Connecting the Nation 8/22/2018



The Sequoia Project's Role

The Sequoia Project is a trusted, independent convener of industry and government

Supports multiple independent initiatives, each with their own mission, governance, membership and structure.





Perspectives for Advancing Nationwide Health Information Sharing

Journey to build a nationwide network

Expedition to interconnect networks

Interoperability as a compass





eHealth Exchange

Journey to Building a Nationwide Network





The Largest Health Data Network in U.S.

eHealth Exchange[™]

Connects



All 50 States

60,000 Medical Groups





Four Federal Agencies (DoD, VA, CMS, SSA)

3,400+







75% of U.S. Hospitals

8,300

Pharmacies



Supporting more than 109 million patients

59 Regional and State HIEs

Perspectives in the early part of the journey

- Started with firm commitment among Anchor Participant to build network
- Goal was to build value in network connectivity over 2 years before charging network fees to other participants
- Rigorous testing to accelerate onboarding and reduce cost/burden
- Federal partners were one of the primary value propositions for providers to join the network
- Payments to providers and HIEs offset cost of onboarding and created incentive to change systems to support federal requirements

Perspectives Today

- Federal partners are still one of the primary value propositions for providers to join the network
- Payments to providers and HIEs still offsets cost of onboarding and remains significant incentive
- Increasing provider-to-provider connectivity for treatment, care coordination and value-based care models
- Increasing reliance on the network spurred maturation and more seamless connections
- Emphasis now on increasing data quality and network expansion
- Other government incentives and activities may be necessary to further "encourage" providers to connect





Network – to – Network Interoperability Framework

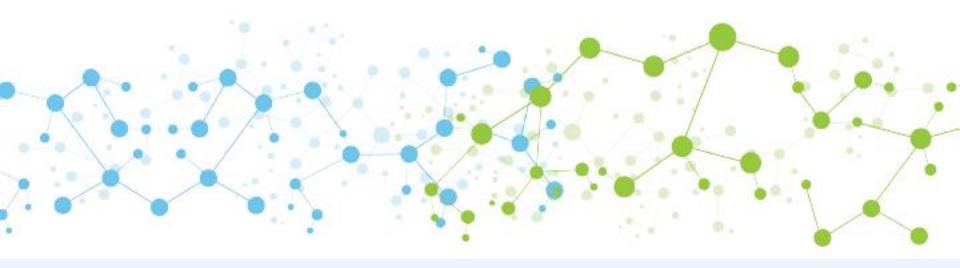
An Expedition to Interconnect Networks





The Solution

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



Carequality is creating a web of interconnected networks





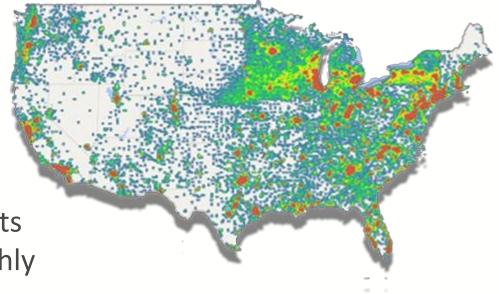
Accelerating Health Data Sharing in America

35,000+ Clinics

1,250 Hospitals

600K+ Providers

11 M Clinical Documents Exchanged Monthly







Perspectives from the Expedition

- Network diversity is healthy and necessary to meet varying needs of vendors and healthcare providers
- Getting networks (and the vendors who support them) is a catalyst to real progress
- Just like everything in health IT, there will be incremental progress
- But what's different about interconnecting networks is the exponential growth (e.g. jump from 7M to 11M clinical documents in one month)
- More work is needed to improve quality and consistency of data exchanged
- Now have a foundation to add other modalities (e.g. push, event notifications, data-level queries via FHIR) and use cases (SSA disability determination, consumer access, population health)



Closing Perspectives

- View interoperability as a compass
- Don't forget to enjoy the views along the way



For more information: The Sequoia Project The Sequoia Project

