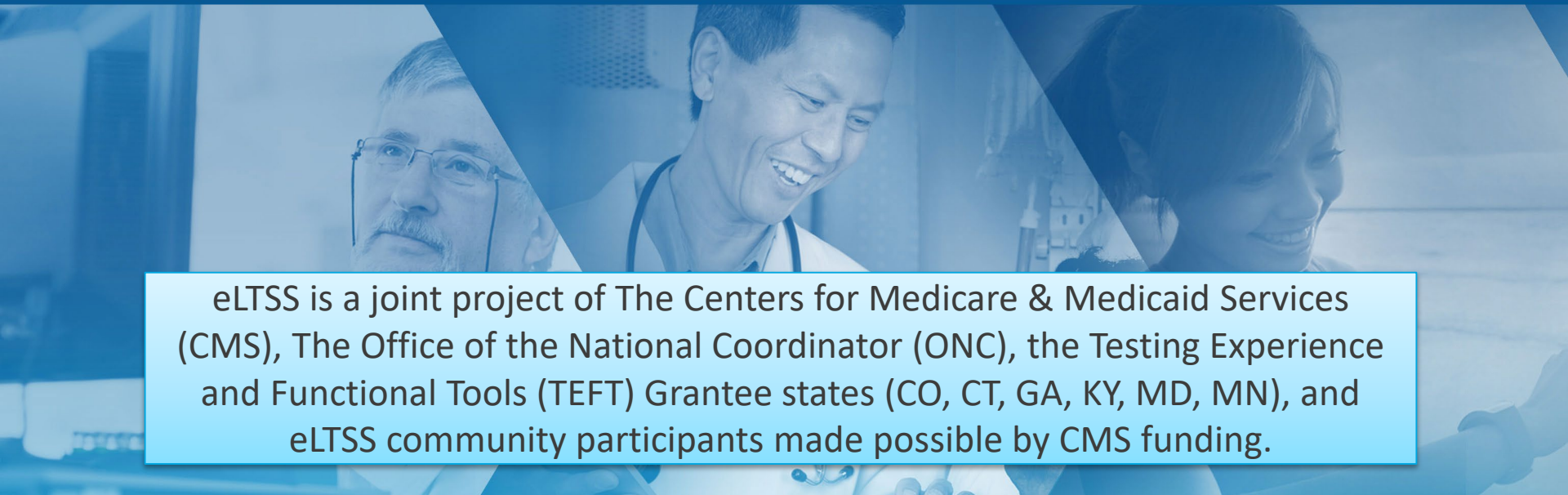# electronic Long-Term Services & Supports (eLTSS) Project Overview

May 6, 2019
Security Risk Solutions, Inc.

The Office of the National Coordinator for
Health Information Technology

eLTSS is a joint project of The Centers for Medicare & Medicaid Services (CMS), The Office of the National Coordinator (ONC), the Testing Experience and Functional Tools (TEFT) Grantee states (CO, CT, GA, KY, MD, MN), and eLTSS community participants made possible by CMS funding.

Agenda

- The Need for Interoperability in Long Term Services and Support (LTSS)

- eLTSS Project Overview

    » Phases

    » Timeline

    » 2018-2019 Project Cycle

    » Current Activity

- eLTSS Links and Resources

- eLTSS Project Leads

The Office of the National Coordinator for
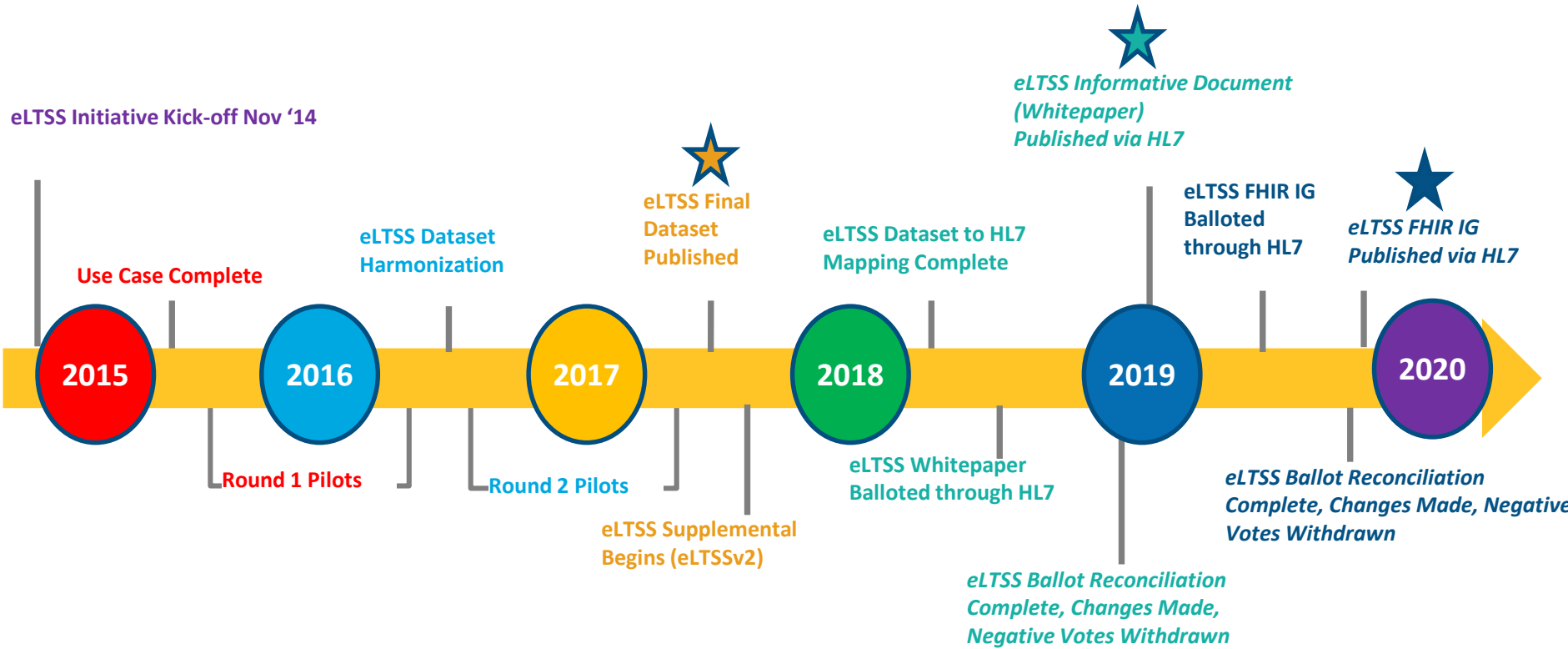Health Information Technology

The Need for Interoperability in Long Term Services and Support (LTSS)

- Especially for older adults, there is a significant overlap between primary/acute care and LTSS:

  » Hospitalization (example: broken hip) -> post-acute rehabilitation -> personal care and chore services

- Fractured eligibility & payment systems, particularly Medicare and Medicaid, can lead to disconnects between settings of care, treatment goals, and desired health/social outcomes

- Interoperable systems have the promise of improving coordination and keeping LTSS person-centered

The Office of the National Coordinator for
Health Information Technology

Phases

- Phase 1: Identified and harmonized a 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 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: Informative Document
    - – Balloted and published the eLTSS Informative Document through HL7. The eLTSS Informative Document, officially named "HL7 Cross-Paradigm Information Sharing for Electronic Long-Term Services & Supports (eLTSS), Release 1 - US Realm" describes how the eLTSS dataset, consisting of 56 data elements, enables home and community based services (HCBS) person-centered service plans-to be represented for exchange and sharing using FHIR and C-CDA.

  - » Track 2: FHIR Implementation Guide (IG) and Testing
    - – The eLTSS FHIR IG is included in the May 2019 HL7 Ballot Cycle. The eLTSS FHIR IG expands the FHIR to eLTSS mapping from the Informative Document into the HL7 FHIR IG structure (Profiles, Extensions, Capability Statements, etc.). IG content will be tested and piloted in coordination with interested organizations.

The Office of the National Coordinator for
Health Information Technology

Timeline

eLTSS Initiative Kick-off Nov '14

eLTSS Informative Document (Whitepaper) Published via HL7

eLTSS Final Dataset Published

eLTSS FHIR IG Balloted through HL7

eLTSS FHIR IG Published via HL7

Use Case Complete

eLTSS Dataset Harmonization

eLTSS Dataset to HL7 Mapping Complete

2015	2016	2017	2018	2019	2020

Round 1 Pilots

Round 2 Pilots

eLTSS Whitepaper Balloted through HL7

eLTSS Ballot Reconciliation Complete, Changes Made, Negative Votes Withdrawn

eLTSS Supplemental Begins (eLTSSv2)

eLTSS Ballot Reconciliation Complete, Changes Made, Negative Votes Withdrawn

* *Italics text = future proposed dates (subject to change)*

The Office of the National Coordinator for
Health Information Technology

- **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 ✅

  » **February**: Informative Document is published by HL7 ✅

  » **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.

  » **May – September**:

    – Disposition and reconciliation of eLTSS FHIR IG ballot comments, update and publish eLTSS FHIR IG

    – Pilot / test eLTSS with community stakeholders

Current Activity

- The mappings published in the eLTSS Informative Document have been formalized into an eLTSS Standard for Trial Use (STU) FHIR IG. An HL7 balloted STU IG provides testable artifacts to organizations interested in piloting eLTSS data exchange in FHIR

- The eLTSS FHIR IG:

  » Uses existing FHIR resources to provide mappings between the eLTSS data set and existing FHIR elements

  » Utilizes US Core and applies other constraints (mostly through the "Must Support" flag)

  » Leverages two existing extensions to help support the mappings: http://build.fhir.org/ig/HL7/eLTSS/extensions.html

- The May 2019 HL7 Ballot Cycle approved the STU eLTSS FHIR IG.

- The eLTSS Project team via the HL7 CBCP WG is in the process of reconciling ballot comments. Once the eLTSS FHIR IG ballot reconciliation is complete and the IG is published by HL7, the project will coordinate with interested organizations to test and pilot IG content.

The Office of the National Coordinator for
Health Information Technology

eLTSS Links and Resources

- eLTSS Informative Document, balloted by HL7:
  http://www.hl7.org/implement/standards/product_brief.cfm?product_id=495

- eLTSS FHIR IG (May 2019 ballot version):
  http://hl7.org/fhir/us/eltss/2019May/index.html

- Client and server capability statements as defined in the IG:
  http://hl7.org/fhir/us/eLTSS/2019May/capabilities.html

- eLTSS Page on ONC Techlab:
  https://oncprojectracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Home

eLTSS Project Leads

- ## ONC Project Leads
  - » Stacy Perchem (Anastasia.perchem@hhs.gov)
  - » Elizabeth Palena-Hall (elizabeth.palenahall@hhs.gov)

- ## CMS Project Lead
  - » Kerry Lida (Kerry.Lida@cms.hhs.gov)

- ## Program Manager
  - » Johnathan Coleman (jc@securityrs.com)

- ## Project Manager
  - » Amber Patel (ayp@securityrs.com)
  - » Greg White (gw@securityrs.com)

- ## Subject Matter Expert
  - » Jamie Parker (jamie.parker@carradora.com)

- ## Harmonization Lead
  - » Becky Angeles (becky.angeles@carradora.com)