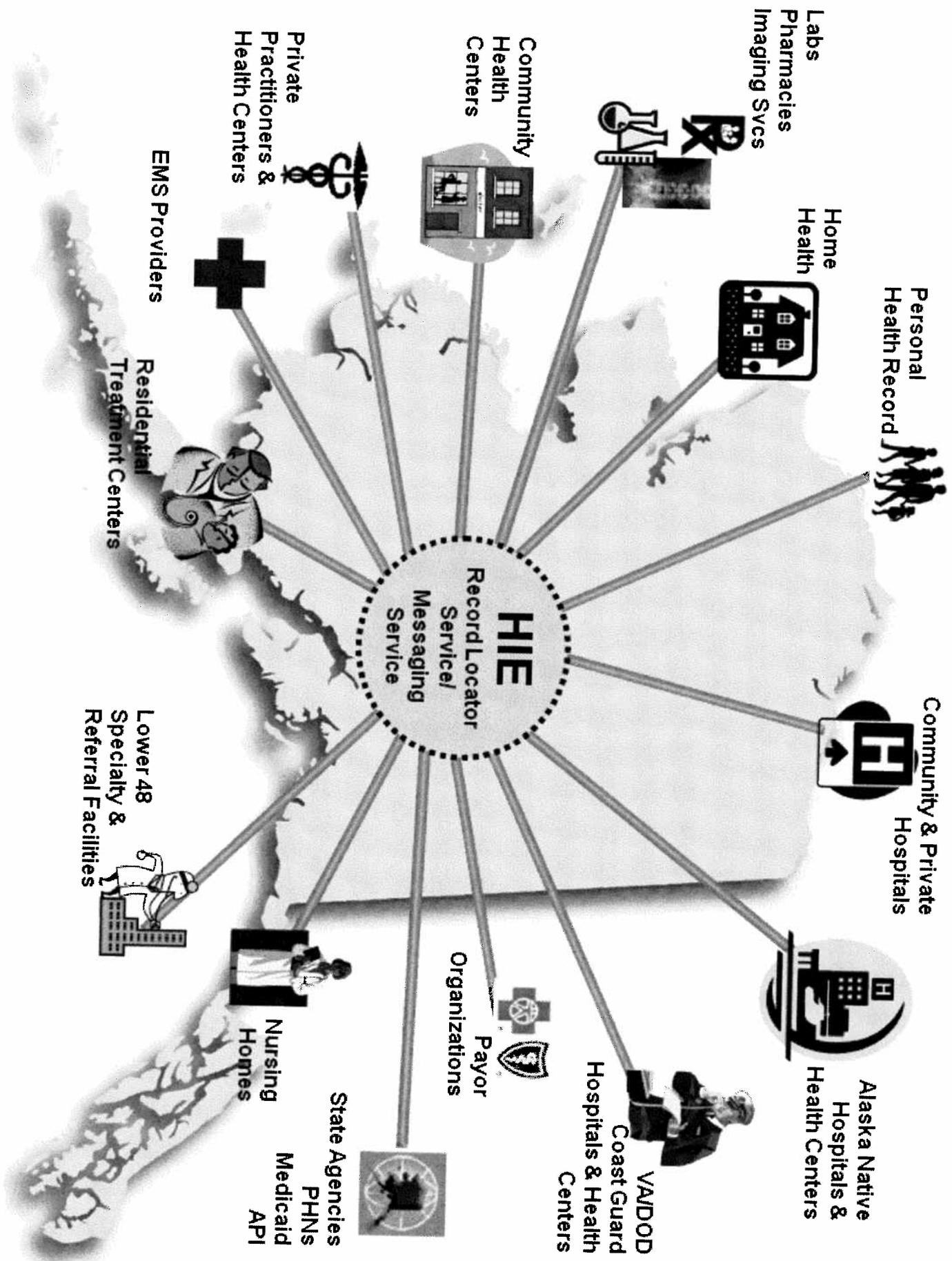
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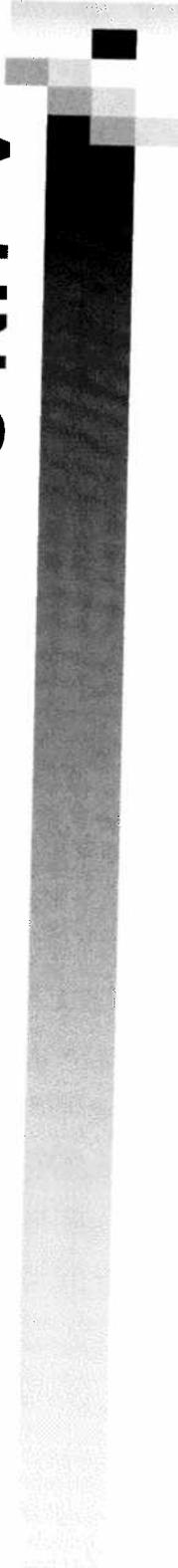




# Candy's story: 2008

- 30 year old Alaska Native woman with four children from Fairbanks
- Early ultrasound at ANMC indicated Downs Syndrome in fifth child
- Labor started in Fairbanks 5 weeks early
- Seen at Chief Andrew Isaac Health Center in Fairbanks and Fairbanks Memorial Hospital the same morning
- Medevac to Anchorage in the afternoon to Providence Alaska Medical Center
- Seen by Providence's pediatric intensivist at dinnertime
- No medical information available upon arrival!
- "So...how many kids do you have?"
- Candy delivered that evening
- "Junior" turned three last month





# AeHN Services

- **Health Information Exchange (HIE)\***
  - Composite Record Viewing
  - Master Patient Index / Record Locator Service
  - Secure Messaging
  - Audit / Privacy & Security
  - Personal Health Record
  - Public Health Reporting
- **Regional Extension Center (REC)**
  - Readiness Assessment
  - Selecting an EHR / Contracting with Vendor
  - Work Flow Design/Redesign
  - Training
  - Implementation Support
  - IT Support

## **Regional Extension Center Services for Clinicians and Hospitals**

- Federal monetary assistance for readiness
- Assist ~ 1000 Alaska health care providers in achieving benefits of a connected EHR system
- Provide technical support services to adopt, implement, and upgrade EHRs to meet federal meaningful use criteria, and secure CMS incentive payments
- Connectivity to HIE services





# Health Information Exchange Services

- Initial AeHN membership fee
  - Provider: \$100
  - Organization: \$1 per \$10,000 patient care revenue
- Standard single interface formats for
  - CCD, Lab, Radiology, e-Prescribing\*, Allergies, Problem List
- Standard security policies and procedures
- Participation / Data Use Agreements
- Access to health data from other providers



# Alaska HIE via Orion Health

- Software as a Service (SaaS) agreement
- Integration Engine
- Secure Messaging (push and/or pull)
- Clinical Portal & Image Viewer
- Enterprise Master Patient Index and Record Locator Service
- Clinical Data Repositories
- Notifications / Subscriptions
- Disease Management/Public Health
- Patient Portal
- NHIN Connect and Direct solution (2<sup>nd</sup> Qtr 2011)



# HIE Top Level Plan

- Phase I – Build the Base SaaS HIE configuration including the integration of four hospitals (ANMC-lab, Providence Alaska Medical Center, Fairbanks Memorial Hospital, and Bartlett Hospital) and four clinics (including one Indian Health Service EHR site)
  - Pilot deployment starting January 2011: 90 days deployment
- Phase IIa – Integrate the remaining Alaska hospitals and facilities within the HIE
  - Starting April 2011
  - 30 days per hospital (total 27 Alaska hospitals)
- Phase IIb – Deploy the remaining SaaS services as necessary: Patient Portal, \*ePrescribe, etc.: Fall 2011 (60-90 days)



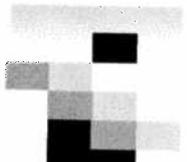
# Alaska HIE integration

- Key system players:
  - -Alaska Tribal Health System: 140,000
  - -Department of Defense: 75,000
  - -Coast Guard: 10,000
  - -Veterans Health: 45,000
  - -State Medicaid: ~100,000
  - -Private insurers: ~150,000
  - -Private hospitals/providers/ancillary
  - -Community health centers



# AeHN Sustainability

- Estimated AeHN recurring HIE cost beyond 2011: \$3.2M
- Proposed provider/insurer cost share:
  - 25% or \$800,000 for FY2012
- Proposed State of Alaska cost share:
  - 75% or \$2.4M for FY2012



# Questions??

For more information please contact:

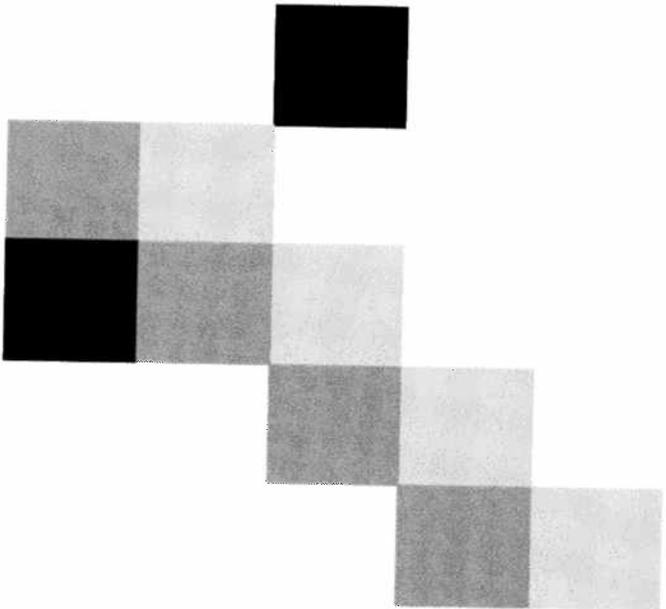
Alaska eHealth Network: [www.ak-ehealth.org](http://www.ak-ehealth.org), (866) 966-9030

Alaska REC: Jim Landon, [jim@ak-ehealth.org](mailto:jim@ak-ehealth.org), Ext. 4

Alaska HIE: Bill Sorrells [bill@ak-ehealth.org](mailto:bill@ak-ehealth.org), Ext. 5

President: Paul Sherry [psherry@anthc.org](mailto:psherry@anthc.org), Ext. 3





**Thank You!**

