



Long Beach Network for Health

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Care
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Laura Landry
LBNH Acting Project Director
City of Long Beach DHHS Technology Coordinator
eMail: laura_landry@longbeach.gov
Voice: 562-570-4148



Overview

- ❑ Organization
- ❑ Project and Technology Approach
- ❑ Overview of Pilot Project



Organization



A Public-Private Collaboration

- ❑ City of Long Beach Department of Health and Human Services
- ❑ City of Long Beach Board of Health and Human Services
- ❑ Community Hospital of Long Beach
- ❑ COPE Health Solutions
- ❑ HealthCare Partners
- ❑ Institute of Community Pharmacy
- ❑ L.A. Care Health Plan
- ❑ Los Angeles County Department of Health Services
 - ❑ Harbor/UCLA MC
- ❑ Los Angeles County Department of Public Health
- ❑ Los Angeles County Medical Association
- ❑ MemorialCare Medical Centers
 - ❑ Long Beach Memorial MC
 - ❑ Miller Children's Hospital
- ❑ Memorial Healthcare IPA
- ❑ Molina Health Care
- ❑ Public Health Foundation Enterprises
- ❑ SCAN Health Plan
- ❑ Talbert Medical Group
- ❑ The Children's Clinic: Serving Children and Their Families

Mission and Vision

□ Mission

A coalition of healthcare providers and stakeholders committed to improving the quality of care available in Long Beach through the development of an information rich and fully interoperable healthcare system.

- Long Beach Network for Health will develop information tools and metrics to achieve the following objectives:
 - ✓ Improvement of Health Care Quality
 - ✓ Advancement of Public Health Surveillance and Reporting
 - ✓ Enhancement of Chronic Disease Management

LBNH's Governance



A 501(c) 3 Nonprofit Corporation

Initial Governance (July, 2005 – June, 2007):

- ❑ A program incubated by Public Health Foundation Enterprises (PHFE)
- ❑ Allowed immediate project-based focus on accomplishing the goal without the need for huge administrative/legal/insurance costs
- ❑ Leveraged resources, reduced administrative overhead, & built efficiencies to positively impact mission and outcome
- ❑ Enabled focus on long term sustainability and capacity

Transitional Governance (June, 2007 – December, 2008):

- ❑ LBNH Planning Committee becomes the Board of Directors for LBNH Non-Profit Corporation

Target Governance (December, 2008 and beyond) :

- ❑ Membership elected representative Board of Directors with community health advisory board(s)



LBNH is Dynamically Committee Driven

❑ Communication

- Designing a communications strategy to engage stakeholders and educate on the value of HIE
- Develop Focus Groups for Physician and Patient Input

❑ Finance and Standards

- Providing oversight of fundraising and disbursement activities

❑ Privacy & Security

- Developing policies and standards to insure privacy and security
- Finalizing Data Use agreements

❑ Technology

- Defining standards for the exchange including interoperability
- Developing data sharing agreements among stakeholders

❑ Clinical

- Developing a set of quality improvement programs to leverage availability of data



Progress & Accomplishments

- ❑ Selected pilot project partners
 - ❑ Community Hospital of Long Beach
 - ❑ Healthcare Partners Medical Group
 - ❑ Los Angeles County Harbor/UCLA Medical Center
 - ❑ MemorialCare's Long Beach Memorial and Miller Children's Hospitals
 - ❑ Talbert Medical Group
- ❑ Selected vendor
 - ❑ First Consulting Group
- ❑ Assessment of information exchange capacity
 - ❑ Participants have significant internal technical capability & clinical data sources
- ❑ Pilot project planning completed
 - ❑ Finalizing Master Services Agreement with FCG for Pilot Project
 - ❑ Finalizing data use agreements
 - ❑ Acquiring signed data use agreements
 - ❑ Anticipated project launch 09/2007 (upon receipt of UASI 2006 pilot project monies)
- ❑ Community Benefit Model Completed

Common Obstacles Resolved by LBNH

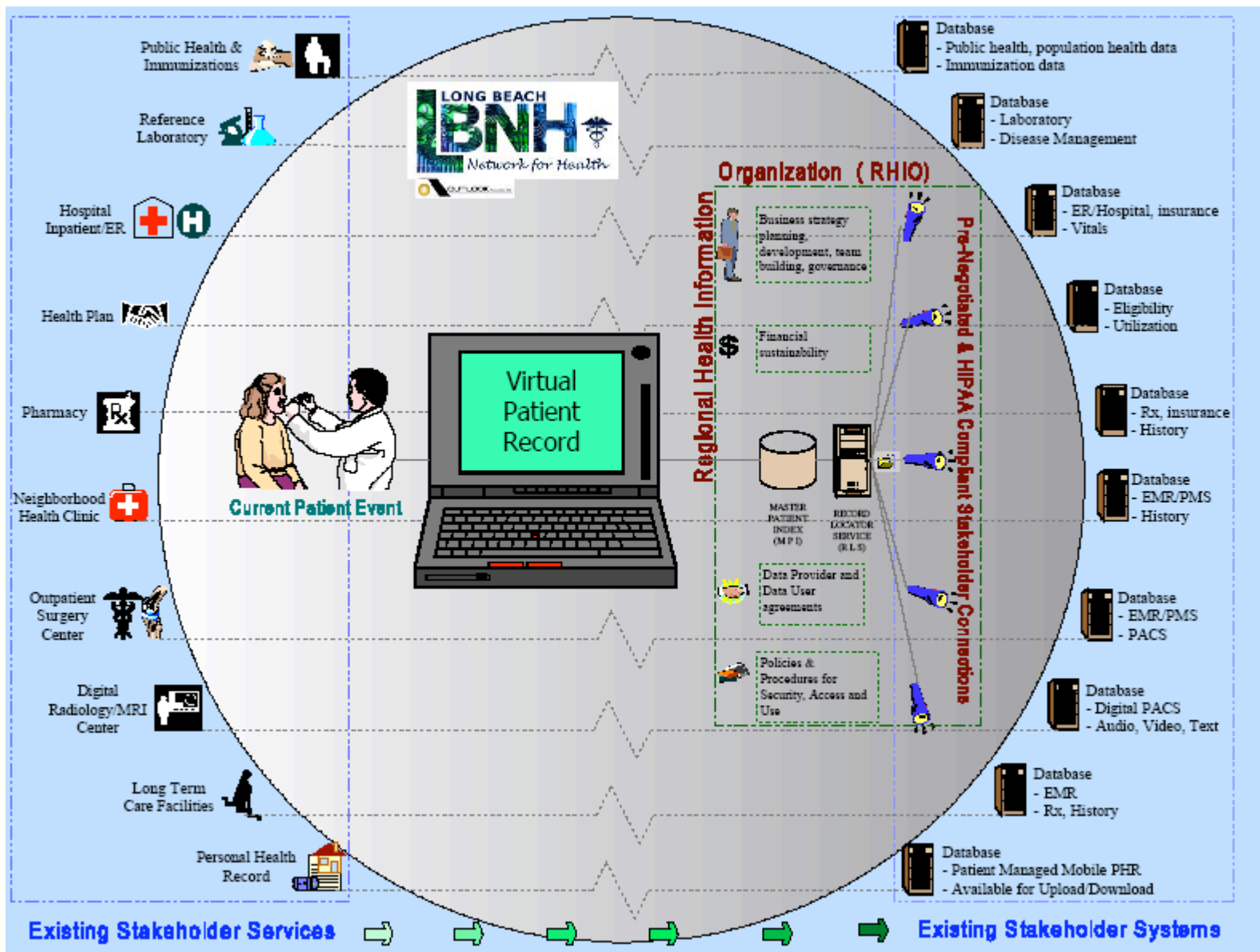
- ❑ Varying state of readiness for organizations' HIT adoption
- ❑ Lack of resources (staff, time, money) to plan, implement, manage and support HIT
- ❑ Lack of common technical framework to support integration with other HIE efforts
- ❑ Lack of support from CFO and security officer in the organization
- ❑ Difficulty reserving training time for clinicians
- ❑ Inability to absorb the planning effort due to competing priorities
- ❑ Inability to absorb interruption to business operations and resultant revenue reduction
- ❑ Lack of management capability to guide change processes within the organization
- ❑ Overall financial feasibility
- ❑ Lack of trust in the network infrastructure
- ❑ Fear of inequitable distribution of costs and benefits across stakeholder groups
- ❑ Inability to use for robust data utilization (trending etc.)



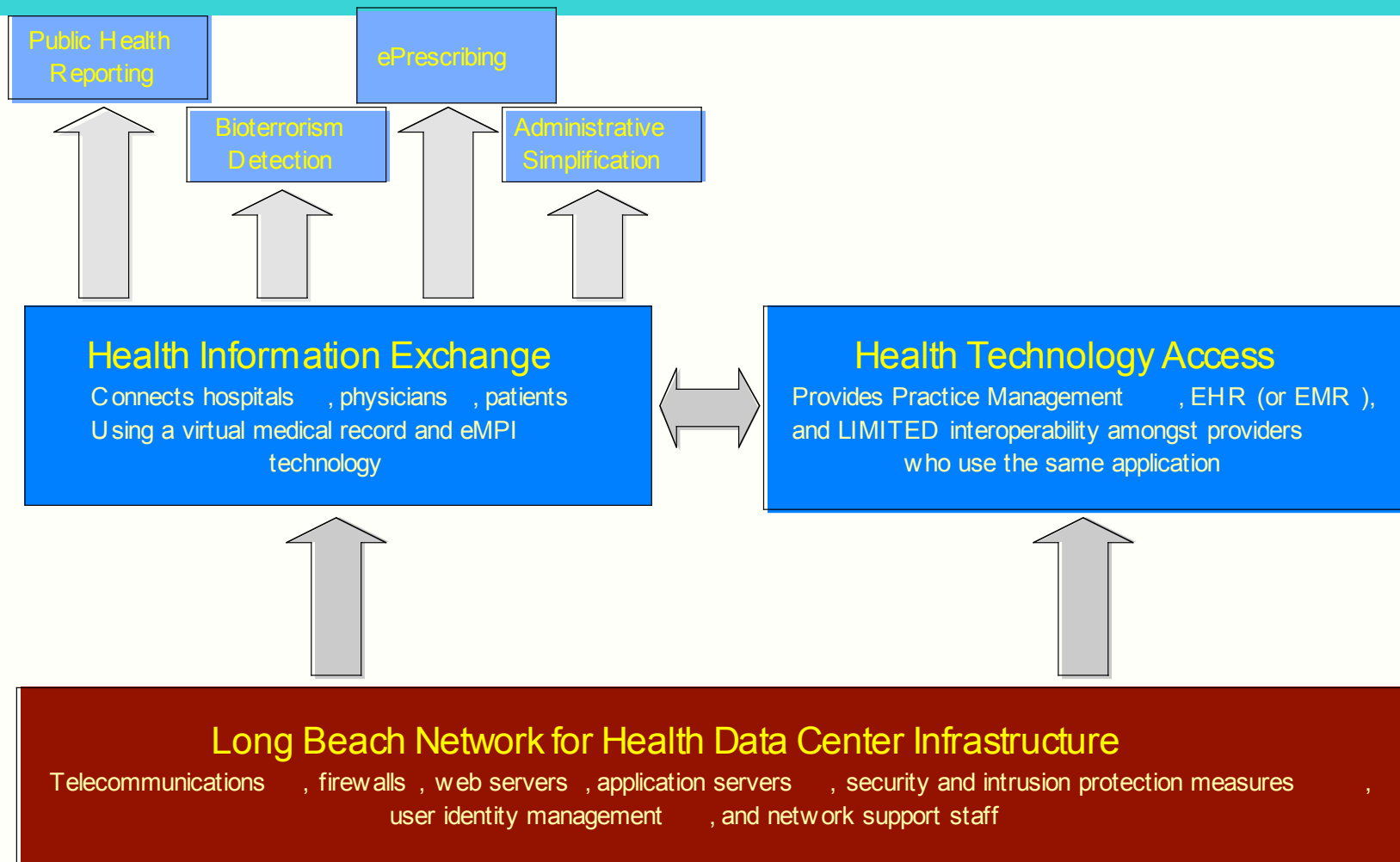
Project and Technology Approach

Public Health and Clinical Care
Coming Together to Solve
Community-wide Problems





LBNH Operational Vision



Future Community Projects for LBNH

Access to Health Information Exchange Portal In Safety Net and/or Other Clinical Settings:

- Technical capacity building
- Hardware
- Access to internet
- Technical support
- Training (basic computer and portal)
- Credentialing

Expansion of Data Contributors (additional hospitals, medical groups)

- Technical capacity assessment
- Hardware/software licenses
- Training
- Data Use Agreements

Health Literacy

- Develop picture-based, culturally competent health educational material

Community Health Assessment

- Maternal and Child Health Assessment
- Health Research
- Geo-mapping of chronic diseases (by zipcode)

Administrative Simplification

- Eligibility checking
- Claims delivery
- Community-wide patient identity management
- Treatment Authorization processing

Community-wide applications

- Disease registry development
- Referral management
- Disease management

Services:

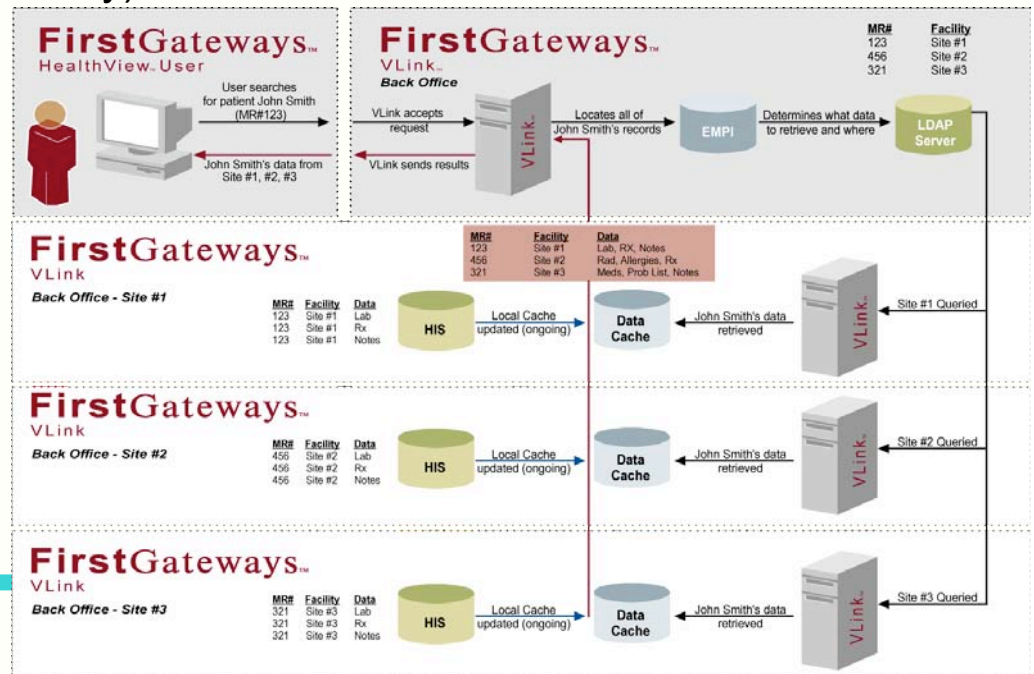
- Hardware/Software technical support
- Group purchasing contracts for small practices
- EPM/EMR assessment or implementation assistance
- Education

Patient Care Record:

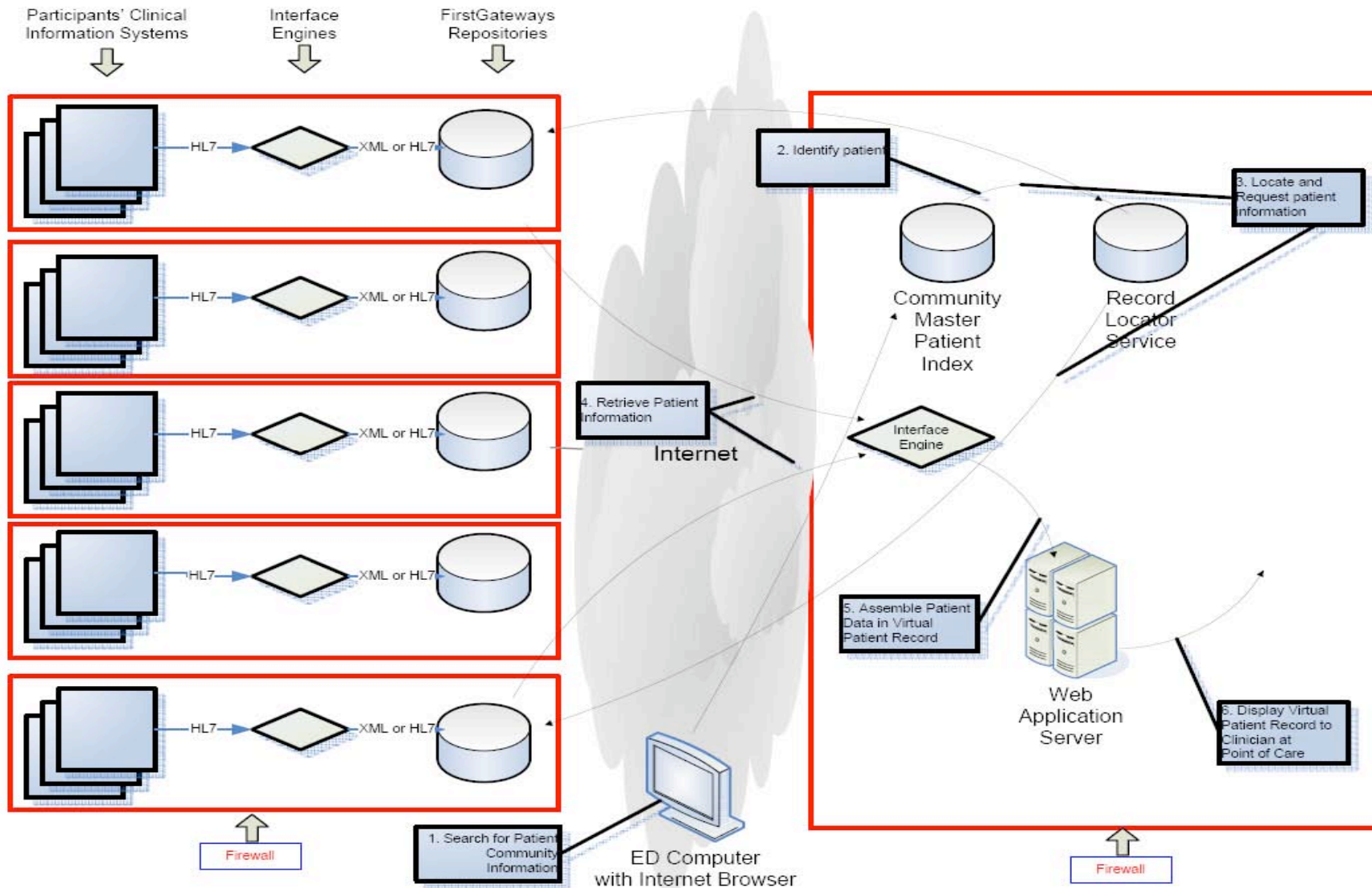
- Selection or development of product
- Outreach
- Education
- Access
- Technical Support
- Training
- Identity Management

LBNH's HIE Partner First Consulting Group

- ❑ Long Beach based company
- ❑ Utilizing turnkey FirstGateways exchange solution platform
- ❑ Hybrid federated standards-based architecture
- ❑ Product comprised of:
 - ❑ Customizable web application (HealthView™)
 - ❑ Back office services (MPI, RLS, security)
 - ❑ Integration/data mining services
 - ❑ Library of commercial interfaces
- ❑ Proven & demonstrable
- ❑ Rich patient clinical history information made available at the point of care
- ❑ Part of NHIN project (part of Northrop Grumman group)



Technical Architecture





Health Information Exchange in Greater Long Beach Area

Linking Emergency Departments with Available Patient Data
and
Regional Mass Casualty Patient Tracking System Pilot



Emergency Department Linkage Project

- ❑ Long Beach / South Bay Health Information Exchange
 - ❑ Data Providers
 - ❑ Community Hospital of Long Beach
 - ❑ LAC Harbor/UCLA Medical Center
 - ❑ Long Beach Memorial Medical Center & Miller Children's Hospital
 - ❑ Healthcare Partners Medical Group
 - ❑ Talbert Medical Group
 - ❑ Data Available to the Emergency Departments of the 3 hospitals
 - ❑ medications
 - ❑ lab results
 - ❑ problem lists
 - ❑ discharge summaries
 - ❑ radiology reports
 - ❑ discharge diagnosis
 - ❑ and consultant reports

Regional Patient Tracking Project (UASI '06)

□ Objectives

- Identify victims of a disaster
- Link victim's medical data with disaster assistance data
- Provide the "cornerstone" for a regional patient tracking system

□ Planned Actions

- Create disaster-related entry for Triage Tags in the Regional Master-Patient Index

□ Enhancement Actions

- Interface with Reddinet Patient Tracking module
- Use field devices to collect data at disaster or shelter sites

Current Challenges/Opportunities

- ❑ Funding and securing dedicated project resources
 - ❑ Secured:
 - ❑ UASI '06 \$546K – Awarded, sub-contract pending from primary grantee
 - ❑ Proposals Submitted
 - ❑ CDC Situational Awareness
 - ❑ ONC National Health Information Network Trial Implementation
- ❑ Establishing, expressing, and verifying value
- ❑ Privacy and security of PHI
 - ❑ ED pilot project has no concerns
 - ❑ Presenting data to physician offices and consumers raises more concerns for data providers
- ❑ Medical group stakeholders express some limited concern for incurring additional uncompensated