Interoperability
MATTERS
an initiative of The Sequoia Project

Data Usability Workgroup
February 2, 2023

the
sequoia® project

Agenda

- Welcome, Introductions, Membership, Agenda - Adam Davis, MD – 5 minutes
- 2022 Implementation Guide Version 1.0 publication – Bill Gregg, MD – 5 minutes
- Data Usability Workgroup Priorities & 2023-2024 Timeline – Didi Davis – 30 minutes
- Workgroup Discussion & Q&A – Didi Davis, Co-chairs and Workgroup - 10 minutes

Adam Davis, MD, Co-chair
Sutter Health

Bill Gregg, MD, Co-chair
HCA Healthcare

Didi Davis, VP
The Sequoia Project

Workgroup Members

266 Organizations　　**375 Participants**

Healthcare Providers — 20%

Health IT Developers — 18%

Other — 15%

HIN/HIEs — 13%

Federal, State, Local Government — 13%

Health Plan/Payer — 10%

Consumer/Patient — 5%

Standards Developer — 4%

Public Health — 2%
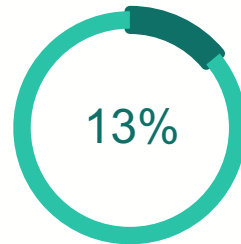
Purpose

- Develop specific and pragmatic implementation guides on clinical content for healthcare stakeholders to facilitate health information exchange

- Cover identified priority use cases, that are readily adoptable by health information exchange vendors, implementers, networks, governance frameworks, and testing programs

- Target improvements necessary to enable semantic interoperability of health information to improve the usability of data received by end users within their workflows

- Build on existing work (e.g. HL7 C-CDA Templates, ONC Project US@, USCDI V1, Carequaity/Commonwell Joint Document Content Workgroup [JDCWG]) and coordinate with related SDOs and industry initiatives
  - Workgroup charter

Sequoia Member's Shape Interoperability for the Public Good

Sequoia Member's Shape Interoperability for the Public Good

Sequoia Member's Shape Interoperability for the Public Good

2020 – 2022 Accomplishments

Four Work Phases

The Interoperability Matters **Leadership Council** chartered the Data Usability Workgroup to work in the following phases:

PHASE 1

Administration and Prioritization

October 2020-March 2021

View Meeting Notes

PHASE 2

Developing Initial Drafts (current)

April 2021-Q3 2022

View Meeting Notes

Review Draft Implementation Guide

PHASE 3

Public Comment Period/ Recommended Next Steps

August 29, 2022 – October 14, 2022

Press Release

Public Webinar Recording

Public Comment Version of IG

PHASE 4

Publication of Implementation Guide Version 1.0

October 14, 2022 – December 14, 2022
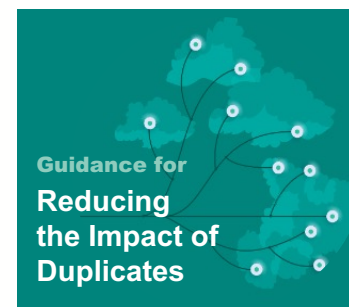
Version 1.0 IG

Press Release

2023

Materials coming soon

https://sequoiaproject.org/interoperability-matters/data-usability-workgroup/
Interopmatters@sequoiaproject.org

Implementation Guide Table of Contents

- Executive Summary & Phases Timeline
  – Phase 1 - Administration & Prioritization
  – Phase 2 - IG Development
  – Phase 3 - IG Public Comment
  – Phase 4 - IG Publication
- Statement of Intent
- Sections/Chapters
  – Six Topic Categories
  – Guidance with SHALL, SHOULD, MAY
- References
- Appendix A – High Priority Lab Results

Guidance for
Data Provenance & Traceability of Change

Guidance for
Data Integrity, Format and Trust

Guidance for
Effective Use of Codes

Guidance for
Data Tagging / Searchability

Guidance for
Reducing the Impact of Duplicates

Guidance for
Effective Use of Narrative for Usability
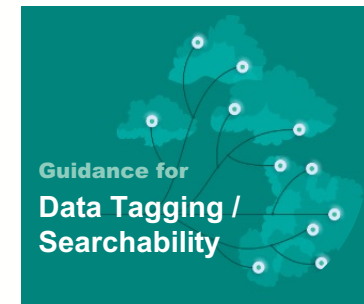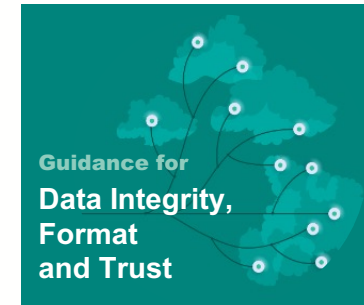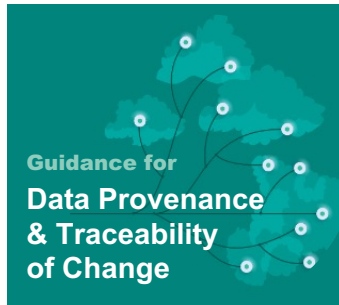
Use Cases

- Provider-to-provider health information exchange
- Provider-to-public health agency information exchange
- Healthcare entity-to-consumer information exchange

Section / Chapter Structure

- Problem statement
- Use Cases
- Existing Published Work
- Guidance
- Future Efforts

Interoperability Matters
Data Usability Workgroup
Priorities &
2023 – 2024 Timeline

Your priorities drive our process

We set our course based on our members'
challenges, barriers, gaps, and opportunities.

Identify
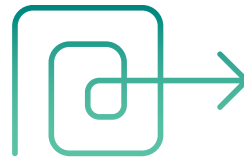
Prioritize
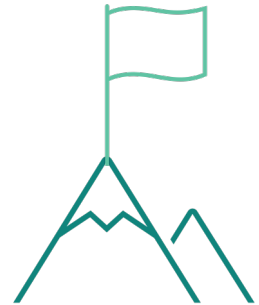
Solve

Assessment - Top Interoperability Issues for Next 3 Years

Interoperability MATTERS

- Telemedicine, 1%
- Other, 6%
- Privacy & Security, 9%
- Patient Matching, 24%
- Information Blocking, 14%
- Consumers, 6%
- Public Health, 6%
- Data Usability, 34%
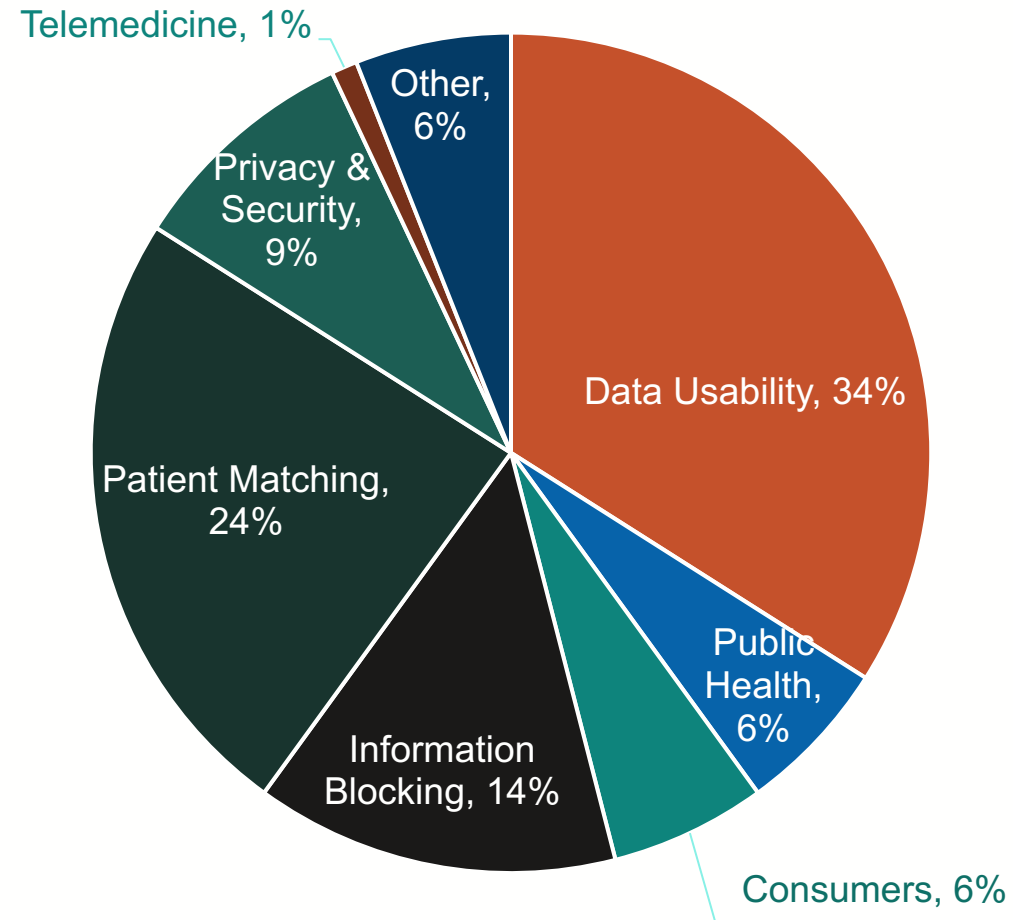
Your needs are our focus

We bring together diverse stakeholders in health IT and healthcare to create a community of practice.

National-level issues

Maximum stakeholder engagement

Real-world implementation

the Sequoia project

Interoperability Matters Structure

Members & Stakeholders

the **sequoia**® project

Leadership Council

Public Advisory Forum

Workgroups

Implementation
Best Practices
Training

Actionable Guidance to Transform Interoperability for Public Good

Dialogue with Policymakers

Policy Resources

FAQs

Meeting Logistics and Timeline

- 2023 – 2024 Planned Schedule
  Kickoff Call: February 2, 2023
  – Ongoing calls: 1ST Thursday each month
  - Next Phase of Activities - Process & Timeframe
    – Phase 1 - Administration and Prioritization
      - February 2023 – June 2023
    – Phase 2: Developing Initial Drafts
      - July 2023 – June 2024
    – Phase 3: Public Comment Period/Recommended Next Steps
      - July 2024 – August 2024
    – Phase 4: Finalizing Implementation Guide and Call to Action
      - August 2024 – December 2024

https://sequoiaproject.org/interoperability-matters/data-usability-workgroup/
Interopmatters@sequoiaproject.org

INTEROPERABILITY MATTERS

Interoperability Matters » Data Usability Workgroup

Data Usability Workgroup

The Sequoia Project has assembled experts across a wide range of different stakeholders to develop specific and pragmatic implementation guidance on clinical content for healthcare stakeholders in order to facilitate health information exchange. This guidance, in the form of implementation guides covering identified priority use cases, will be readily adoptable by health information exchange vendors, implementers, networks, governance frameworks, and testing programs.

NEWS RELEASE   JOIN WORKGROUP   WORKGROUP ROSTER

VIEW DUWG PUBLIC WEBINAR RECORDING

VIEW THE DATA USABILITY WORKGROUP IMPLEMENTATION GUIDE, VERSION 1.0

WEBINAR

Workgroup Meetings, First Thursday of Each Month at 4:00 p.m. ET

The workgroup meets on the first Thursday of each month at 4:00 p.m. ET. We will strive to post the meeting materials for each meeting the day before, and upload meeting recordings within 24 hours.

REGISTER   ADD TO CALENDAR

OVERVIEW

Annual Member Priorities Survey Results

the sequoia® project

December 2022

Themes from Survey Question #1:

What are your top 3 interoperability challenges that you believe Sequoia can address through its convening role?

- Consumer access and engagement

- Privacy, consent and security

- Expanding exchange purposes / use cases beyond treatment

- Coordinated rollout, without disrupting existing exchange

  – TEFCA

  – Transition from CDA to FHIR and accelerating FHIR-based exchange

- Data quality and usability

- Directories – payer, provider end points

- Numerous other opportunities identified

Survey Question #2:

Please rank your interest in a Sequoia-convened workgroup focused on each of the following

- Consumer Engagement Strategy

- Privacy & Consent

- Security

- Interoperability Education

- Patient Matching

- Telehealth

- Public Health

Member Priorities Survey Results

Interoperability Topics	% Interested (either somewhat or very)	% **Very** Interested	% **Somewhat** Interested
Privacy & Consent	88%	55%	33%
Interoperability Education	78%	48%	30%
Public Health	75%	40%	35%
Patient Matching	73%	45%	28%
Security	68%	18%	50%
eCQMS	65%	15%	50%
Consumer Engagement Strategy	65%	35%	30%
Telehealth	55%	10%	45%

Based on 47% response rate

Member Priorities Survey Results

Survey Question #3:
Please rank your interest in the following potential member benefits

Member Benefits	% Interested (either somewhat or very)	% Very Interested	% Somewhat Interested
In-person Workgroup Meetings	80%	35%	45%
Member Directory	78%	28%	50%
In-person Networking	78%	35%	43%
Newsletter	60%	25%	35%
Annual Awards	60%	13%	48%
Interoperability RFP Postings	55%	35%	20%
Member News + Events	53%	10%	43%
Interoperability Job Board	33%	8%	25%

Based on 47% response rate

Member Priorities Survey Results

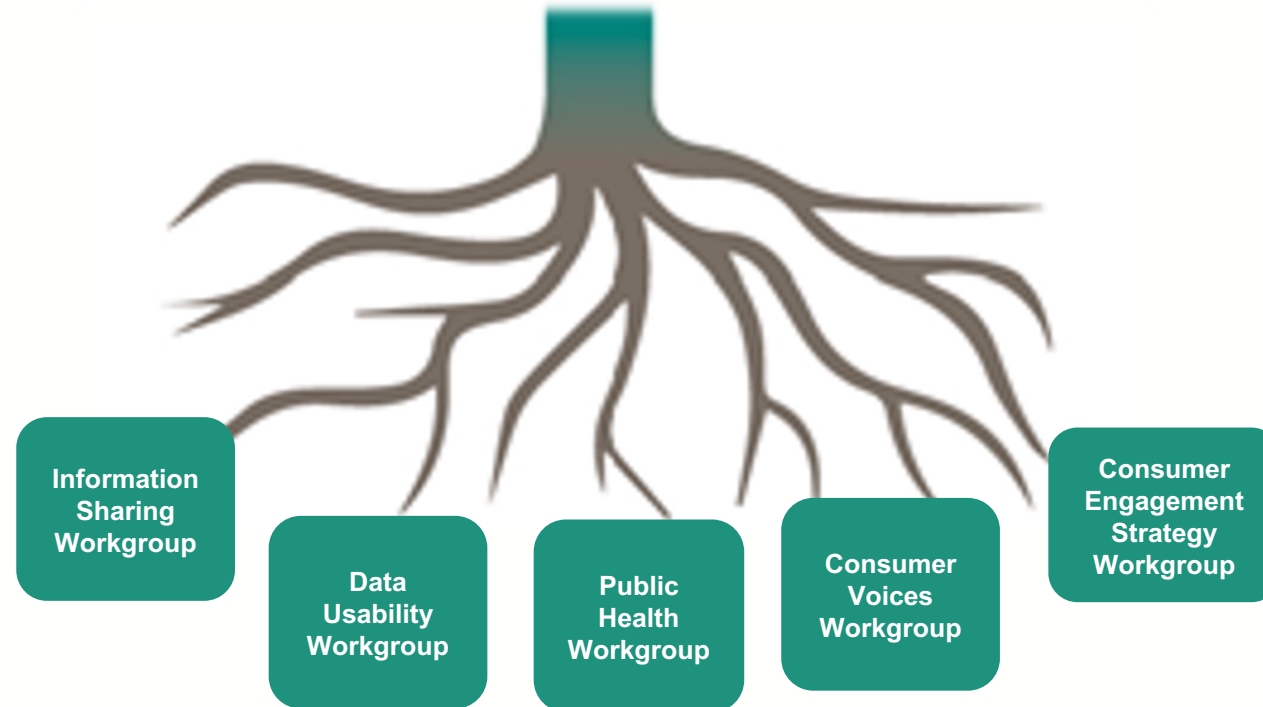| Top Challenges	# of times mentioned	
Non-treatment Use Cases	12	30%
Adoption	8	20%
Directory	8	20%
Consumer Access	6	15%
FHIR	6	15%
Transitioning to TEFCA	6	15%
Data harmonization	5	13%
Patient Consent	5	13%
Data quality	4	10%
Education	4	10%
Data usability	3	8%
Government Commitment	3	8%
Guidelines	3	8%
Public Health - TEFCA	3	8%
HL7	2	5%
QHIN	2	5%
Compliance-state variations	1	3%
Health Equity	1	3%
Image exchange	1	3%
Open standards	1	3%
post-acute care providers	1	3%
Workforce development	1	3%

Based on 47% response rate

Key Takeaway Annual Meeting 2022

- TEFCA is gaining momentum

- Promoting a culture of information sharing

- Data usability is taking root

- Consumer is at the heart of interoperability

- Invest in future of public health

- Engaging our community is essential to progress

- Inform public policy through practical experiences

Member Engagement Opportunities

Leadership Council

Information Sharing Workgroup

Data Usability Workgroup

Public Health Workgroup

Consumer Voices Workgroup

Consumer Engagement Strategy Workgroup

Sowing seeds for future convenings…

Government Affairs Roundtable
Payer Engagement Advisory Council
Interoperability Education Workgroup

TEFCA Community of Practice
Payer Workgroup
Privacy & Consent Workgroup

National Interoperability Roadmap Workgroup
Security & Compliance Panel
Non-treatment Use Cases Workgroup
Telehealth Panel

The Sequoia Project: Interoperability Matters Process for Improving Data Usability

#46, April 18, 2023 1:30 – 2:30pm CT Room S504

Didi Davis
Vice President, Informatics,
Conformance and
Interoperability
The Sequoia Project

Adam Davis, MD
Physician Informaticist
Sutter Health

William Gregg, MD
Chief Clinical Transformation
Officer and Vice President,
Clinical Informatics
HCA Healthcare

HIMSS 23

https://sequoiaproject.org/about-us/become-a-member/

Data Usability Work Group

For more information:
www.sequoiaproject.org/interoperability-matters/data-usability-workgroup/

(571) 327-3640   Interopmatters@sequoiaproject.org

Convene   Collaborate   Interoperate

Thank You for your support of Interoperability Matters!