

# PACIO-eLTSS Post-Acute Care Transition Summary Track

Report Out May 15, 2020



# Agenda

- 1. Background
- 2. Purpose of this track
- 3. Use case description and diagram
- 4. System diagram
- 5. Scene-by-scene screen captures
- 6. What went well
- 7. Challenges





## Background: CMS Assessments

Post-acute care (PAC) providers are required to complete and submit assessments at specified intervals. The assessment instruments that collect this data are:

- Long-Term Care Hospital CARE Data Set (LCDS) for LTCHs
- Minimum Data Set (MDS) for SNFs
- Outcome and Assessment Information Set (OASIS) for HHAs
- Inpatient Rehabilitation Facility Patient Assessment Instrument (IRF PAI) for IRFs
- Functional Assessment Standardized Items (FASI) for HCBS

In support of the 2014 Improving Medicare Post-Acute Care Transformation Act (IMPACT Act), CMS created the <u>Data Element Library (DEL)</u> to support standardization and interoperability of patient assessment data elements. The DEL is the centralized resource for CMS assessment instrument data elements (e.g. questions and responses) and their associated health information technology (IT) standards

CMS prioritized cognitive and functional status as an area of clinical importance in need of standardization

¹ https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/Post-Acute-Care-Quality-Initiatives/IMPACT-Act-of-2014/IMPACT-Act-of-2014-Data-Standardization-and-Cross-Setting-Measures



# Purpose of This Track

- 1. Test integration of CMS assessment data elements from the Data Element Library (DEL) into health IT systems using FHIR APIs.
- 2. Exchange patient level cognitive and functional status data between two disparate health IT (HIT) systems, incorporated with electronic Long-Term Services and Support (eLTSS) care plan and patient goals data, in a consumable format for clinicians, patients, and family members.





#### Organizations

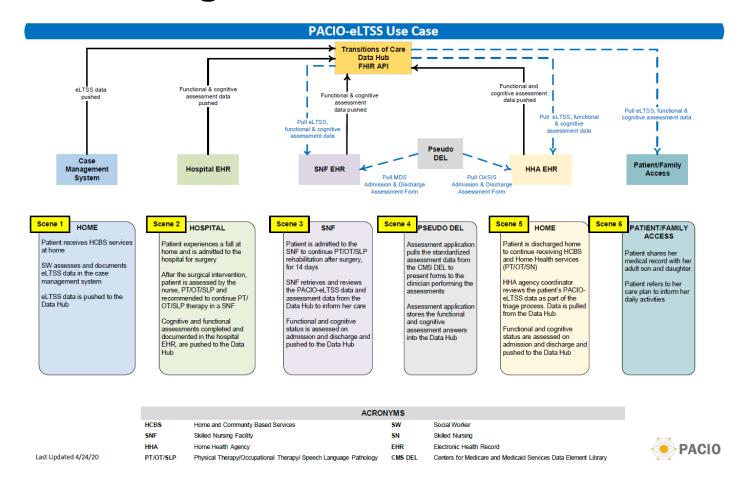
- Altarum
- MITRE
- Patient Centric Solutions

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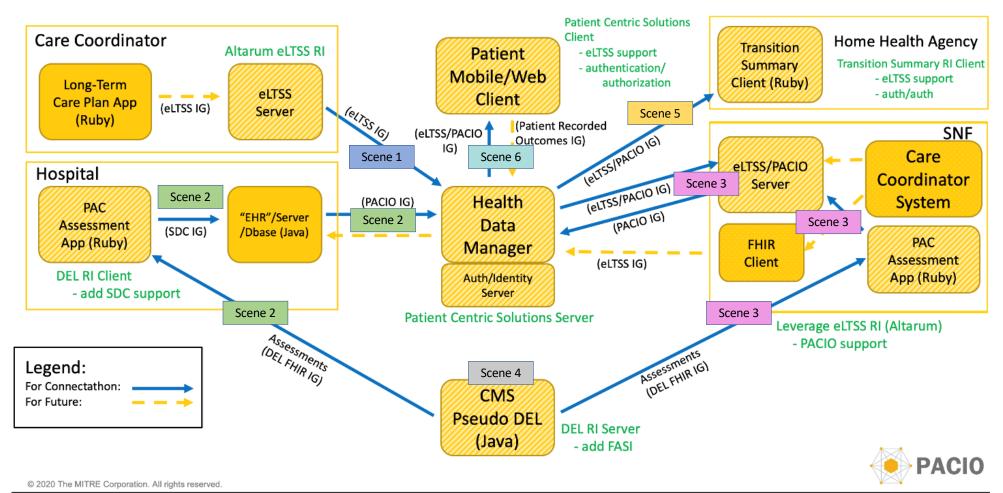
#### Use Case Diagram







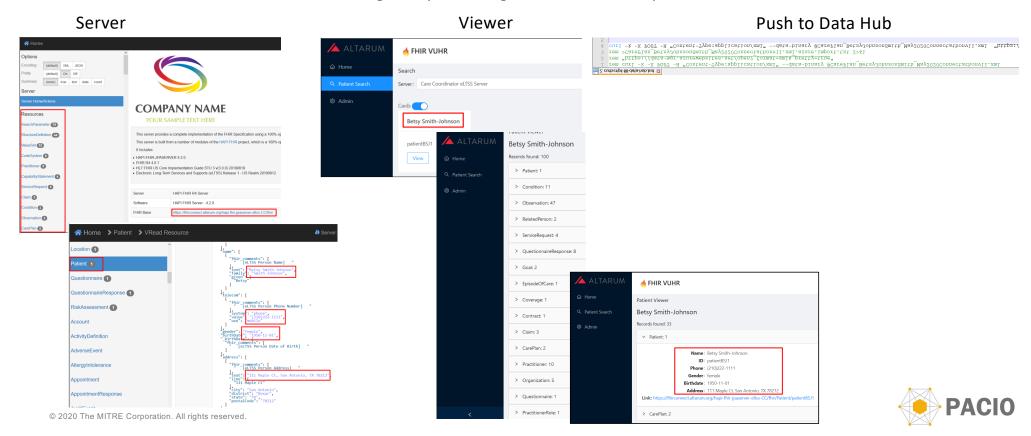
### System Diagram





## Scene 1 Screen Capture

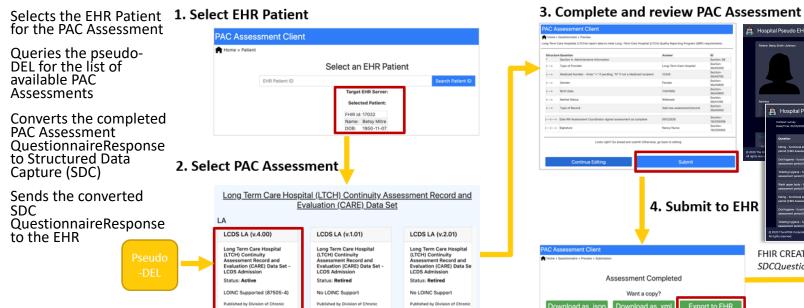
Ms. Betsy Smith Johnson receives home community-based services (HCBS) services at home. A social worker documents eLTSS data including care plan and goals. eLTSS data is pushed to the Data Hub.

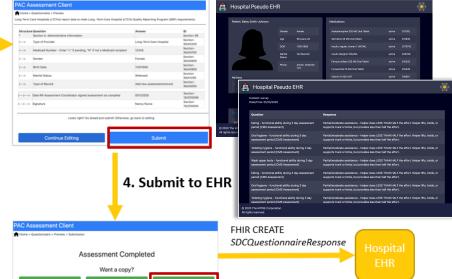




#### Scene 2 Screen Capture

Betsy experiences a fall at home and is admitted to the hospital for surgery. After the surgical intervention, Betsy is assessed by physical, occupational & speech language pathology therapists (PT/OT/SLP) and is recommended to continue her therapy in a skilled nursing facility (SNF). Cognitive and functional assessments completed and documented in the hospital EHR are pushed to the Data Hub.



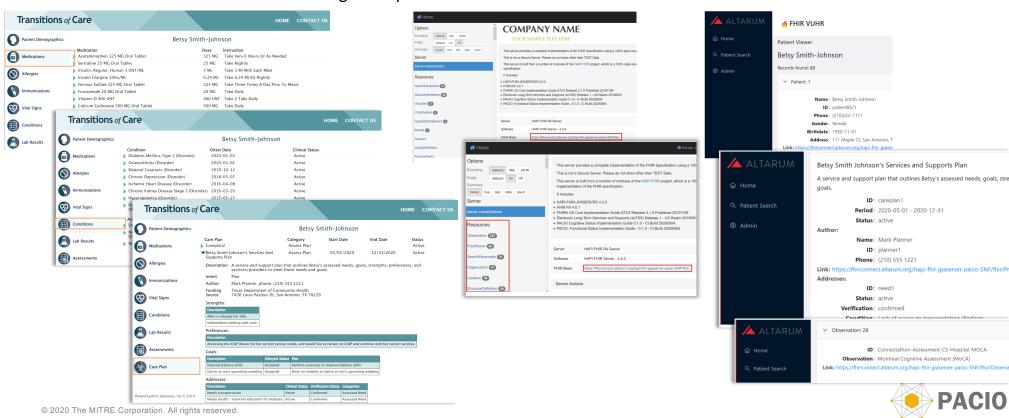






#### Scene 3 Screen Capture

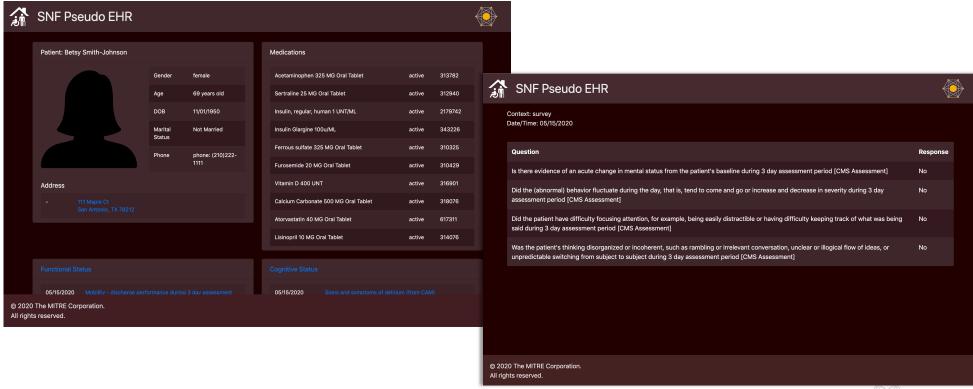
Betsy is admitted to the SNF for PT/OT/SLP services for 14 days. The SNF retrieves the eLTSS data and assessment data from the Data Manager to inform her care. Functional and cognitive status is assessed on admission and discharge and pushed to the Data Hub.





### Scene 4 Screen Capture

The assessment application pulls the standardized assessment data from the CMS DEL and presents forms to the clinician performing the assessments.

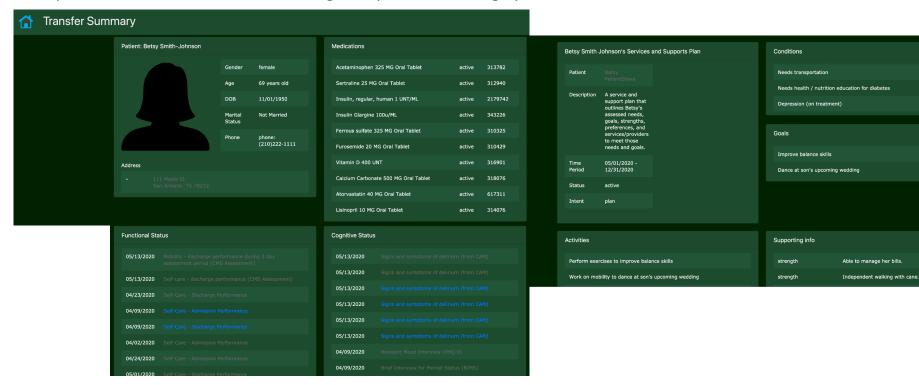






### Scene 5 Screen Capture

After 14 days, Betsy is ready for discharge back home. The HHA agency coordinator reviews the patient's data from the Data Manager as part of the triage process.

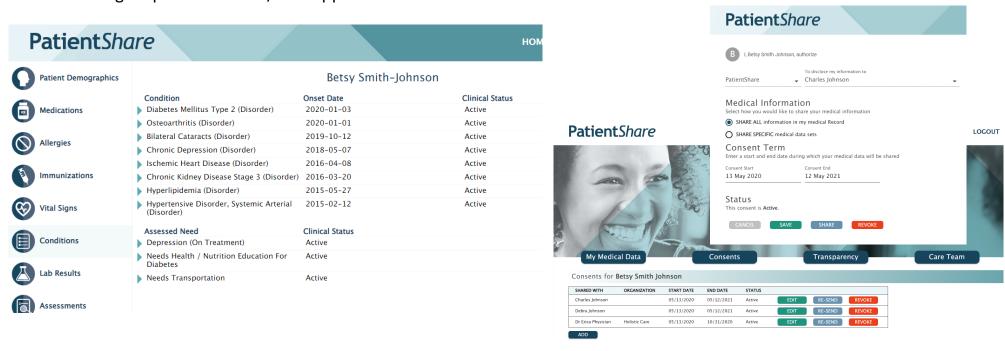






#### Scene 6 Screen Capture

While at home, Betsy and her authorized family caregiver access the eLTSS data and assessment data through a patient mobile/web application.





# What Went Well

- Patient Centric Solutions' and MITRE's client was able to get PACIO and eLTSS data from the Altarum server first time with no prior integration work
  - That is a testiment to the interoperability of the eLTSS and PACIO IGS



# Challenges

- Assessment data coming from Pseudo-DEL sometimes does not contain LOINC codes for answers
  - Requires an additional mapping step to work with PACIO resources, which require LOINC codes





The PACIO Project is a collaborative effort to advance interoperable health data exchange between post-acute care (PAC) and other providers, patients, and key stakeholders across health care and to promote health data exchange in collaboration with policy makers, standards organizations, and industry through a consensus-based approach.

Learn and share more about the PACIO Project at www.PACIOproject.org





