



The Office of the National Coordinator for
Health Information Technology



S&I Framework Update

HIT Policy Committee

January 14, 2014

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Office of Science & Technology

Putting the **I** in **HealthIT**
www.HealthIT.gov



Timing

Framework Launch Date	Jan 7, 2011
First Initiative Launch Date	Jan 31, 2011
Elapsed Time since Initiative Launch (as-of today)	35 months

Participation & Process

# Wiki Registrants	2890
# Committed Members	757
# Committed Organizations	580
# Working Sessions Held	2,124
S&I Face to Face meetings	3
Standards Organizations engaged	35
S&I Monthly Newsletter Editions	23
SDS Newsletter Subscribers	1,923

Outputs

# Consensus Approved Use Cases	21
# Pilots Committed	39
# Pilot Vendors	42
Total Ballots	24
# Total HL7 Ballot Comments Received	4,970
# HL7 Ballot Comments Resolved	3,968

S&I Initiative Portfolio Snapshot



	Pre-Discovery	Use Case	Harmonization	RI, Test & Pilot	Evaluation
Direct Project (S&I Archetype)					In production
Transitions of Care				<i>C-CDA Companion Guide for Meaningful Use balloted in September 2013 and is now under ballot reconciliation; Target publication date is early Q2</i>	
Lab Results Interface				<i>IG & Second Errata Published; 2014 CEHRT In Progress, IG preparation for normative ballot 2013</i>	
Query Health				<i>Pilots completed, QRDA III Published, HQMF R2 ballot reconciliation completed and HQMF R2 DSTU publication in progress</i>	
Data Segmentation for Privacy				<i>Pilots in Evaluation, IG in normative 2 balloting with HL7 Security WG, RESTful Supplement still in IHE SDO adoption process</i>	
Public Health Reporting				<i>Community Led, PHRI Framework and CDA guide published; Testing & Pilots in progress, working on education campaign, community will be meeting on a bi-weekly basis</i>	
esMD				<i>UC consensus closed for eDoC Generic Use Case, and eDoC PMD User Story, LLP User Story under Consensus voting, AoR L2 IG DSTU publication in progress, AAT IG submitted for HL7 ballot, Onboarding Pilots</i>	

S&I Initiative Portfolio Snapshot, continued



	Pre-Discovery	Use Case	Harmonization	RI, Test & Pilot	Evaluation
Longitudinal Coordination of Care	<i>Community-Led; 2 Use Cases Complete: Transfer Summary and 'Care Plan'; LCP, LTPAC & PAS SWGs Complete; Created 'Care Plan' Glossary for HITPC & HL7; C-CDA updates for Sept HL7 Ballot in ballot reconciliation; Pilots SWG launched 9/16</i>				
Laboratory Orders Interface	<i>LOI IG published December 2013; eDOS IG published November 2013; eDOS IG ballot reconciliation complete; Lab pilot efforts include LOI and eDOS</i>				
Health eDecisions	<i>Use Case 1: Pilots Complete, Published CDS KA IG on 12/24; Use Case 2: Balloted 5 HL7 specifications in September 2013 for CDS Guidance Service UC; Preparing for pilots; Published three VMR and two DSS artifacts on 12/19; Re-balloting Informative artifacts as DSTU for January 2014</i>				
Blue Button Plus	<i>Push & Pull IG's complete – focusing on implementation. Pilot WG is underway; Payer WG is developing Guidance.</i>				
Structured Data Capture	<i>Use Case & Standards consensus complete. SOAP/SAML IG development in progress. Form SWG finalizing XML Schema & CDE Definitions. Public Health User Stories Complete; PH CDE/Form Content Identification in progress. IHE Content Profile in progress. Patient Safety & Adverse Events Content SWG launch 03FEB13.</i>				
EU/US eHealth Cooperation	<i>Interoperability WG – received Acceptance from both EU and US community and leadership now beginning Harmonization discussions Workforce Development WG – Starting competency-role mapping exercises using</i>				
Data Access Framework	<i>Local DAF Use Case reach consensus on 12/11/13. Targeted DAF Use Case expecting to achieve consensus by mid-February; IHE PCC white paper in progress</i>				
PDMP – HIT Integration	<i>Project Charter consented on 12/31; Use Case launched 1/7; Winter Concert Series presentations from NCPDP (12/17/14) and ASAP (1/7/14)</i>				

Charter/Scope Summary

This Initiative identifies the functional and technical specifications to enable an EHR system to retrieve, display, and fill a structured form or template, and store/submit the completed form to an external repository

Content Work stream SWGs

- Patient Safety Event/Adverse Event Pilot SWG; focus on identification of CDEs and value sets for PSE/AE reporting
- Patient-Centered Outcomes Research (PCOR); focus on identification of CDEs and value sets for PCOR from EHRs
- Public Health Tiger Team: focus on identification of CDEs and value sets for PH reporting from EHRs

Technical Work stream SWGs

- Focused on development of four guidance areas: CDE Structure, Form/Template Structure, EHR-Interaction, and Auto-populate

Leadership Team

- **Initiative Coordinator:** Evelyn Gallego
- **ONC Lead:** Farrah Darbouze
- **SME (ONC):** Mark Roche, Amy Helwig
- **External SME:** Lisa Lang (NLM), Glenn Englemenn & Jon White (AHRQ)
- **Community Lead:** Dr. Ken Pool

Current Status

- Patient Safety Event/Adverse Event Pilot SWG: Will launch on 03FEB14 in partnership with AHRQ and FDA; completed outreach to stakeholder groups; currently completing mapping of Common Formats to standard terminologies and reviewing MU2 alignment to PSE
- Two Implementation Guides are targeted for development based on SOAP/SAML and REST/OAuth standards
 - SOAP/SAML IG: Will undergo End-to-End consensus from 1/20/14-1/31/14 with a target date of 2/10/14 for publication
 - Balloting through the IHE Quality, Research and Public Health (QRPH) Technical Framework as a Content Profile; Volume I of the SDC profile is targeted for completion on 1/17/14
 - REST/OAuth IG: Will be balloted through HL7 in 2014 in alignment with publication of HL7 FHIR Resources
- Technical work streams:
 - Public Health Tiger Team - Led by CDC/ONC - identified 3 PH Use Cases for piloting: EHDI, Cancer & Case Reporting
 - Forms SWG kickoff was 6/5/13 - Led by AHRQ, NLM – *now finalizing relevant IG sections for incorporation*
 - Standards SWG kickoff was 7/11/13 – *recommendations transitioned to IG development as of 8/29/13*
- Charter approved through consensus on 3/15/2013. Use Case approved through consensus on 5/30/2013
- Standards solution plan has gone through consensus and was established 9/17/13 after the publication of the IHE ITI Volume 10 Framework with updates made to the RFD Profile

Charter/Scope Summary

The value of the DAF initiative will be demonstrated through two work streams that enable providers to access their own patient's data both locally and externally

Local Data Access: A standardized way for providers to access their own patient(s)' data within the health organizations internal Health IT system

Targeted Data Access: A standardized way for providers to access a *known* individual patient's data from an external organization

The Initiative will leverage existing industry standards to create a framework that demonstrates modularity and substitutability for a limited set of standards combinations based on identified business requirements of the community.

Leadership Team

- **Initiative Coordinator:** John Feikema
- **ONC Lead:** Mera Choi

Current Status

- Local DAF Use Case consensus approved on 12/11/13
- Targeted DAF Use Case launched on 12/11/13; continuing use case development; and, aiming to reach consensus by mid February 2014
- Launched DAF IHE/S&I Joint Technical Workgroup on 11/25/13, led by Keith Boone (IHE/PCC) and (Dragon) Nagesh Bashyam (S&I).
 - This group meets weekly to support the advancement of the whitepaper regarding the overall Data Access Framework technical solution.
 - The whitepaper will be reviewed at IHE Domain Volume One meeting on 2/10/14 in Vienna, Austria.

ONC website:

www.healthit.gov/

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S&I Framework Wiki:

<http://wiki.siframework.org/>

 **S&I FRAMEWORK**