End-to-End Interoperability of Health Data/Records - Validation Framework to ensure Affirmative Trust Decision

ONC Interoperability Roadmap (2015)

Key Standards for Trusted Health Data/Record Management
- HL7 - Fast Health Interoperable Resources (FHIR) EHR-S Record Lifecycle Event Implementation Guide (part of FHIR STU-3, 2017)

FHIRE Resource Implementation

Drivers
- A. Supportive Payment and Regulatory Environment
- B. Shared Decision-Making, Rules of Engagement and Accountability
- C. Ubiquitous, Secure Network Infrastructure
- D. Verifiable Identity and Authentication of All Participants
- E. Consistent Representation of Authorization to Access Electronic Health Information
- F. Consistent Understanding and Technical Representation of Permission to Collect, Share and Use Identifiable Electronic Health
- G. An Industry-wide Testing and Certification infrastructure
- H. Consistent Data Semantics
- I. Consistent Data Formats
- J. Secure, Standard Services
- K. Consistent, Secure Transport Techniques
- L. Accurate Individual Data Matching
- M. Health Care Directories and Resource Location

Outcomes
- N. Individuals Have Access to Longitudinal Electronic Health Information. Can Contribute to that Information, and Can Direct It to Any Electronic Location
- O. Provider Workflows and Practices Include Consistent Sharing and Use of Patient Information from All Available and Relevant Sources
- P. Tracking Progress and Measuring Success

Trusted Decision - Determination of Fit(ness) for Use:
- Primary Use: clinical care, interventions, decision making
- Secondary Use: most everything else