



The Office of the National Coordinator for  
Health Information Technology

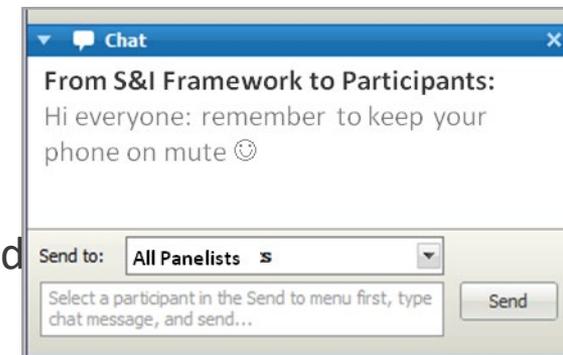
# electronic Long-Term Services & Supports (eLTSS) Community Update

January 31, 2019



# Meeting Etiquette

- Remember: If you are not speaking, **please keep your phone on mute**
- **Do not put your phone on hold.** If you need to take a call, hang up and dial in again when finished with your other call
  - » Hold = Elevator Music = frustrated speakers and participants
- **This meeting is being recorded**
  - » Another reason to keep your phone on mute when not speaking
- Use the **“Chat”** feature for questions, comments and items you would like the moderator or other participants to know.
  - » **Send comments to ALL PANELISTS** so they can be addressed publically in the chat, or discussed in the meeting (as appropriate).

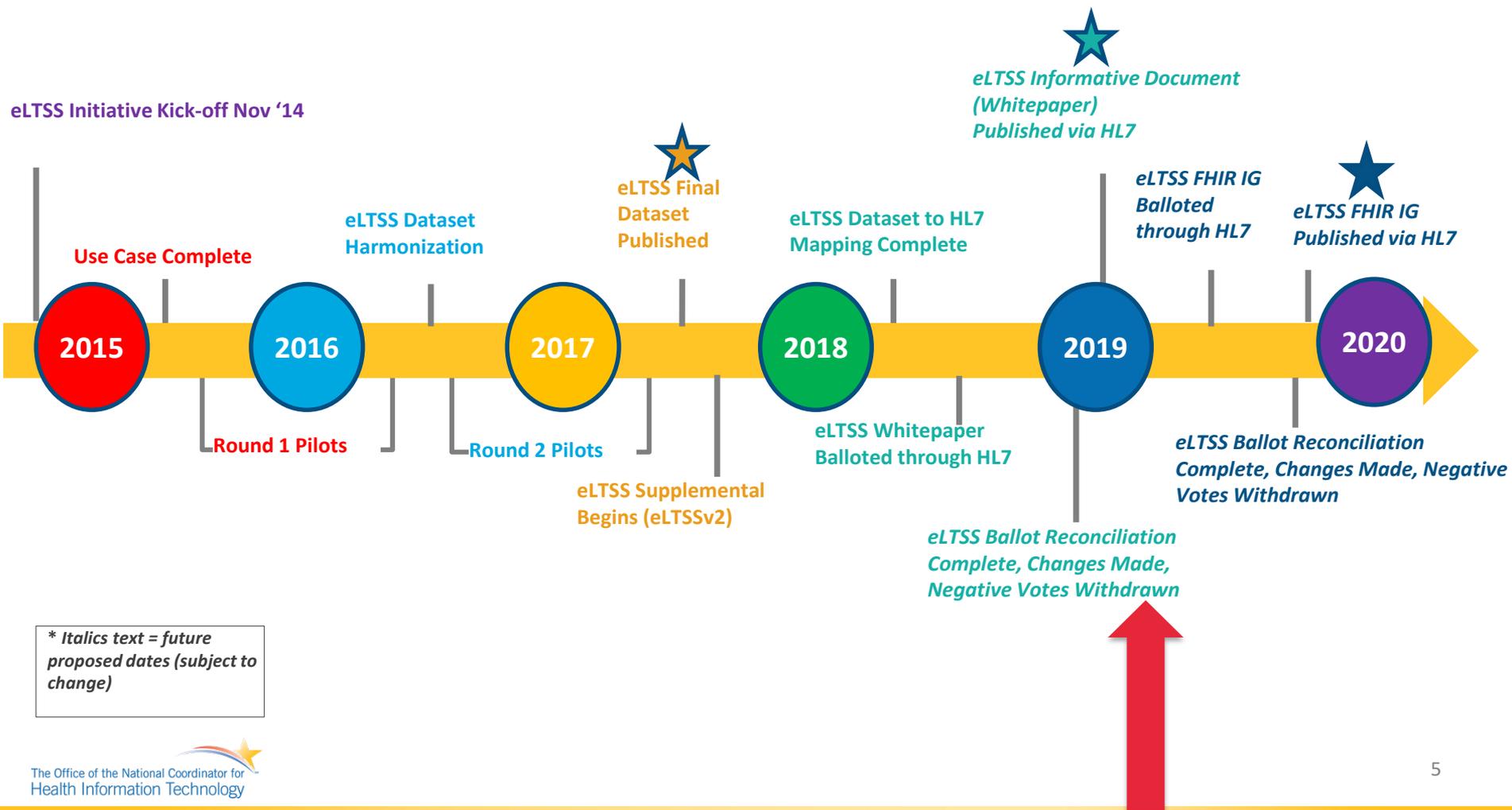


# Agenda

Topic	Presenter
Project Overview	Jamie Parker, Carradora
Track 1: eLTSS Informative Document	Georgia Team
Track 2: eLTSS FHIR Implementation Guide	Becky Angeles, Carradora
Recap of HL7 San Antonio WG Meeting	Johnathan Coleman, SRS
eLTSS Community Engagement	Liz Palena-Hall, ONC
Upcoming 2019 HIMSS meeting	Liz Palena- Hall, ONC

# Project Overview

# eLTSS Initiative At-A-Glance



# Review of the eLTSS Project

- Phase 1:
  - » Joint project between Office of the National Coordinator (ONC) and The Centers for Medicare & Medicaid Services (CMS) made possible by CMS funding
  - » Identified and harmonized a core set of data items commonly found on LTSS Service Plans to facilitate the capture and exchange of person-centered LTSS service plan data.
- Phase 2:
  - » Piloted identified and harmonized core data items with TEFT grantee states and vendors to validate the dataset
- Phase 3:
  - » Continuation of Phase 1 & Phase 2 broken into 2 Tracks
    - Track 1:
      - Balloted the eLTSS Informative Document at HL7 in the September 2018 ballot cycle outlining how the harmonized and identified data items could be mapped using HL7 FHIR and C-CDA
    - Track 2:
      - Leverage the published eLTSS Informative Document to create an HL7 FHIR Implementation Guide (IG). The FHIR IG is scheduled for the May 2019 HL7 Ballot Cycle.

To track and review eLTSS Artifacts including the published dataset please see the eLTSS wiki:  
<https://oncprojecttracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Home>



# eLTSS Timeline:

- **September – December 2018**
  - » Conducted ballot disposition on all ballot comments collected during ballot comment period
  - » Updated the eLTSS Informative document to reflect comment dispositions
- **January – September 2019**
  - » **January:** Submitted revised Informative Document to HL7 for publication
  - » **January – May:** Develop the eLTSS FHIR Implementation Guide to be included in the May 2019 HL7 ballot.
    - This IG provides robust formal guidance on how to leverage FHIR to exchange eLTSS Dataset data. It will also be able to support continued piloting efforts by implementers.
  - » **June – September:** Disposition and reconcile eLTSS FHIR IG ballot comments
    - This process includes reviewing and responding to comments as well as updating and publishing the final IG based on comment resolution.

# Track 1: eLTSS Informative Document

# eLTSS Informative Document Contents

- Informative Document: Provide the HL7 Community with context and narrative around how two national recognized standards, FHIR and C-CDA, can be used to represent and exchange the eLTSS Dataset
- Introduction, Objectives and Background
- LTSS Ecosystem Overview and Information Sharing Use Cases
- FHIR and C-CDA for LTSS Service Plan Information Exchange
  - Approach for Selecting Standards
  - Overview of Selected Standards and Mapping Results
  - Exchanging LTSS Service Plans Using FHIR
  - Exchanging LTSS Service Plans Using C-CDA
- Considerations for Future Work
- Appendices:
  - eLTSS Dataset
  - FHIR and C-CDA Mappings
  - FHIR and C-CDA sample instances
  - C-CDA rendered sample
  - Quality of Mapping Legend

# HL7 Ballot Voting Results

- The eLTSS Informative Document was balloted through the HL7 September 2018 Ballot Cycle

Voter Role	#
Affiliate	5
Consultant	21
Government/Non-Profit	36
Payor	9
Pharmaceutical	0
Provider	22
Vendor	24
<b>Total</b>	<b>117</b>

Vote Type	#
Affirmative	43
Abstain	56
Negative	4
Did Not Vote	14
<b>Total Voters</b>	<b>117</b>

- » The eLTSS Informative Document achieved quorum and the ballot passed
- » A total of 75 comments were received from Voters
- » By mid-January 2019, all of the negative votes had been withdrawn

# eLTSS Informative Document Publication

- Internal team and government reviews were conducted December 2018 and January 2019
- Our sponsoring workgroup, HL7's Community-Based Care and Privacy (CBCP), voted on and approved the submission of publication request pending withdrawal of final negative vote for the Informative Document on 1/8/19
- A formal request for publication was submitted to HL7 on 1/10/19

# Track 2: eLTSS FHIR Implementation Guide



# eLTSS FHIR IG Development

- Based on the scenarios articulated in the eLTSS use cases, the FHIR framework is a great fit for enabling eLTSS exchanges due to its focus on streamlined API-based interoperability, flexible and modular approach and comprehensive focus aimed at supporting clinical, administrative and social services workflow needs.
- The eLTSS FHIR Implementation Guide (IG) will provide implementers with online guidance (e.g., API specifications, capability statements, and resource profiles) on how to use FHIR to exchange eLTSS data.
- The eLTSS FHIR IG will align with FHIR R4.
- The FHIR IG development process is strict and relies heavily on prescriptive deadlines with each step being dependent on previous steps and outside resources (artifact approvals, tooling modifications/versioning, etc.).
- The goal of this next phase of the eLTSS project is to mature and formalize the details published in the eLTSS Informative Document into the eLTSS FHIR IG which will be balloted as a Standard for Trial Use (STU). An STU balloted IG at provides implementers with comprehensive guidance on how to use FHIR to enable electronic exchange of the eLTSS Dataset data items.

# HL7 FHIR Balloting Timeline and Artifacts (1/2)

What Needs Done	How Do We Get It Done?	Why Do It?	When is it Due?
<b>Introduce Upcoming Ballot to HL7</b>	<ul style="list-style-type: none"> <li>Contact FHIR FMG of our upcoming plans and get insight from them on action needed</li> <li>Attend Jan 2019 HL7 WGM to present our upcoming plans to FHIR, CBCP, and Other Interested WGs (O&amp;O, FM, PC)</li> </ul>	HL7 recommends that prior to officially compiling a ballot that a project considering developing a ballot circulate and introduce the idea of the work to the appropriate HL7 work groups. This allows the work groups to provide guidance and feedback before the formal ballot process begins.	1/18/19 (completed)
<b>Project Scope Statement (PSS)</b>	<ul style="list-style-type: none"> <li>Modify the existing PSS for the eLTSS Informative Document for the FHIR IG</li> <li>Need approval from: CBCP WG, FHIR Management Group (FMG), US Realm Steering Committee, Steering Division, Architectural Review Board, and Technical Steering Committee</li> </ul>	This form is the formal introduction of our work to HL7 WGs. This form outlines the sponsoring WGs, project team, project scope and need, and any external drivers and dependencies.	1/27/19 (completed)
<b>FHIR IG Proposal</b>	<ul style="list-style-type: none"> <li>Complete and submit to FHIR Management Group (FMG)</li> </ul>	Acceptance of proposal will result in the creation of the eLTSS project within the HL7 framework.	TBD
<b>Notification of Intent to Ballot (NIB)</b>	<ul style="list-style-type: none"> <li><b>Work with CBCP WG to complete and submit form to HL7</b></li> </ul>	<b>This officially notifies HL7 of our projects intent to move forward with a ballot for the May 2019 cycle.</b>	<b>2/17/19</b>
<b>Functionally Complete IG</b>	<ul style="list-style-type: none"> <li><b>Work with CBCP FHIR Liaison (John Moerhke)</b></li> <li><b>Download and install appropriate HL7 FHIR IG Tooling</b></li> <li><b>Develop Profiles</b></li> <li><b>Develop FHIR Sample Files</b></li> <li><b>Populate required IG sections with Content</b></li> </ul>	<b>To validate and prioritize ballots and to develop the framework to support the ballots, HL7 is requiring a Functionally Complete IG as part of the NIB package.</b>	<b>2/17/19</b>
<b>Final Content</b>	<ul style="list-style-type: none"> <li>Submit Complete FHIR IG to HL7 for QA</li> </ul>	HL7 requires a new QA period for all FHIR ballots to ensure ballots are well developed prior to the ballot period.	3/3/19
<b>Final Freeze</b>	<ul style="list-style-type: none"> <li>Complete and submit FINAL FHIR IG Content (all text, profiles, sample files, etc.) to HL7.</li> </ul>	Required by HL7 – ensures the ballot content and structure is ready for ballot opening.	3/24/19

# HL7 FHIR Balloting Timeline and Artifacts (2/2)

What Needs Done	How Do We Get It Done?	Why Do It?	When is it Due?
<b>Ballot Consensus Pool</b>	<ul style="list-style-type: none"> <li>Sign up for the eLTSS FHIR IG ballot pool on the HL7 Ballot Desktop</li> </ul>	To vote on an HL7 ballot a voter must sign up to be part of the ballot pool. This is similar to voter registration.	3/1 – 3/28/19
<b>Ballot Period</b>	<ul style="list-style-type: none"> <li>Submit and monitor vote / comments</li> </ul>	This is when the formal voting takes place. Anyone signed up for the ballot pool is able to vote.	3/29 – 4/29/19
<b>May 2019 WGM</b>	<ul style="list-style-type: none"> <li>Held in Montreal (Quebec) Canada</li> <li>Begin comment reconciliation of ballot comments (virtually)</li> </ul>	HL7 requires that ballot results are shared at the working group meeting associated with the ballot. Ballot reconciliation will often begin at the working group meeting.	5/4 – 5/10/19
<b>Ballot Comment Reconciliation</b>	<ul style="list-style-type: none"> <li>Work with ballot voters and CBCP WG to dispose all ballot comments</li> </ul>	Required by HL7 as part of the ballot process.	5/4/2019
<b>Modify IG</b>	<ul style="list-style-type: none"> <li>Make modifications to eLTSS FHIR IG based on comments</li> </ul>	Enhance the specification based on comment feedback.	TBD (based on # of comments)
<b>Publish IG</b>	<ul style="list-style-type: none"> <li>Publish eLTSS FHIR IG using HL7 tooling</li> </ul>	Standard is available for implementation and use.	TBD (dependent on comments)

# Recap of HL7 San Antonio WG Meeting

# Important Outcomes for Track 2: FHIR IG

- 1/13 FHIR Management Group (FMG) Meeting
  - » Updated PSS was approved
- 1/15 CBCP Meeting
  - » NIB was approved
  - » Updated the eLTSS FHIR IG Proposal
- 1/17 Joint Meeting with Patient Care (PCWG), Learning Health Systems (LHS), Pharmacy, Structured Documents (SDWG)
  - » “Care Plan Report Out” session: Gave an update on eLTSS Informative Document and FHIR IG
- 1/17 FMG Meeting
  - » eLTSS FHIR IG Proposal was approved

# eLTSS Community Engagement

# eLTSS Community Engagement

- Join the HL7 CBCP WG weekly calls to engage and learn more about eLTSS
  - » Tuesdays 12:00 – 1:00pm ET
  - » <http://join.freeconferencecall.com/cbhs>
  - » Conference Audio: (515) 604-9861 / Access Code: 429554
- Attend the 2019 HIMSS Meeting in Orlando, FL (February 11-15, 2019)/  
Information and Registration:
  - » <https://www.himssconference.org/about/general-info/himss-global-conference-save-date>
- Visit the eLTSS HL7 GForge Site for ballot-related artifacts:
  - » <https://gforge.hl7.org/gf/project/cbcc/docman/eLTSS%20-%20%20ONC%20Electronic%20Long-Term%20Services%20and%20Supports/>
- Visit the eLTSS Confluence Page for meeting information and relevant artifacts:
  - » <https://oncprojecttracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Home>

# Upcoming 2019 HIMSS Meeting

# 2019 HIMSS Meeting

- <https://www.himssconference.org/about/general-info/himss-global-conference-save-date>
- Date: February 11 – February 15, 2019
- Location: Orlando, FL
- Breakout session of interest:
  - » Thursday, February 14<sup>th</sup> 11:30-12:30 pm ET: Electronic Long-Term Services and Supports (eLTSS) Standards
  - » <https://www.himssconference.org/session/electronic-long-term-services-and-supports-eltss-standards>

# eLTSS Initiative: Project Team Leads

- **ONC Leadership**
  - » Stacy Perchem ([Anastasia.perchem@hhs.gov](mailto:Anastasia.perchem@hhs.gov))
  - » Elizabeth Palena-Hall ([elizabeth.palenahall@hhs.gov](mailto:elizabeth.palenahall@hhs.gov))
- **CMS Leadership**
  - » Kerry Lida ([Kerry.Lida@cms.hhs.gov](mailto:Kerry.Lida@cms.hhs.gov))
- **State of Georgia, Department of Community Health Leadership**
  - » Bonnie Young ([bonnie.young@dch.ga.gov](mailto:bonnie.young@dch.ga.gov))
- **Program Manager**
  - » Johnathan Coleman ([jc@securityrs.com](mailto:jc@securityrs.com))
- **Project Manager**
  - » Amber Patel ([ayp@securityrs.com](mailto:ayp@securityrs.com))
- **Subject Matter Expert**
  - » Jamie Parker ([jamie.parker@carradora.com](mailto:jamie.parker@carradora.com))
- **Harmonization Lead**
  - » Becky Angeles ([becky.angeles@carradora.com](mailto:becky.angeles@carradora.com))



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# Thank you for joining!

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# Appendix A: Track Timeline at a Glance

# eLTSS Roadmap 2018 to 2019

Nov – Dec 18

Jan – Feb 19

March – April 19

May – June 19

Jul – Aug 19

Sep – Oct 19

## eLTSS Roadmap: 2018 to 2019

### 1. HL7 Informative Document Publication Process

Preparation for Publication

Comment Review and Reconciliation

Negative Comments Withdrawn

HL7 WG (CBCP) Reconciliation Approvals

Publication Request submitted to HL7

Final Informative Document Published

### 2. FHIR Implementation Guide Development

FHIR IG Development

FMG PSS Approval

★ PSS Submitted for May 19 Ballot

Notice of Intent to Ballot WG Approval

★ Notification of Intent to Ballot, IG is "Functionally Ready"

★ IG Substantive Change Freeze

★ Ballot Pool Opens

★ Final Freeze Deadline – QA complete

HL7 May 19 Ballot Period

HL7 May 19 Meeting

IG Reconciliation

Publish IG ★

**Timeline Key**

★ = Project Milestone

●—● = Project Window