Promoting Interoperability Today While Preparing for an Increasingly Connected Future
Healtheway

As a nonprofit 501 (c) 3 organization operating in the public interest, our public-private governance process insures transparent oversight of this work. Healtheway 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 health information exchange networks to interoperate
Healtheway Initiatives

Healtheway’s independent initiatives each have their own:

- Mission
- Governance
- Membership
- Structure

Healtheway is an ideal home for projects that require a collaborative environment where multiple parties with differing perspectives can work together.
Current Healtheway Initiatives

The **eHealth Exchange** is the largest and fastest growing health information exchange network in the US.

**Carequality** is a public-private collaborative building consensus on a national-level interoperability framework to inter-connect networks.
eHealth Exchange
Introduction to the eHealth Exchange

Rapidly growing network for securely sharing health information over the Internet

Shared Governance and Trust Agreement

Common Standards, Specifications & Policies
Largest HIE Network in the U.S.

Today, the eHealth Exchange connects:

- All 50 states
- 10,000 medical groups
- 900+ dialysis centers
- Four federal agencies (DoD, VA, HHS including CMS, and SSA)
- 8,200 pharmacies
- 30% of U.S. hospitals
- Supporting more than 100 million patients
Sample Use Cases

**Treatment / Care Coordination / Transitions of Care**
Allows health care providers access to critical information (e.g., test results, medication history, allergy info, immunizations) and makes available to providers when patient is transferred.

**Responder Only Profile Supporting the Treatment Use case (New)**
Allows other networks (e.g., release of info companies and SAAS model vendors) to respond to queries from eHealth Exchange Participants on behalf of their client.

**Military/Veteran Health**
DoD and VA exchange active service members and veterans’ records to provide government and private caregivers with up-to-date medical histories

**Disability Determination**
Social Security Administration requests claimant records electronically to make disability determinations. Cuts down claims processes from months to days.

**Quality Reporting for the End Stage Renal Disease Program - CMS**
Allows Dialysis centers to send quality data to CMS to assure that individuals with End Stage Renal Disease receive the highest quality of care.
The Future and Beyond: eHealth Exchange Innovation Strategy

**AUGMENT**
- Increase connectivity to other care settings
- Improve content & patient matching
- Implement additional high value transactions

**MODERNIZE**
- Review legal framework, specifications, policies
- Federated health provider directory (HPD)
- Expand supported transport protocols (e.g. Direct and FHIR)

**ACCELERATE**
- Market analysis
- Rapid onboarding strategy
- Enhance testing program

**INNOVATE**
- Substantial increase in connectivity and transactions
- Increased adoption, transactions, connected providers
Weaving a Nationwide Web of Data Sharing Networks

*Accelerating seamless, interoperable health information exchange*
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.
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 Healtheway, a non-profit serving the public interest. We are not a trade association, and our only interest is the advancement of interoperability.
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
- Vendors
- Standards Development Orgs.
- Pharmacies
- EMS Services
A Brief History

- **Carequality Launch**: February 2014
- **Steering Committee Formed**: June 2014
- **Principles of Trust Adopted**: January 2015
- **Operating Principles & Governance Model**: May 2014
- **Advisory Council & Work Groups Begin Work**: Jul/Aug 2014
- **Initial Rollout Starts**: April 2015
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.
Carequality Initial Rollout Begins: APRIL 2015!

Legal Framework for Exchange: Adopt the Carequality legal framework, providing feedback and lessons learned to improve the preliminary version for widespread use.

Initial Use Case Implementation Guide: Implement the technical, business, and policy requirements outlined in the Query for Documents Use Case Implementation Guide, again with an eye toward fueling improvement for future implementers.

It’s not too late to participate in the initial rollout! For information, contact admin@carequality.org
Carequality Initial Rollout Participants

Coordinated Care Oklahoma
Greenway
HIE Texas
Intermountain Healthcare
Kaiser Permanente
KHIN
Netsmart
SureScripts
UHIN
eClinicalWorks
Care Everywhere
HealtheWay
Carequality Initial Rollout Coverage

The initial rollout will have broad impact, covering:

- 200,000 Physicians
- Over 2,000 Hospitals
- Over 40,000 Clinics
- More than 15 million patient records shared per month
There’s a lot more to health IT interoperability than document queries.

The initial Query for Documents Use Case is just the beginning.

The Carequality framework is flexible and is meant to be applied to many different use cases.
For more information:

Visit our booth #8448

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