

Connect Virginia

Advancing Virginia's Health Care

HITSAC MEETING DECEMBER 15, 2015



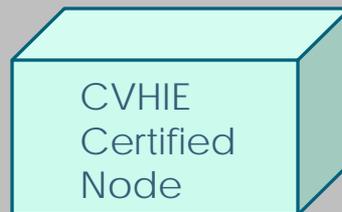
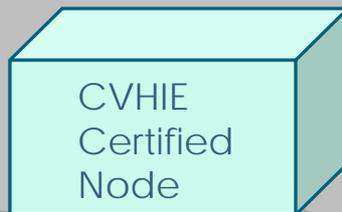
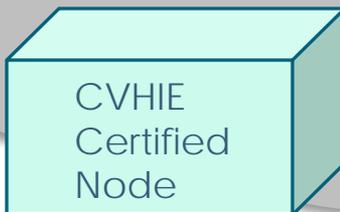


EXCHANGE



eHealth Exchange

110 Participants
100M+ Patients

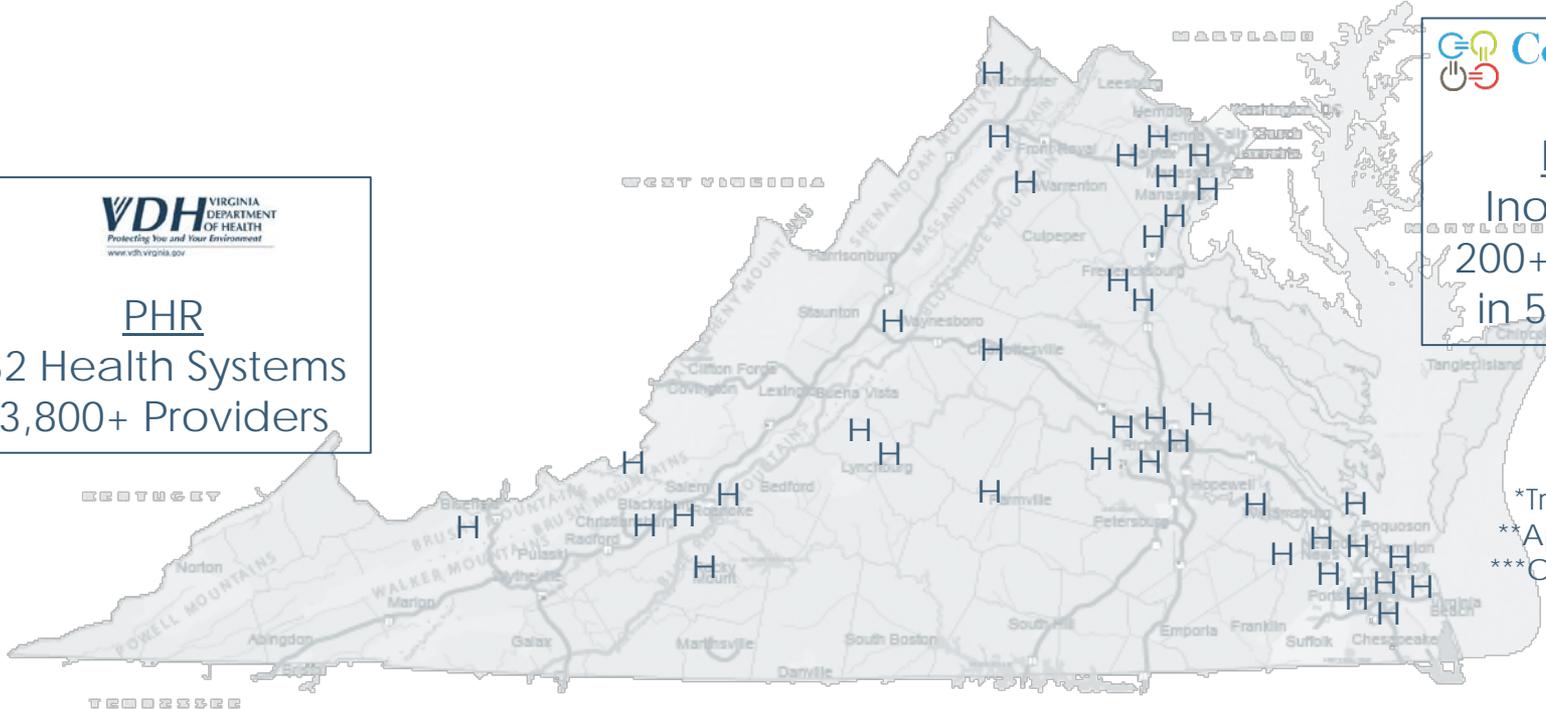


Other Participants...

A "Connected Commonwealth"



PHR
32 Health Systems
3,800+ Providers




E-Alerts
Inova – ADTs
200+ physicians
in 5 practices

*Transitioning to CV
**Application approved
*** Onboarding

eHealth Exchange

Sentara
Carilion*
VA
DoD
SSA




Inova
Virginia Hospital Center
Valley Health
UVA Health System
Augusta**
Mary Washington**



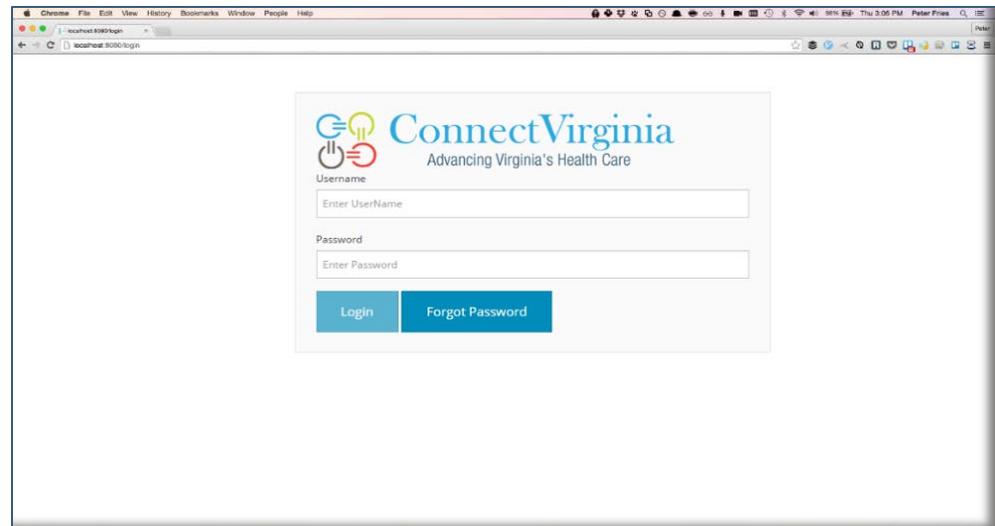

Bon Secours
Centra
VCU***



STREAMLINE

One-stop access to clinical information

- Virtual longitudinal health record
- Role Based Access: Practice and Hospital users
- Access to federal and private healthcare partners across eHealth Exchange
- Used for treatment, payment and operations purposes
- Searches and retrieves partner clinical data and renders and parses the information into a single chart within clinical components





Clinical Chart

- Clinical Document Summary (C-CDA and C62) rendering that has multiple clinical components – Demographics, Providers, Allergies, Encounters, Immunizations, Medications, Payers, Problems, Procedures, Results-Clinical Notes, Laboratory, Radiology, Pathology, etc.
- Filtering and printing by participant, across sources, within sections, within results

The screenshot displays the Connect Virginia Clinical Chart interface for a patient named Chdrone Chdrzzztestpatient. The interface is divided into several sections:

- Participants:** Shows search status for Bon Secours VA (1/1), DOD (33/33), and VA (0/0).
- Clinical Sections:** A sidebar menu with options: Demographics, Providers, Allergies, Encounters, Immunizations, Medications, Problems, Procedures, Results, Clinical Notes, Laboratory, Pathology, Radiology, and Vital Signs.
- Search and Refine Search:** Search criteria include First Name: chdrone, Date of Birth: 3/3/1960, Middle Name, Social Security Number: 666000001, Last Name: chdrzzztestpatient, and Gender: Male. A "Filter All Tables" button is visible.
- Demographics:** A table listing patient information across different sources.
- Results: Laboratory:** A table of laboratory test results with columns for Date/Time, Battery, Test, Result, Reference Range, Interpretation Code, Status, and Source.
- Results: Radiology:** A table of radiology results with columns for Date/Time, ID, Test, and Source. The ID 8613548 is highlighted with a red box and an arrow.
- Radiology Image:** A chest X-ray image is displayed, showing the thoracic cavity.



Public Health Reporting



Provider's
Information
System



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VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment

www.vdh.virginia.gov

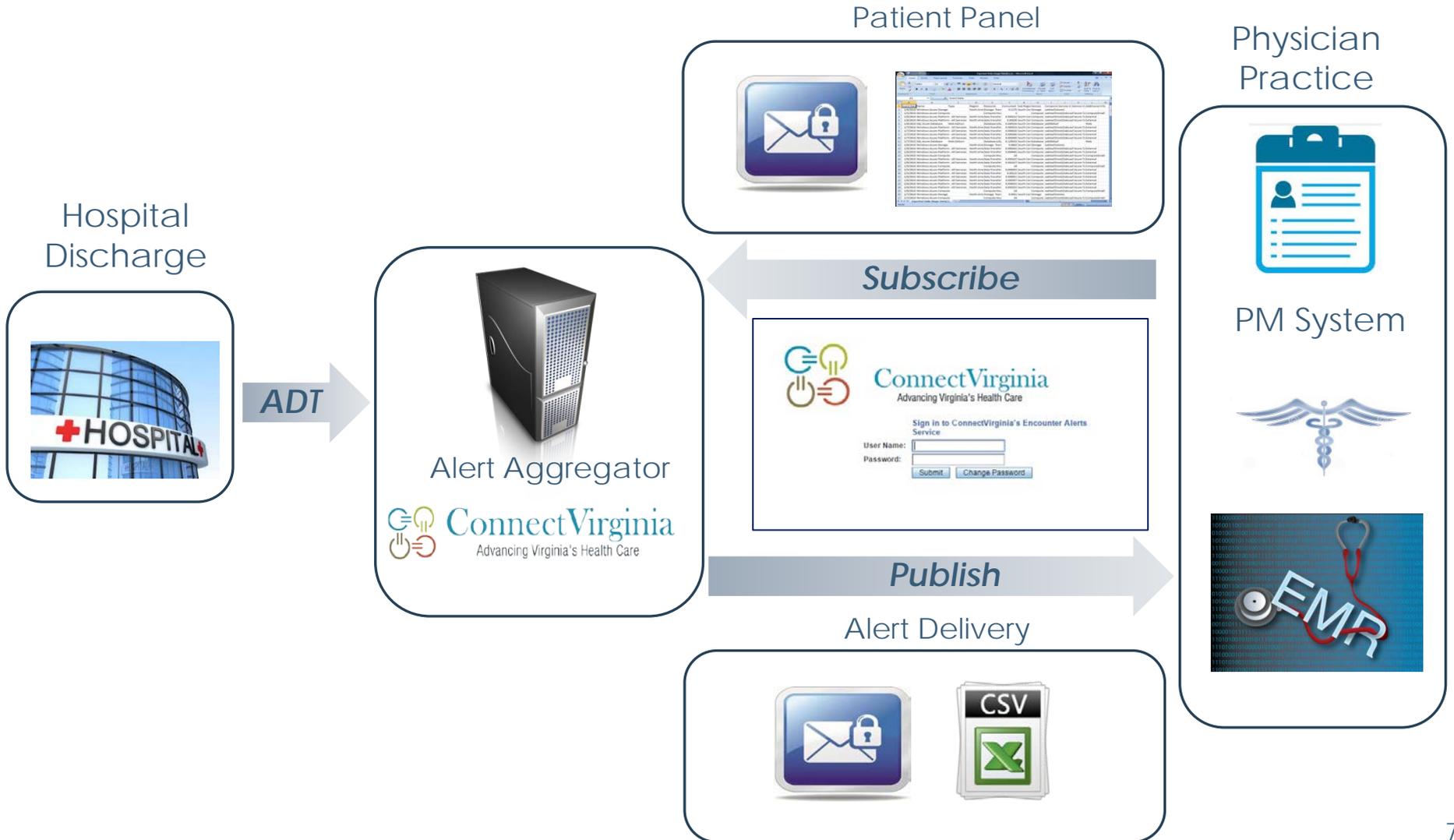
- ELR
- Syndromic Surveillance
- Immunizations
- Cancer Registry

VDH Specified Standard Content
via HTTPS or SFTP

Delivered per VDH web
service specification

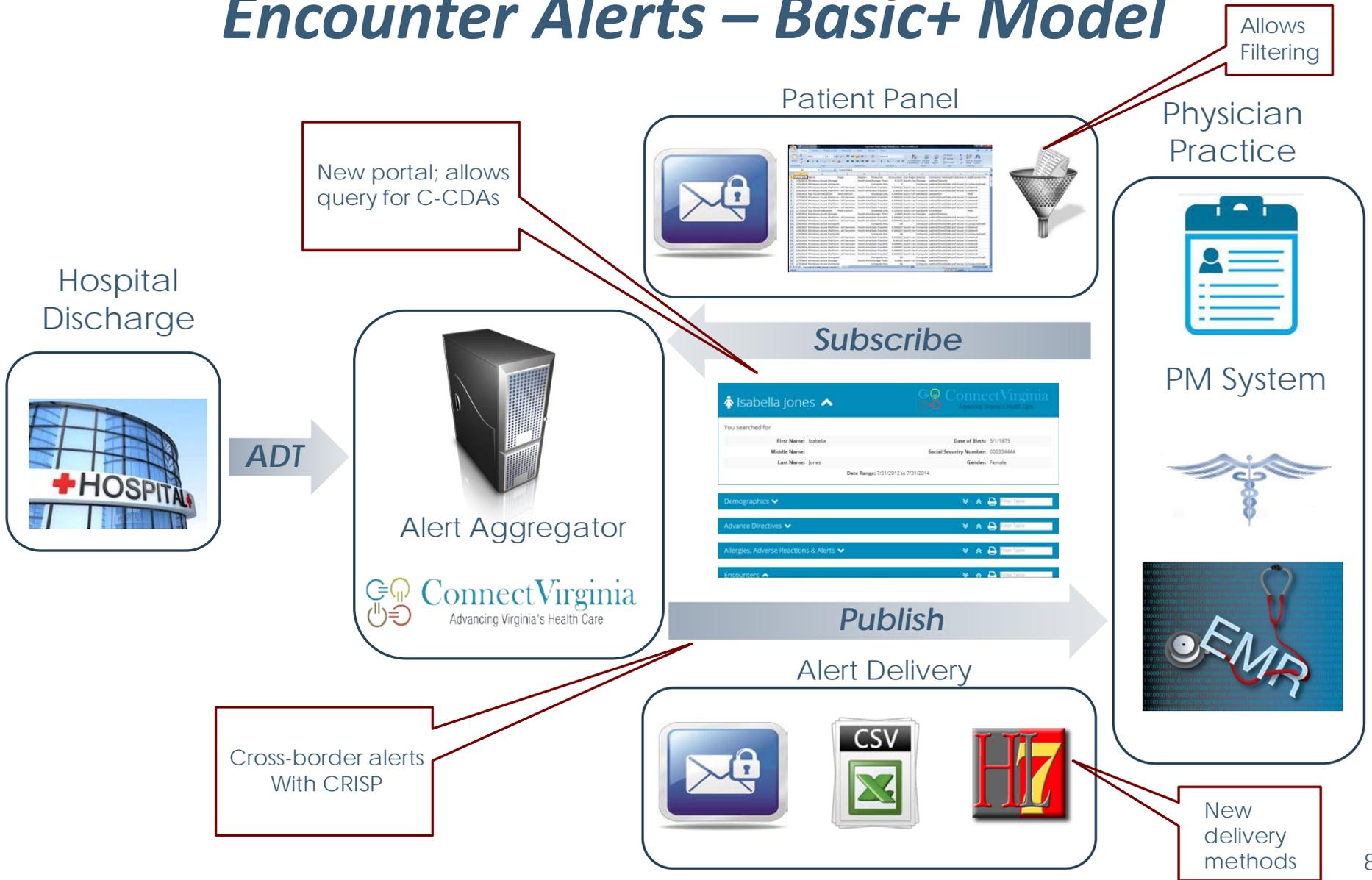


Encounter Alerts - Basic Model





Encounter Alerts – Basic+ Model



New portal; allows query for C-CDAs

Allows Filtering

Hospital Discharge

ADT

Alert Aggregator

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Patient Panel

Subscribe

Physician Practice

PM System

Isabella Jones

You searched for

First Name: Isabella	Date of Birth: 5/1/1975
Middle Name:	Social Security Number: 00334444
Last Name: Jones	Gender: Female
Date Range: 7/31/2012 to 7/31/2014	

Demographics

Advance Directives

Allergies, Adverse Reactions & Alerts

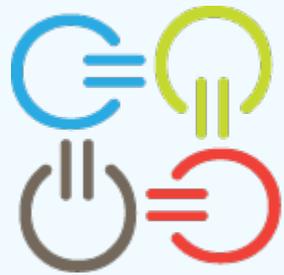
Encounters

Publish

Alert Delivery

New delivery methods

Cross-border alerts With CRISP



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Moving Forward



Products and Services Committee

- Introduce a process for identifying and vetting opportunities
 - ❑ Ideas are proposed in writing to this committee from a sponsor
 - ❑ Evaluation – Value, technology, regulatory, legal, policy & procedures
 - ❑ Submit to CVHIE Board of Directors if action is needed
 - ❑ Add to Products and Services Roadmap



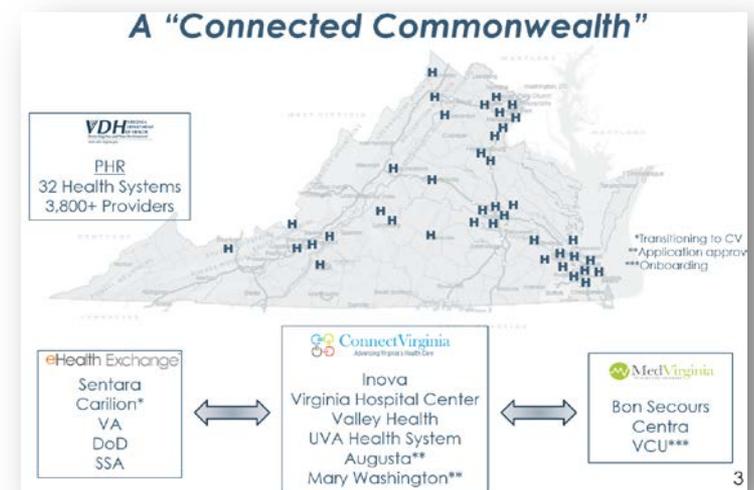
Priorities

- Increase connectivity to non-Epic hospitals
- Connectivity to ambulatory providers for referrals/transfers
- Encounter Alerts deployment statewide
- Communication improvement/expansion
- Provider Portal expansion
- Results Routing



Additional Opportunities

- Genomics
- Bi-Directional Immunization Registry Data
- DMAS / DSRIP
- Death and Birth Registries
- Behavioral health
- Ambulatory connectivity
- Results routing
- SIM Planning Grant
- APCD
- Wounded Warriors (VLER)



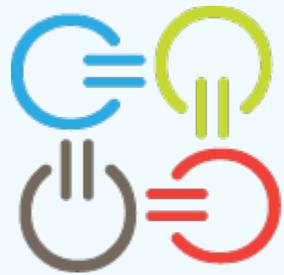


Meaningful Transformation



Meaningful Information





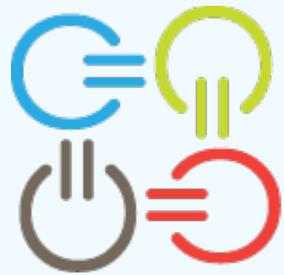
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Building Bridges: Current and Future Roles for HIE



*St. Johns Bridge
Portland, OR
205 feet*



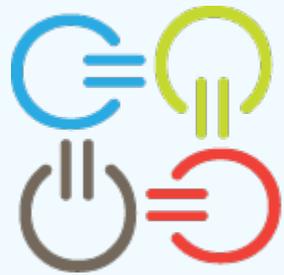
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Data Suppliers – Data Receivers



*Golden Gate Bridge
San Francisco, CA
220 feet*



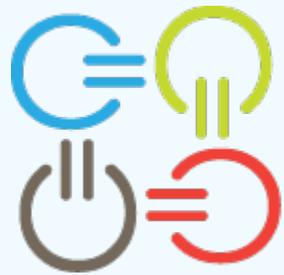
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Hospital - Hospital



*Robert O. Norris Bridge
White Stone, VA
110 feet*



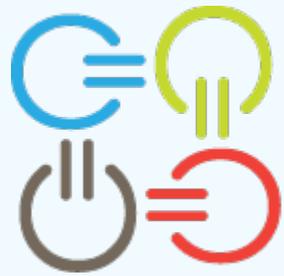
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Military - Civilian



*Mackinac Bridge
Michigan
200 feet*



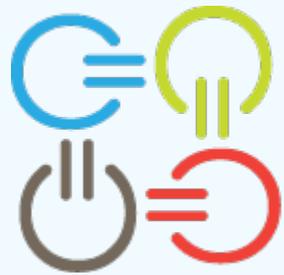
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Payers - Providers



*Old Cooper River Bridge
Charleston, SC
285 feet - Grade F*



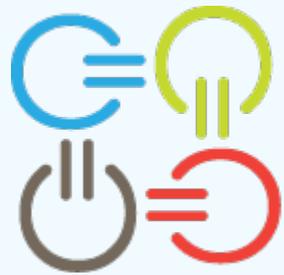
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Hospital - PCP



*Harry Nice Bridge
135 feet*



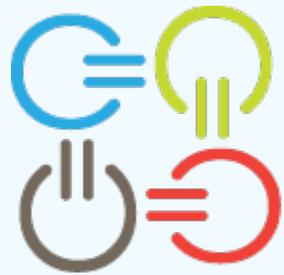
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Provider - Provider

*Ponte Vecchio
Florence*





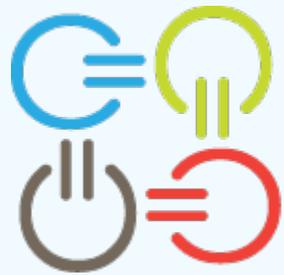
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Home - PCP



*Royal Gorge
Arkansas River, CO
1,053 feet*



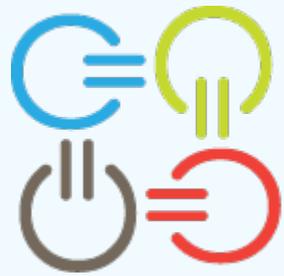
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Data Suppliers \neq Data Receivers
“Data Blocking”



*Tower Drawbridge
London*

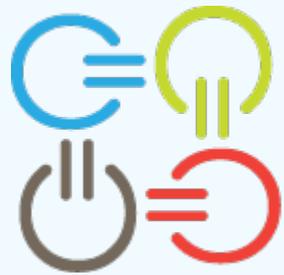


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*Somerset Bridge
Bermuda*



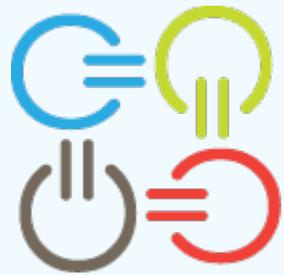
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API - API

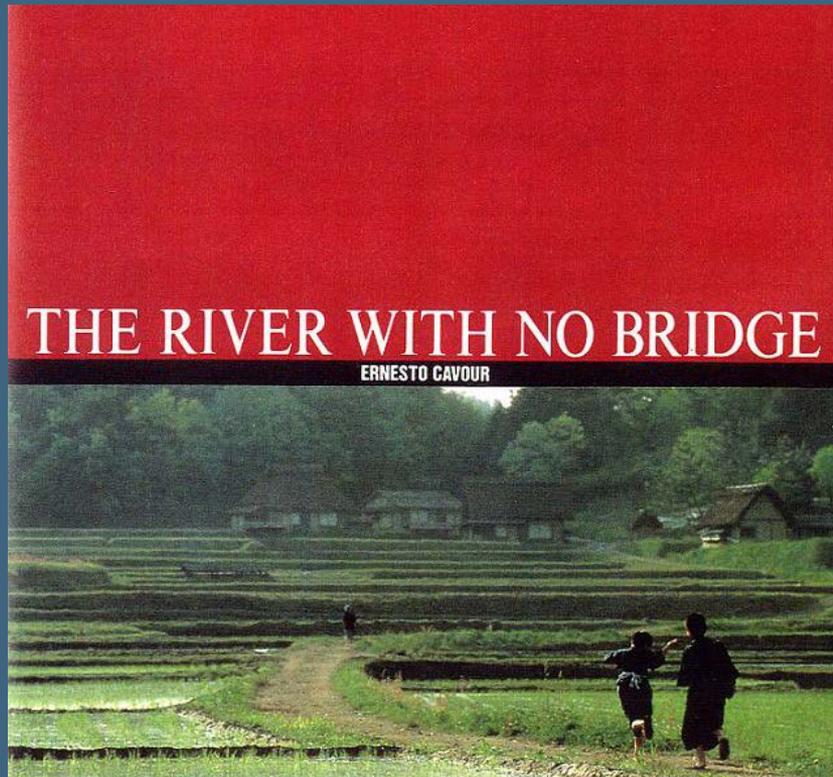


*Rainbow Bridge
Niagara Falls
202 feet*

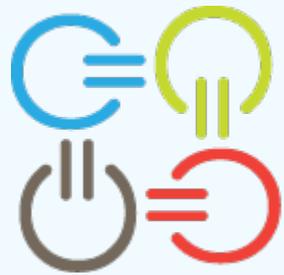


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- Physicians
- Behavioral Health
- Long-term Care



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