Connecting Communities, Nationwide
The Situation

Communities of data sharing partners have formed, brought together by specific needs.

Some are geographically based, but many other types of data sharing communities also exist.
The Challenge

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

The communities have common use cases and a need to connect their members that has not previously been met in a systematic way.
The Solution

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

Carequality is creating a web of interconnected communities
The Power of Connecting Communities

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

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

- If you connect six clinics, you might reach a few dozen physicians.
- If you connect six communities, you can reach thousands of physicians.
How is Carequality Different?

Carequality is not competitive with existing data sharing networks and programs, but rather adds more value to their offerings. We bring to the table a wide array of stakeholder views at all points in our public-private consensus process.

Carequality is operated by The Sequoia Project, a non-profit serving the public interest. We are not a trade association.
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
The Carequality Process

- Interoperability Need Identified
- Use Case Proposed
- Steering Committee
  - Adoption Recommended
  - Workgroup Chartered
  - Use Case Workgroup
  - Implementation Guide Developed
- Implementer
Essential Elements

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.

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

- athenahealth
- COORDINATED CARE OKLAHOMA
- eClinicalWorks
- Epic
- GE Healthcare
- Inovalon
- HIE Texas
- Integrated Data Services
- Kno2
- Medicity
- Netsmart
- NEXTGEN HEALTHCARE
- one record
- surescripts
Carequality Initial Rollout

- Over 3,000 clinics and 200 hospitals
- Estimate over 500,000 documents exchanged*
- Majority are record location documents
- Estimate 30K CCD/C-CDA documents exchanged (since 7/1)

* - 411,000 as of July 31st
Record Location Services and Carequality

A seemingly obvious statement: A Record Locator Service (RLS) is a service that can report the locations of patient records

- **HIE Model:** The RLS is driven by data shared, often via ADT or PIX feeds, with a central hub that is maintained explicitly to serve as an RLS
- **Organic:** The RLS is driven by data that is being shared already, for another purpose and driven by existing investments and infrastructure
- **Patient Managed:** The RLS is driven by the patient directly, via a PHR or other consumer-facing application.

**The Carequality Framework can support all three types**
There's a lot more to health IT interoperability than document queries.

The initial Query-Based Document Exchange Use Case is just the beginning.

The Carequality framework is flexible and is meant to be applied to many different use cases.
Mapping Success

• Work In Progress:
  – Automating directory services
  – Streamlining patient authorization to release records
  – Sharing imaging content
  – Developing document content guidance
• Future:
  – Providing event notifications
  – Additional care coordination support
  – Consumer-facing applications
  – And more!

If you’d like to join the conversation, please contact us at admin@carequality.org and indicate your area of interest.
Thank You!