The Sequoia Project & the Care Connectivity Consortium (CCC)

Innovation Through Collaboration

Didi Davis, Director of Testing, The Sequoia Project

Lisa Caplan, Senior Vice President, Kaiser Permanente

Eric Heflin, Chief Technology Officer, The Sequoia Project

Kevin Isbell, Executive Director, Kaiser Permanente

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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

Care Connectivity Consortium (CCC): Member Organizations

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

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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

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The Sequoia Project: Acting 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

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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

8,300 pharmacies

Almost 50% of U.S. hospitals

Supporting more than 100 million patients

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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

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The Carequality Community

Carequality is creating a web of interconnected networks

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

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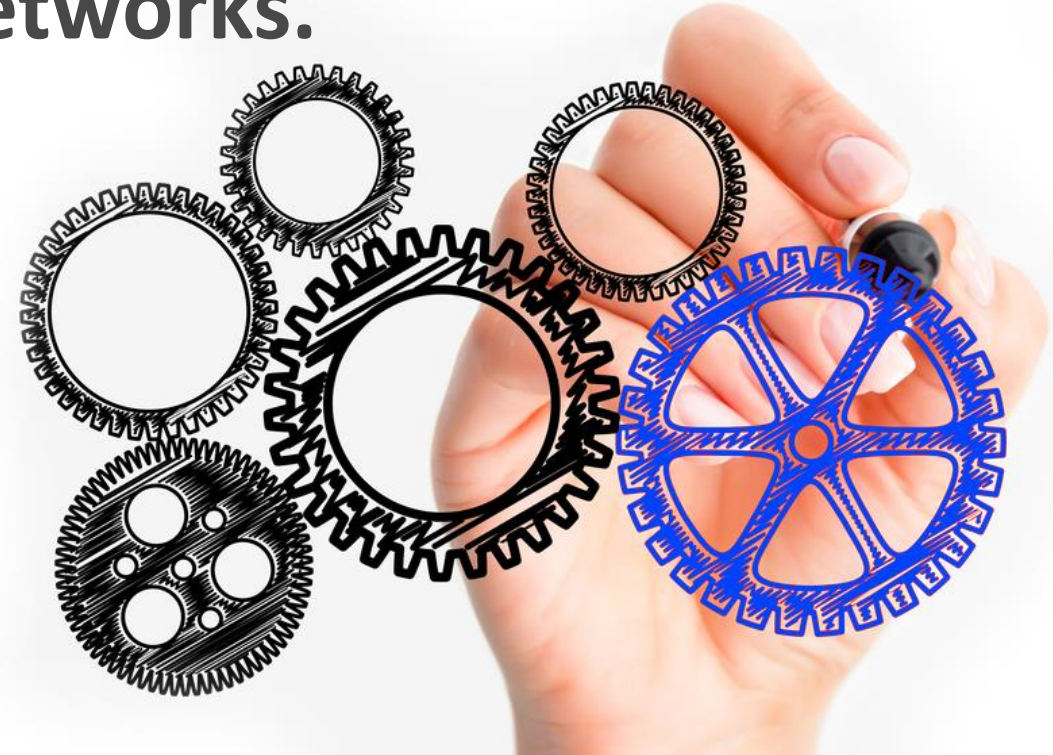- Long Term/Post-Acute Care
- Hospice and Home Care
- Research

- Vendors
- Standards Development Orgs.
- Pharmacies
- EMS Services
- Public Health

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CCC participates in industry-wide initiative to build web of interconnected networks.

Participates in:

- Steering Committee

- Advisory Group

- Query Workgroup

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Innovation Through Open Collaboration

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

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

Patient Identity Matching Services

- Leverage
- Location Services
- Patient Identification Traits
- Authoritative Sources
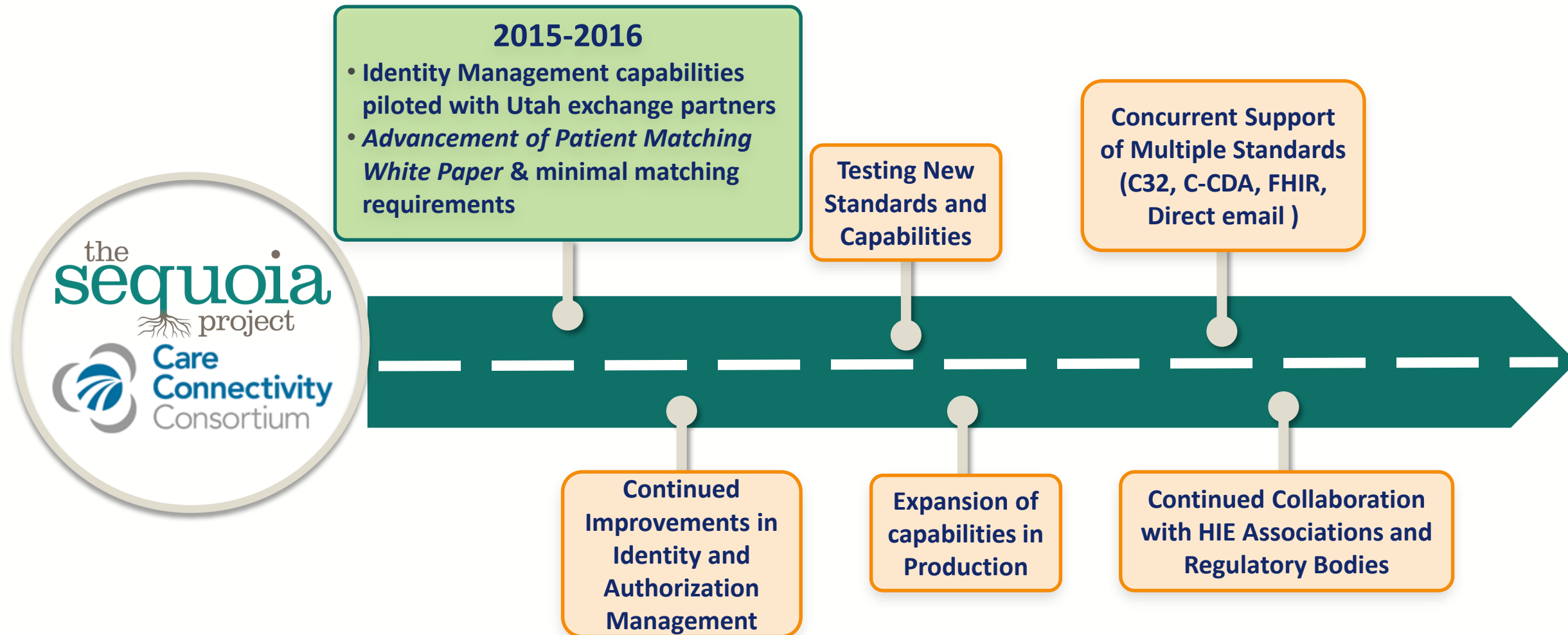- Critiquing Services

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

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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 Improvements in Identity and Authorization Management

Expansion of capabilities in Production

Continued Collaboration with HIE Associations and Regulatory Bodies

the sequoia project

www.sequoiaproject.org

admin@sequoiaproject.org

Care Connectivity Consortium

www.careconnectivity.org

info@careconnectivty.org

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