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.

SECURE

INTEROPERABLE

NATIONWIDE

Perspectives for Advancing Nationwide Health Information Sharing

- Journey to build a nationwide network

- Expedition to interconnect networks

- Interoperability as a compass

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eHealth Exchange™

Journey to Building a Nationwide Network

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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+** Dialysis Centers
75% of U.S. Hospitals	**8,300** Pharmacies

Supporting more than 109 million patients

59 Regional and State HIEs

eHealth Exchange™ *An initiative of* the sequoia project

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

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carequality

Network – to – Network Interoperability Framework

An Expedition to Interconnect Networks

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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

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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