



## Weaving an Interconnected Web of Data Sharing Networks

*Presented by Dave Cassel, Director of Carequality*



## The Challenge



What if you had a cell phone plan that only allowed you to call other customers of your carrier?

**That's the situation for most healthcare providers today, when they join a data sharing network.**

## The Solution

Carequality creates a standardized, national-level interoperability framework to link all data sharing networks



**Carequality** is creating a web of interconnected networks

## The Carequality Community



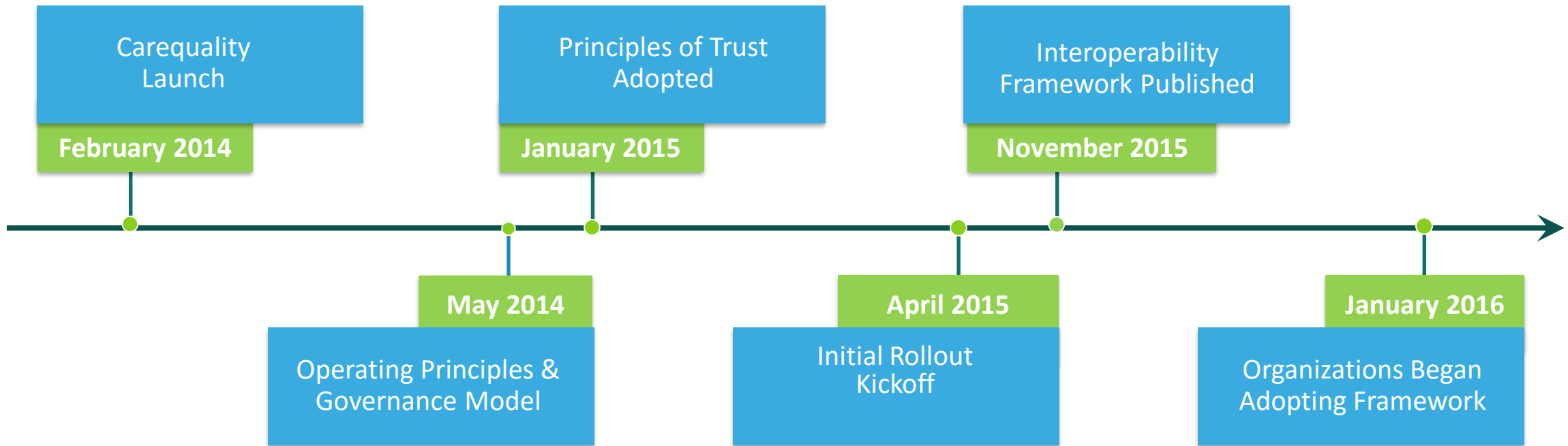
- Physicians
- Consumers
- Government Agencies
- Data Sharing Networks
- Payers
- Behavioral Health
- Acute Care
- Long Term/  
Post-Acute Care
- Hospice  
and Home Care
- Research
- Public Health
- Vendors
- Standards  
Development Orgs.
- Pharmacies
- EMS Services



# CAREQUALITY MEMBERS



## A Brief History



## How is Carequality Different?

Carequality is the only initiative implementing a common interoperability framework, driven by a public-private consensus process, to connect data sharing networks.



**Carequality is operated by The Sequoia Project, a non-profit serving the public interest. We are not a trade association, and our only interest is the advancement of interoperability.**

## The Power of Connecting Networks



*How do you get nationwide connectivity?  
Clinic by clinic, hospital by hospital?*

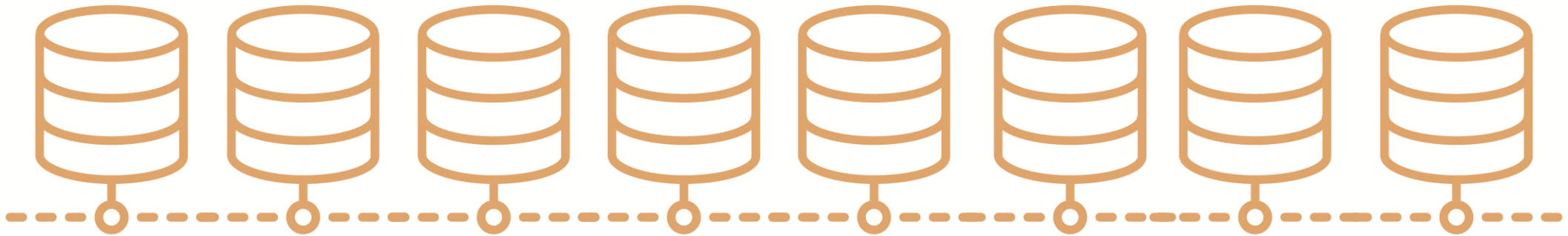
Data sharing networks have already connected many participants.  
The connections grow exponentially by connecting these networks.

➔ If you connect six clinics, you might reach a few dozen physicians.

➔ If you connect six networks, you can reach thousands of physicians.



## What is a Data Sharing Network?



Any organization that can bring significant sources of data to the table

- HIEs and other traditional networks
- EHR vendors
- Payers
- PHRs and other consumer-facing applications
- Lab networks
- Undoubtedly others

## Carequality Interoperability Framework

**Legal Requirements:** Carequality Implementers sign the Carequality Connected Agreement, which ensures that all participants are playing by the same rules.



**Use Case Implementation Guides:** Specify technical requirements, policies, and business practices for a particular use case, such as Query-Based Document Exchange.



For information on becoming a Carequality Implementer, contact [admin@carequality.org](mailto:admin@carequality.org)

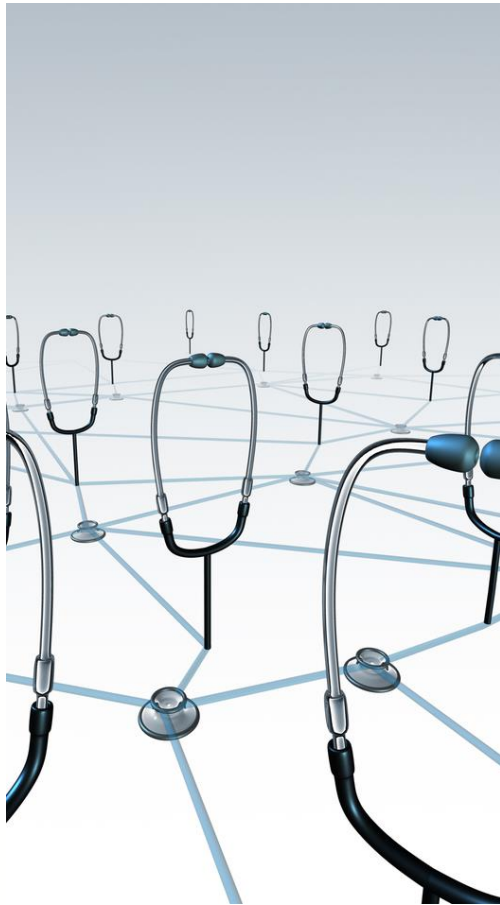
# The Carequality Process



## Current Carequality Connected Agreement Signees



## Carequality Implementer Coverage



✓ Over 300,000 Physicians

✓ Over 1,800 Hospitals

✓ Over 40,000 Clinics

✓ More than 15 million patient records shared per month

# WHAT'S NEXT?

- A. There's a lot more to health IT interoperability than document queries.
- B. The initial Query-Based Document Exchange Use Case is just the beginning.
- C. The Carequality framework is flexible and is meant to be applied to many different use cases.



## Mapping Success

- Planning work for 2016:
  - Automating directory services
  - Sharing patient authorization status
  - Sharing imaging content
  - Providing event notifications
  - Developing document content guidance
- Future:
  - Additional care coordination support
  - Consumer-facing applications
  - And more!



If you'd like to join the conversation, please contact us at [admin@carequality.org](mailto:admin@carequality.org) and indicate your area of interest.

Join the conversation at:  
<https://carequality.wikispaces.com/>





**Thank You!**

An initiative of **the sequoia**  
project