The Sequoia Project & the Care Connectivity Consortium (CCC)

Innovation Through Collaboration

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The Sequoia Project/CCC: Innovation Through Collaboration

Who is Care Connectivity Consortium?
Who is The Sequoia Project? Introduction to Initiatives
Our Collaboration – CCC & The Sequoia Project
Areas of Work through 2016:
  - Carequality
  - eHealth Exchange
  - Patient Identification and Matching
  - Consent Management
The Road Ahead: Priorities for 2016 and Beyond
As pioneers in the use of electronic medical records, Care Connectivity Consortium members share a vision for HIE with improved capabilities, easier adoption, and more value for all caregivers and their patients.

- Five founding organizations – April 2011
- OCHIN joined CCC in 2014
- All pioneers in the use of Health Information Technology
- CCC chartered to work on enhancing the capabilities of current HIE technologies
- Allow for secure and effective sharing between organizations and EHR systems
Collaboration: Complimentary Strengths

In 2012, the CCC and The Sequoia Project teamed up to leverage our collective know-how and efforts in expanding the reach and capabilities of interoperable health IT systems on a national scale.

- Develop and incubate new capabilities for consideration and no-cost adoption in the broader HIE ecosystem (via The Sequoia Project)
- Learning Lab environment for innovation

- Leverage each other’s strengths
- Promote the adoption of national interoperability standards
- CCC serves as innovation center for The Sequoia Project initiatives

- Non profit with a public mission
- Convene industry and government to solve real-world interoperability challenges in the public’s interest
As a nonprofit 501 (c) 3 organization operating in the public interest, our public-private governance process ensures transparent oversight of this work. The Sequoia Project serves as a neutral, third party convener.

The practical application of our work:

- Enables consensus agreement on the policies and standards required to reduce barriers to data exchange
- Advances development and continued support for health information exchange governance frameworks
- Provides services that enable data sharing networks to interoperate
Current Sequoia Project Initiatives

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

**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 Program** is an interoperability testing program to enable seamless sharing of medical images.
In 2016, the eHealth Exchange connects:

- All 50 states
- 26,000 medical groups
- Four federal agencies (DoD, VA, HHS including CMS, and SSA)
- 3,400+ dialysis centers
- Almost 50% of U.S. hospitals
- 8,300 pharmacies
- Supporting more than 100 million patients
CCC aids eHealth Exchange growth by:

• Serving as a test bed for new technologies, proving their viability in test environments

• Contributing innovations to the eHealth Exchange community
Carequality is creating a web of interconnected networks

- Physicians
- Consumers
- Government Agencies
- Data Sharing Networks
- Payers

- Behavioral Health
- Acute Care
- Long Term/Post-Acute Care
- Hospice and Home Care
- Research

- Vendors
- Standards Development Orgs.
- Pharmacies
- EMS Services
- Public Health
CCC participates in industry-wide initiative to build web of interconnected networks.

Participates in:

• Steering Committee
• Advisory Group
• Query Workgroup
Innovation Through Open Collaboration

With our collaboration, we addressing critical challenges and improve information exchange

• **Patient Matching Pilot**: CCC pilot - Intermountain Healthcare and multiple Utah based exchange partners
• **Patient Matching White Paper**: CCC & The Sequoia Project study to optimize demographic traits for patient matching

**Patient Identity Matching Services**
- Leverage
- Location Services
- Patient Identification Traits
- Authoritative Sources
- Critiquing Services

**Consent Management Services**
- Understand when consent is preventing exchange
- Collect consent at the point of care
- Provide attestation of consent to responding organization

**Patient Matching White Paper**
- Reports on findings of CCC Patient Identity Pilot
- Recommends optimized practices for eHealth Exchange and HIE community
- Presented publicly by The Sequoia Project and CCC in Q4 2015
The Road Ahead: Priorities for 2016 and Beyond

We continue to pursue learning and innovation to support advancements in HIE and interoperability on a broad scale.

2015-2016
- Identity Management capabilities piloted with Utah exchange partners
- Advancement of Patient Matching White Paper & minimal matching requirements

Testing New Standards and Capabilities

Concurrent Support of Multiple Standards (C32, C-CDA, FHIR, Direct email)

Continued Collaboration with HIE Associations and Regulatory Bodies

Expansion of capabilities in Production

Continued Improvements in Identity and Authorization Management

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