Connecting California -- Building a Statewide Health Information Exchange
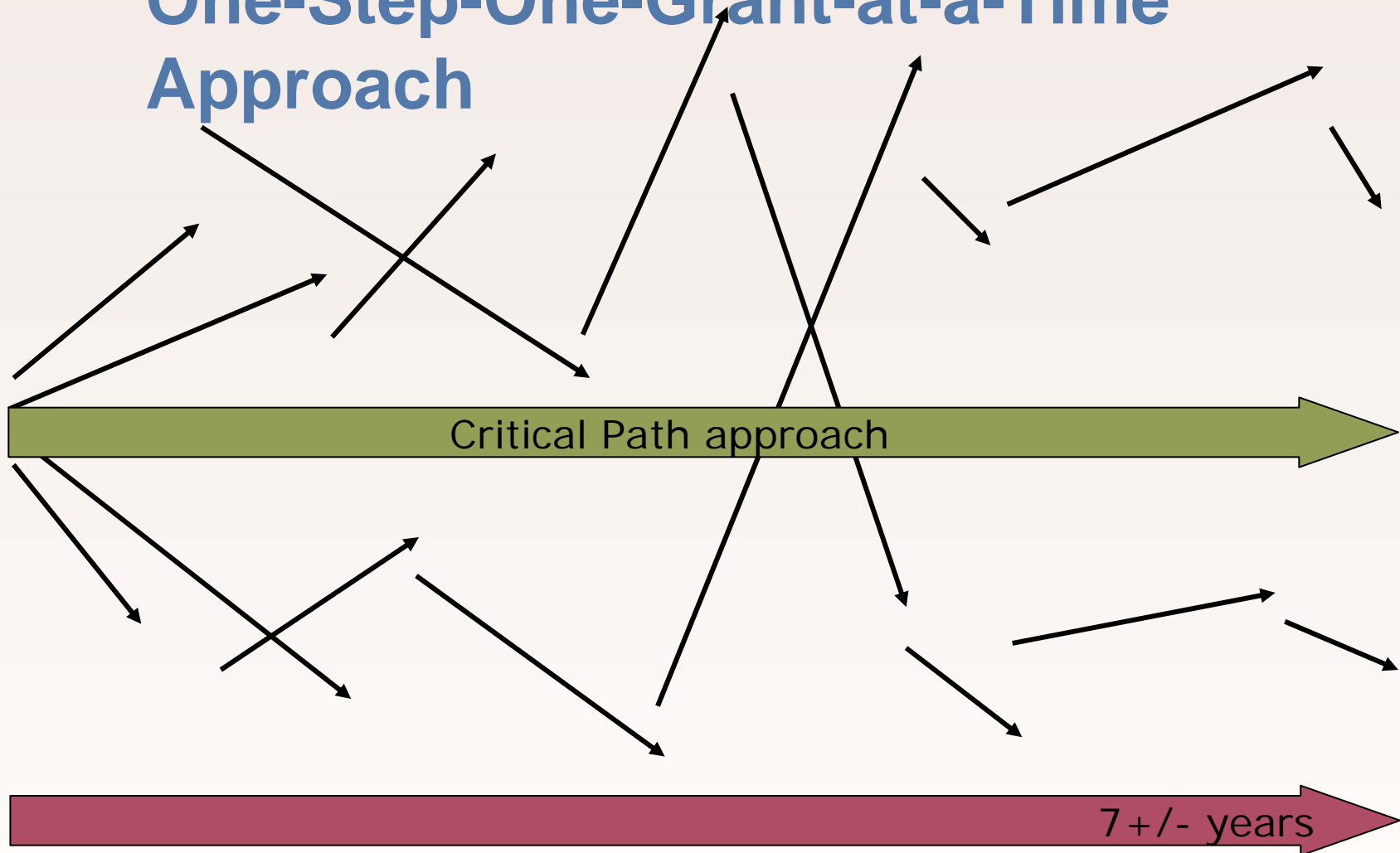
Donald Holmquest, MD, JD, PhD
CalRHIO President and CEO

Connecting **California**

Cal✦RHIO

Critical Path vs. One-Step-One-Grant-at-a-Time Approach

Critical Path approach

7+/- years

The End Points of the Critical Path

Starting Point

- Santa Cruz – functioning
  - Results "push" to physicians
  - eRx
- 15 other local and regional HIE efforts identified in various stages of development
- 24 of 58 counties with some level of HIE activity

- 7 year effort
- Completion by 2014 target established by President Bush and Gov. Schwarzenegger

Completion

- All major metropolitan areas exchanging comprehensive data elements
- Large rural areas
  - Results "push"
  - Lab results from national laboratory companies
  - Medication history from national chains and PBMs
  - Medi-Cal and community clinic RLS to provide access when rural patients present in larger medical communities
- Collectively, 90% of state patients have health information that can be accessed by their care providers and, where available, by Personal Health Records (approx. 35 million patients)
- Research
 - New therapies
  - Disease management

CalRHIO: Health Information Exchange Utility

- Utility services facilitate interoperability at the local, regional, and statewide level based on varying requirements for HIE

- Core utility services needed for any HIE initiative:
  - Patient identity services
  - Access control services
  - Integration services

- Value to users; savings for all by leveraging shared services

- The concept of sharing commonly needed services is not new:

  History of the U.S. Electric Power Industry, 1882- 1991

  "It featured reliable central generation, efficient distribution, a successful end use (in 1882, the light bulb), and a competitive price."

  Regarding the Thomas Edison's Pearl Street electricity generating station, which opened September 4, 1882, in New York City

U.S. DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, EDISON NATIONAL HISTORIC SITE
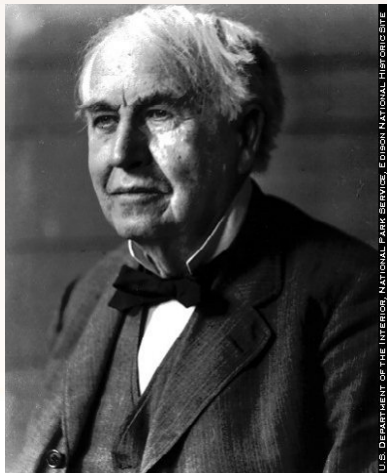
Statewide Health Care Information Exchange Backbone

State Layer
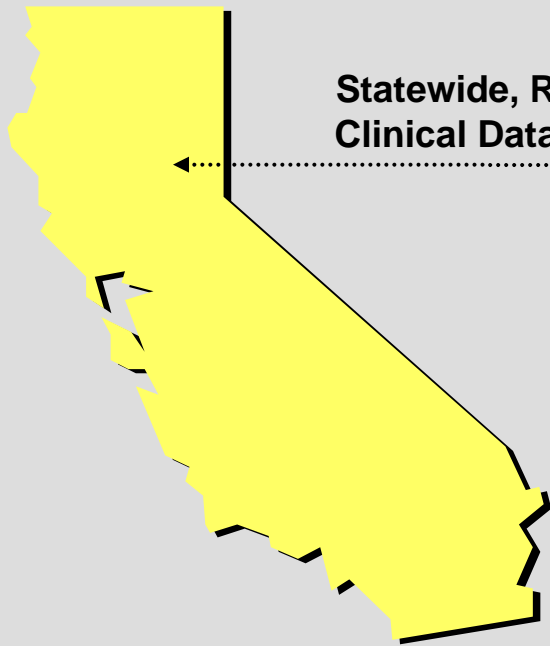
Statewide, Real-time Clinical Data Access

Statwide California Clinical Data Services

Services
- MPI
- RLS
- EMR Gateway

Data
- Patient
- Payor
- Provider

- Claims History
- RxHub
- SureScripts
- National Labs

National Data Feeds

Regional Overlay

Regional Layer

State Layer

National Data Feeds

EMR Gateway

Regional Reporting

Local Data
(From Labs, Hospitals, EMR)

State of California Clinical Data Services

Services

MPI | RLS | EMR Gateway

Data

Patient | Payor | Provider

Region A

Region B

Region C
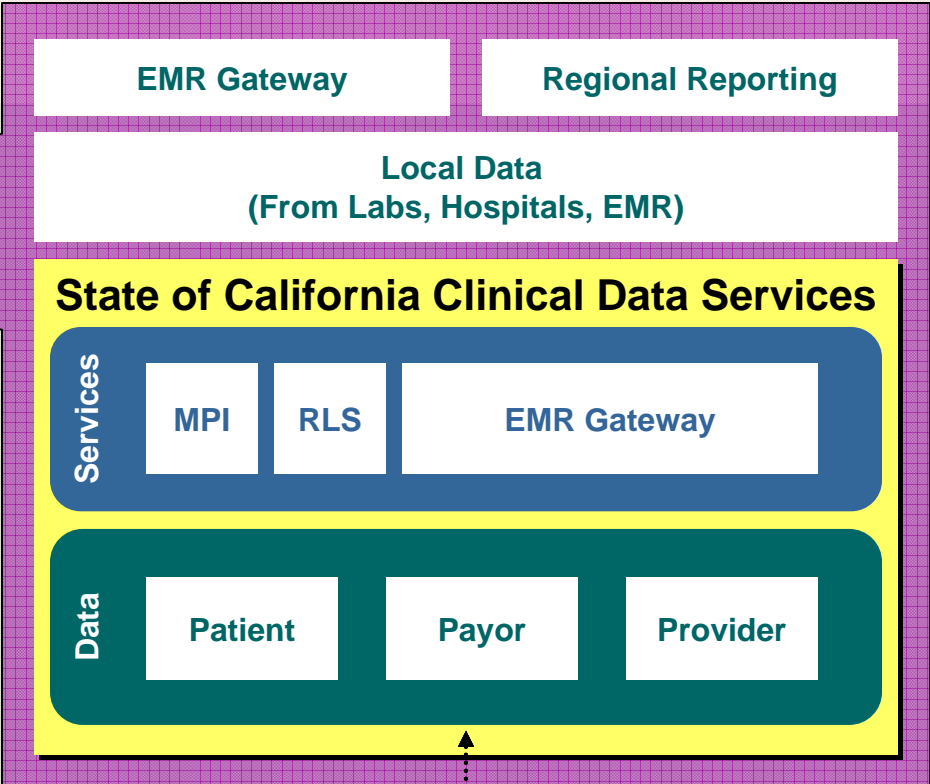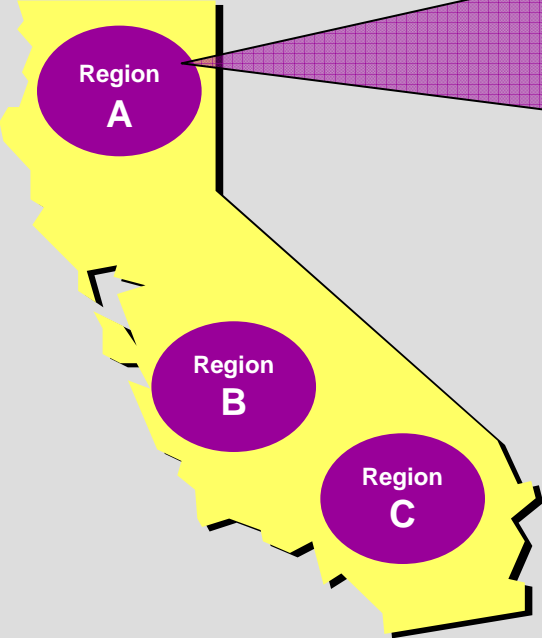
Claims History | RxHub | SureScripts | National Labs

Collaborating for the Secure Sharing
of Health Information

For further information
contact:

Don Holmquest, MD
dholmquest@calrhio.org
415-537-6939
www.CalRHIO.org