HIMSS16
Conference & Exhibition
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TRANSFORMING HEALTH THROUGH IT

The Sequoia Project

Connected We Stand!

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Meet The Sequoia Project

Why “The Sequoia Project”?

- Sequoia trees are among the most enduring, massive living things.
- An interconnected root system allows individual trees to support each other, making the entire system stronger.

A thriving health IT community requires interconnected organizations working together for the benefit of all.

Connected We Stand.

The Sequoia Project's Role

The Sequoia Project is a trusted, independent convener of industry and government

We work to address the challenges of secure, interoperable nationwide health data sharing.

SECURE

INTEROPERABLE

NATIONWIDE

Current Sequoia Project Initiatives

eHealth Exchange™

The **eHealth Exchange** is the largest and fastest growing health data sharing network in America.

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carequality

Carequality facilitates consensus on a standardized, national-level interoperability framework to link all data sharing networks from across the entire healthcare ecosystem.

RSNA® Image Share VALIDATION

RSNA Image Share Validation Program is an interoperability testing program to enable seamless sharing of medical images.

Largest Health Data Sharing Network in the U.S.

Today, the **eHealth Exchange** connects:

All 50 states

4 federal agencies
(DoD, VA, HHS including CMS, and SSA)

~50% of U.S. hospitals

26,000 medical groups

3,400+ dialysis centers

8,300 pharmacies

Supporting more than 100 million patients

HIMSS16

Carequality Interoperability Framework

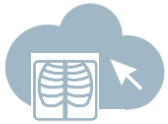
A Comprehensive Framework to Unite Healthcare

Common rules of the road: In order for the varied participants to trust each other with health information, everyone needs to have a legal obligation to abide by the same rules.

Well-defined technical specs: Shared rules are not enough; clear standards must be laid out in an implementation guide that all implementers can follow and be validated against.

A participant directory: To connect using the common standards, systems must know the addresses and roles of each participant.

RSNA Image Share Validation



What is a Validation Program?

- Tests compliance of vendor systems
- Builds on successful RSNA Image Share program
- Encourages adoption of image sharing capabilities
- Standards-based interoperability spurs innovation

Benefits for Patient & Providers

- Improves patient – provider communication
- Engages patients in their care
- Improves efficiency
- Reduces costs
- Enhances quality of care

Moving From **Pockets of Interoperability** to **Seamless Interoperability Nationally**

Successes

- Growing pockets of interoperability
- Enhanced care coordination is saving lives and money
- Accountable care and customer demand will fuel data sharing

Challenges

- Still striving for a nationwide exchange
- Exchanges need to get faster
- Need to improve format and usefulness of data
- Difficulties in patient identity matching and accuracy

Improving Patient Identity Management

A Framework for Cross-Organizational Patient Identity Management

- Intermountain / CCC case study
- Patient matching maturity model
- Minimal acceptable patient matching practices

Program Timeline

November 2015
Draft Framework released for public comment

January 2016
Public comment period ends

February 2016
Call for Patient Identity Management Workgroup

March 2016
Collaborative, Public Comment Disposition Period Begins

2016Q3
Publication of Final Framework for General Adoption

Engaging **Patients** in Their **Own Care**

eHealth Exchange's PHR Pilot

- Breakthrough use of the eHealth Exchange for individual consumers
- PHR use case
- Policy requirements
- Technical requirements
- Functional requirements

Personal Heath Records (PHR)

PHR systems capture health data entered by individuals and provide information related to the care of those individuals.

Testing for Compliance for Simple, Continuous Exchange

Content Testing Pilot

Goal: To improve implementation of health data sharing through more rigorous testing and guidance at the content level

Strategy:

- Build upon the C-CDA content requirements
- Add additional content requirements from the Transitions of Care Implementation guidance published by HL7®.
- Define the Continuity of Care Document (CCD)
- Detail testing methodology and scenarios to be required

eHealth Exchange supports the content requirements and specifications defined within the 2014 Edition Meaningful Use program

Catching FHIR

FHIR Pilot

- Content interoperability
- Security requirements
- Technical requirements
- Testing

Provider Directory

- A joint-effort with HL7 Argonaut Project to develop and maintain FHIR-based provider directory
- Intended to be interoperable with IHE HPD directories

Questions?

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