



The Office of the National Coordinator for
Health Information Technology

Interoperability Standards Advisory (ISA) Overview

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What is the ISA?

- A single, public list of the standards and implementation specifications that can best be used to address specific interoperability needs.
- Reflects the results of ongoing dialogue, debate, and consensus among industry stakeholders.
- Documents known limitations, preconditions, and dependencies as well as other helpful information.
- Serves as an informational resource, is non-binding and does not create or confer any rights or obligations for or on any person or entity.
- Available at www.healthit.gov/ISA

How is the ISA be used?

- Stakeholders who administer government and non-governmental procurements, testing, certification or grant programs to look first to the ISA to meet their interoperability needs.
- Developers of health IT to look first to the ISA for available and appropriate standards/implementers specifications to support interoperability efforts.
- Implementers and users of health IT products to ensure purchased products include standards that support their specific interoperability needs
- The ISA and their associated informative characteristics are also available to help more fully inform policy and implementation efforts, including limitations, dependencies or preconditions for use.

- The web-based version of the [ISA](#) is updated frequently throughout the year, as new comments from stakeholders come in or as changes occur, with a call for review and comments in late Summer timeframe
- ONC publishes a static “[Reference Edition](#)” of the ISA (PDF) each December that can be referenced in contracts, agreements, or as otherwise needed with certainty that the information will not change.

- Introduction
- Section I: Vocabulary/Code Set/Terminology
- Section II: Content and Structure
- Section III: Services
- Section IV: Models and Profiles
- Section V: Administrative
 - » Under each section, there are Subsections with numerous Interoperability Needs
 - » Specific standards and implementation specifications support each Interoperability Need

- Characteristics and other helpful information for each standard and implementation specification listed for each interoperability need
 - » Standards Process Maturity
 - » Implementation Maturity
 - » Adoption Level
 - » Federally Required
 - » Cost
 - » Test Tools
 - » Limitations, Dependencies, Preconditions and Other Qualifying Information
 - » Applicable Value Set(s) and Starter Set(s) and Security Patterns
- Appendixes for “Sources for Privacy and Security Standards” and Educational / Informational Resources

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Documenting and Sharing Care Plans for a Single Clinical Context



Type	Standard / Implementation Specification	Standards Process Maturity	Implementation Maturity	Adoption Level	Federally required	Cost	Test Tool Availability
Implementation Specification	HL7 Implementation Guide for CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Release 2.1 ↗	Balloted Draft	Pilot	● ● ● ○ ○	Yes ↗	Free	Yes ↗
<i>Emerging Standard</i>	<i>HL7 Fast Healthcare Interoperability Resources (FHIR), STU 3</i> ↗	<i>In Development</i>	<i>Pilot</i>	● ○ ○ ○ ○	<i>No</i>	<i>Free</i>	<i>No</i>
<i>Emerging Implementation Specification</i>	<i>HL7 Resource Care Plan (v3.0.1)</i> ↗	<i>Balloted Draft</i>	<i>Pilot</i>	● ○ ○ ○ ○	<i>No</i>	<i>Free</i>	<i>No</i>

Limitations, Dependencies, and Preconditions for Consideration	Applicable Value Set(s) and Starter Set(s)
<ul style="list-style-type: none"> The care plan as expressed in the C-CDA standard does not attempt to represent the longitudinal care plan; rather it represents a “snapshot” of a care plan at a single point in time for transmission to other providers and teams to ensure continuity of care. The Care Plan Domain Analysis Model is used as a reference model for C-CDA care plan documents in the context of the longitudinal care plan. FHIR Resources are in various stages of maturity. Please refer to the FHIR website for updates on specific profiles and their progress. The FHIR Maturity Model and each of the levels is described on the HL7 wiki ↗. See CDA and FHIR projects in the Interoperability Proving Ground. 	<ul style="list-style-type: none"> Feedback requested

Current Status/Next Steps

- The annual ISA review and comment period closed October 1.
- ONC staff reviewing comments and updating the ISA. The 2019 Reference Edition to be published by end of 2018.
- Comments open again in early January, with a late Summer/early Fall timeline for 2019 Annual Review and Comment period.
- To comment, create an account at www.healthit.gov/ISA
 - » Click “log in” at top right of screen.
 - » Click top-center tab to “create new account”, fill in account details, and complete captcha to submit request.
 - » ISA team will approve your user account (usually in just a few hours), and you’ll get an email confirming your account.
 - » Navigate to comment on individual ISA pages, or submit consolidated comments at the ISA introduction page.



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Find the ISA at:

<https://www.healthit.gov/ISA>

Questions?

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