



The Office of the National Coordinator for
Health Information Technology

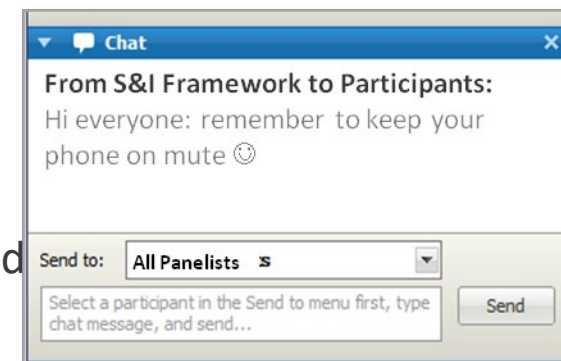
electronic Long-Term Services & Supports (eLTSS) Community Update

July 19, 2018



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
Welcome	Evelyn Gallego (EMI Advisors LLC)
Recap: eLTSS Roadmap	Evelyn Gallego (EMI Advisors LLC)
eLTSS FHIR mini-Connectathon Summary and Outcomes	Evelyn Gallego (EMI Advisors LLC)
eLTSS Whitepaper and the HL7 September 2018 Ballot Cycle	Mark Meadows (Georgia Team)
eLTSS Dataset Key Finding and Correction	Becky Angeles (Carradora Health)
eLTSS Community Engagement and Testing Opportunities	Evelyn Gallego (EMI Advisors LLC)

Welcome

Recap: eLTSS Roadmap

Oct-Dec 17

Jan-Feb 18

Mar-Apr 18

May-Jun 18

Jul-Aug 18

Sep 18

eLTSS Roadmap: 2017 to 2018

1. eLTSS Standard Development

Internal coordination with GA Reference Data Model Project

HL7 WG Coordination

Nov GA F2F Meeting

March 21 GA F2F Meeting

eLTSS Draft Guidance Complete

eLTSS Pilot Guidance Complete

eLTSS Whitepaper Complete

2. eLTSS Standard Testing

Pilots Identification

Pilots Test Pilot Guidance

Pilot Findings Report Out

3. HL7 Whitepaper Ballot Development

eLTSS Whitepaper Revisions & Ballot Development

HL7 Ballot Materials Due

HL7 PSS Due

HL7 NIB Due

eLTSS Ballot Period (Aug 24 – Sept 24)

The Road Ahead

- High level activities planned for 2018 – 2019:
 - » Develop eLTSS DRAFT Implementation Guidance (IG) based on comments received on the HL7 September 2018 'comment-only' whitepaper ballot
 - » Schedule and test eLTSS draft IG via HL7 and/or ONC sponsored FHIR and C-CDA connectathons/ implementation-a-thons (target January 2019 and June 2019)
 - » Update eLTSS IG based on testing event and connectathon results
 - » Ballot eLTSS IG as a Standard for Trial Use (STU) during the HL7 September 2019 ballot cycle
 - » Publish eLTSS Dataset in the CMS Data Element Library
- 2019-2020: continue testing the eLTSS IG at FHIR/C-CDA testing events

eLTSS FHIR mini-Connectathon Summary and Outcomes

eLTSS FHIR mini-Connectathon Event Details

- Date: Thursday, June 28, 2018 from 9:00 am to 4:00 pm
- Location: Georgia Tech Research Institute Conference Center (located at 250 14th St NW, Atlanta, GA 30318)
- Connectathon Wiki:
<https://oncprojecttracking.healthit.gov/wiki/display/TechLabSC/eLTSS+FHIR+mini-Connectathon>

eLTSS FHIR mini-Connectathon Overview

- Opportunity for community stakeholders to test the final, consensus-based eLTSS Dataset (published in September 2017) using HL7 FHIR Resources.
- The Georgia and eLTSS Project Team developed a mapping of the eLTSS Dataset to existing HL7 FHIR resources. This mapping supports our goal of identifying nationally recognized standards to support the interoperable capture, sharing and exchange of eLTSS plan information.
- Findings from the Connectathon will be used to inform the development of the eLTSS ballot materials for the HL7 August/September 2018 Ballot cycle.

Participant Organizations

- State of Georgia, Department of Community Health
- Georgia Tech Research Institute (GTRI)
- American Diabetes Association (ADA)
- Long Term Care Innovation (LTCI) Inc. / LTSS DataLink®
- Office of the National Coordinator for Health Information Technology (ONC)
- JKM Software (Contractor to Veteran's Administration)
- Carradora Health
- EMI Advisors, LLC
- ESAC, Inc.

Participant Roles

- Participant Roles included
 - » Health IT Systems
 - » Beneficiary / Beneficiary Advocate
 - » Federal Participant
 - » Observers
 - » eLTSS Initiative Support
- Participants were involved in the eLTSS Workflow to
 - » Create LTSS service plans
 - » Access and Review service plans
 - » Update service plans

Participant Goals

- Identify any potential issues with the eLTSS Dataset to FHIR mapping
- Identify any gaps/additional needs (e.g. adding a code list or terminology to represent the data element)
- Test and validate the eLTSS Dataset and mapping in a FHIR-enabled environment
- Determine if eLTSS data elements can be represented in the FHIR resources selected
- Test sample LTSS service plans using the FHIR mapping
- Support eLTSS organizations and their interoperability goals
- Learn more about eLTSS goals and opportunities

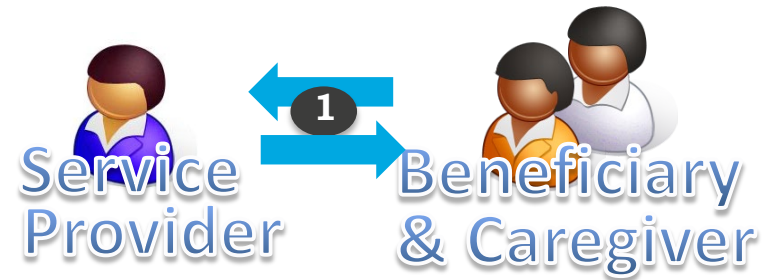
Participant Testing

- eLTSS workflow components tested
 - » Create plan
 - » Access and review plan
 - » Update plan
- All 58 eLTSS data elements tested

INPUTS



1. Eligibility Form
2. Person-Centered Profile
3. Information Sharing Resource



HOME AND COMMUNITY-BASED SETTING

OUTPUT

eLTSS Plan				
Beneficiary Demographic: 23 Elements	Person Centered Planning: 11 Elements	Plan Information: 1 Element	Risk Elements: 3 Elements	Service Provider Information: 5 Elements
Person Name Person Identifier Person Identifier Type Person Date of Birth Person Phone Number Person Address Emergency Contact Name Emergency Contact Relationship Emergency Contact Phone Number Emergency Backup Plan	Access/Needs Preference Person Setting Choice Indicator Person Setting Choice Options Service Options Given Indicator Service Selection Indicator Service Provider Option Relationship Emergency Contact Phone Number Emergency Backup Plan	Plan Effective Date Plan Signatures: 11 Elements Person Signature Person Printed Name Person Signature Date Guardian/Legal Representative Signature Guardian/Legal Representative Printed Name Representative Signature Date Support Planner Signature Support Planner Printed Name Support Planner Signature Date	Identified Risk Risk Management Plan Service Information: 11 Elements Service Name Self Directed Service Indicator SERVICE START Date Service End Date SERVICE Delivery Address Service Comment Service Funding Source Service Unit Quantity UNIT of Service Type Service Unit Quantity Interval Service Rate per Unit Total Cost of Service	Support Planner Name Support Planner Phone Number Service Provider Name Service Provider Phone Number Non Paid Provider Relationship
Goals & Strengths: 3 Elements	Service Plan Agreement Indicator Plan Monitor Name Plan Monitor Phone Number	Support Planner Signature Support Planner Printed Name Support Planner Signature Date Service Provider Signature Service Provider Printed Name Service Provider Signature Date		

Challenges and Lessons Learned

- **FHIR Server implementation nuances** appear during testing and can impact interactions with the participant applications.
- Determining the **specific workflow for interactions** would be helpful to prepare the participants prior to a connectathon event.
- **System pre-planning activities** should be executed to ensure systems are ready and can execute the different testing scenarios.
- **Face to face interactions** are helpful.
- **FHIR Server Setup FAQs** needed around FHIR server setup and how the server handles bundles.
- **Pre-Participant system to FHIR server testing** is helpful.
- Recommendation to have participants provide **sample files ahead of time** and address technical/setup issues prior to the event.
- **Less feedback was received on the eLTSS FHIR Mapping due to time spent on addressing learning curves with a FHIR-enabled environment.**

eLTSS Whitepaper and the HL7 September 2018 Ballot Cycle

eLTSS Engagement with HL7

- Participating in select weekly **HL7 Workgroup Meetings** and active HL7 standardization projects
 - » HL7 Community-Based Care and Privacy (CBCP)*
 - » HL7 Orders and Observations (O&O)
 - » HL7 Patient Care (PC)
 - » HL7 Learning Health Systems (LHS)
 - » HL7 Structured Documents (SD)
- Participated in person at the **2018 HL7 January Working Group Meeting** in New Orleans
- Provided VA/SAMHSA team with sample eLTSS-based FHIR files for testing at the **2018 HL7 May Working Group Meeting** in Cologne
- Collaboration with standard development organization (SDO) HL7 ensures:
 - » We identify the right electronic standards to represent the eLTSS dataset in electronic systems.
 - » The standards identified support the INTEROPERABLE capture and exchange of eLTSS data elements across clinical (e.g. EHRs) and non-clinical IT systems (e.g. LTSS system)

eLTSS Whitepaper Submission: HL7 September 2018 Ballot Cycle

- eLTSS Whitepaper will serve as the foundation for future ballots for implementers of electronic exchanges involving long-term services and supports (LTSS) data.
- Includes detailed mappings and examples to FHIR and C-CDA standards for the representation of 56 data elements published in the eLTSS Dataset.
- Outcomes from the June 28 eLTSS FHIR mini-Connectathon have informed the development and finalization of this whitepaper.

Opportunity for Community Feedback

- As part of the HL7 publication process, the eLTSS Whitepaper and appendices **will be available for comment during the HL7 September 2018 Ballot Cycle.**
- As we approach the ballot comment period, the eLTSS project team will provide further details on how participants can sign-up for the HL7 ballot pool in order to provide comments on the eLTSS Whitepaper. **Ballot pool signup is from July 23, 2018 thru August 23, 2018.**
- The HL7 **Ballot Comment period opens August 24, 2018** and will close September 24, 2018.
- For more information, please visit the HL7 website: <http://www.hl7.org>

eLTSS Dataset – Key Finding and Correction

eLTSS Dataset - Key Finding and Correction

- Person Identifier Type – correction to the List of Values
 - » Person Identifier Type includes the value “claim number” in the list of values
 - » The eLTSS Dataset mapping activities, along with discussions at the eLTSS face to face meeting in March 2018 resulted in a **decision to remove “claim number” from the list of values for Person Identifier Type**
 - » As a result, “claim number” will not be included in the mapping files and example appendices submitted along with the eLTSS Whitepaper for the HL7 September Ballot Cycle
 - » A revised version of the consensus-based eLTSS Dataset, which includes the removal of this value from the Person Identifier Type, will be published after the HL7 publication of the eLTSS Whitepaper this fall

eLTSS Community Engagement

How can the broader eLTSS Community engage?

- Participate in eLTSS Community Update Meetings
- Follow engagement with HL7 CBCP Workgroup:
 - » <https://www.hl7.org/Special/committees/homehealth/index.cfm>
 - » Weekly calls occur on Tuesdays from 12 to 1pm ET
 - » Georgia Team provides status updates
- Participate in Testing Opportunities

C-CDA Testing Opportunities

- HL7 C-CDA R2.1 Implementation-A-Thon (IAT)
 - » August 9-10, 2018 in Washington, DC
 - » eLTSS Use Case and the eLTSS C-CDA mapping will be made available for testing as part of the **Care Plan track**
 - » Goal: identify issues and potential trouble spots with C-CDA implementations.
 - » Who should attend?
 - eLTSS Community Implementers who plan to use C-CDA documents
 - Individuals and organizations that use and build applications for exchange
 - Users and developers working for healthcare providers, vendors and HIEs
 - » Registration Link
 - <http://www.hl7.org/events/c-cda/implementation/2018/08/>

FHIR Testing Opportunities

- HL7 FHIR Connectathon: Care Plan Track
 - » September 29 – 30, 2018 in Baltimore, MD:
 - » eLTSS Use Cases and the eLTSS FHIR Mapping will be made available and tested as part of the Care Plan track:
http://wiki.hl7.org/index.php?title=201809_Care_Plan
 - » Who should attend?
 - eLTSS Community Implementers who plan to use C-CDA documents
 - Individuals and organizations that use and build applications for exchange
 - Users and developers working for healthcare providers, vendors and HIEs
 - » Registration Link
 - http://www.hl7.org/events/working_group_meeting/2018/09/

eLTSS Initiative: Project Team Leads

- **ONC Leadership**
 - » Stacy Perchem (Anastasia.perchem@hhs.gov)
 - » Elizabeth Palena-Hall (elizabeth.palenahall@hhs.gov)
- **CMS Leadership**
 - » Kerry Lida (Kerry.Lida@cms.hhs.gov)
- **State of Georgia, Department of Community Health Leadership**
 - » Bonnie Young (bonnie.young@dch.ga.gov)
- **Initiative Coordinator**
 - » Evelyn Gallego-Haag (evelyn.gallego@emiadvisors.net)
- **Project Management**
 - » Jenny Brush (jennifer.brush@esacinc.com)
- **Harmonization Lead**
 - » Becky Angeles (becky.angeles@carradora.com)