**HL7 IIM&T, ACS Cancer Interoperability Launch and HSPC**

**Aug 1-4, 2017 Meetings Summary Report**

**Meeting hosted by American College of Surgeons (ACS), Washington, DC**

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**Aug 7, 2017 0800 draft**

**1 Aug ACS & IIM&T agenda and slides are viewable and downloadable at:**

<https://1drv.ms/f/s!AlkpZJej6nh_lZ143eOPm8dFLv-CTg>

**2-4 Aug HSPC agenda and slides are viewable and downloadable at**: <https://healthservices.atlassian.net/wiki/spaces/Meetings/pages/105190619/15th+General+Meeting+of+HSPC?mc_cid=0b6c6138ec&mc_eid=dda50449ea>

**Legacy HL7 IIM&T slides, reports and newsletters are viewable and downloadable at**:

<https://1drv.ms/f/s!AlkpZJej6nh_lZ143eOPm8dFLv-CTg>

**Bottom Line Up Front (BLUF)**

The 1 Aug, 2017 meetings included

* + 8-10 AM: HL7 Integration of Information Models and Tools (**IIM&T**) Part 1: *Projects' Status*
  + 10-3: American College of Surgeons (**ACS**): *Cancer Interoperability Launch*
  + 3-5 PM: HL7 IIM&T Part 2: *Next Steps*.

The 2-4 Aug 15th HSPC meeting followed with the intent to leverage plenary and break out tracks to cover current and evolving efforts. These included the HSPC Roadmap, infrastructure, development sandbox, tooling, information modeling and terminology efforts and associated outreach, governance and communications interests.

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Interest** | **Corresponding Steps** |
| HL7 IIM&T: Part 1: *Pilot Status* | * + - Pilots Status though abbreviated exchanges     - Interest to capture in reasonable fashion pilots intent and status sustained / supported     - Survey remains available | Representation via survey collection will be pursued; open to any approach streamlining activity to support as input to IIM&T Newsletter |
| HL7 IIM&T Part 2: *Next Steps* | * + - Simplification considerations     - Members supported increased attention to Skin Wound Assessment pilot to streamline methodology and products     - Tooling interests remain noteworthy interests | * + - SOLOR activities via HSPC will continue to ‘refine’ simplification interests     - Skin Wound Assessment sustains prominent attention to any underlying IIM&T effort (CIMI, FHIM, CQF refactoring)     - Tooling Requirements (what this means) endorsed |
| *Cancer Interoperability Launch* | * + - Registry data sharing and quality     - Learning health systems | * + - Common data elements     - CLIM (SOLOR, FHIM, CIMI, CQF), FHIR     - Detailed Clinical Models     - HSPC "SMART on FHIR" components |
| HSCP Plenary  2-4 Aug | * + - Query launched to appreciate latitude with Cerner / their license to support SOLOR     - Support to acquire the needed extract(is there latitude in license to gain a Cerner Millennium core data model content extract?)     - SOLOR activities would occur to improve (unify) the content; build extensions     - Interest is to arrange the ability to make that contribution back? Dollars may be needed to accept such DoD, VA, IPO extensions | * + - Mark Overhage, Cerner POC, as an HSPC attendee, to investigate (Dr Kator, Keith Campbell initiated)     - Present as Open Interest to be assessed for next steps     - IPO & VA expressed interest in DHA PAMPI data-sharing initiative to refine and demonstrate methodology and products. |

In conclusion, there are synergies among these entities and areas, which are advantageous to leverage faster, better and cheaper standards, information exchanges and applications supporting the DoD and VA EHR modernizations. Current interests are highly aligned; where, increased collaboration can create a Federal, Healthcare Partners, industry and academic win-win situation. Specifically, IPO, DHA and VA projects identified to release C-CDA and FHIR improved-content should leverage the IIM&T methodology, HSPC Developers' Sandbox plus HL7 and HSPC communities peer-reviews. Any insight gained in turn can be passed on supporting incremental implementation; incremental improvement to critical Federal Partners' initiatives, such as PAMPI.

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**Overview**

While the HL7 IIM&T Project Scope Statement (**PSS**) # 1316 was approved Jun 13, 2017 and formally details the need and approach; where, the HL7, as an SDO, provides a venue to promote and publish resulting standards-based artifacts, the advantage the HSPC brings is to collaboratively refine, work up, and incrementally implement and improve intent. The advantage this synergy produces is also observed as it attracts special interests with the most recent demonstrated via the request by ACS to launch Cancer Interoperability specifically to modernize their registries (starting with cancer--breast and lung). HSPC has a MOU with HL7 specifically to not only bring together these organizations together, but to also formally leverage the formal results (such as testing and conformance); where, HSPC stands up to accelerate and improve the HL7 standards approval process.

The Jul 2017 HL7 IIM&T PSS, with its inherent methodology, identifies the following pilots, which were further accented as specific focus opportunities to build upon the lessons learned: 1) Skin – Wound Assessment, 2) FPAR - Family Health Reporting and 3) Neonatal pilot projects. The HSPC by its approach is evolving HL7 IIM&T project's methodology, emerging CIMI architectural framework, the HL7 Common Logical Information Model (**CLIM**) intended and doing so by offering the collaboration and ready access to HSPC's tools, development-and-test environment and emerging components for service platforms and applications

Another forum with HL7 and HSPC ties and referenced is the re-emergence of the Clinical Information Interoperability Council (**CIIC**) which met 13 Jul 2017 at the National Institute of Health (NIH). With all interests sustained, the main value CIIC offers is the access to the clinical communities. Specifically, the stand out element was the invitation and inclusion of the medical societies. With details to be worked, the attendees to the 13 Jul 2017 endorsed the CIIC.

* + HL7 is a standards development organization including subject matter experts from the Services, Federal Agencies, professional medical societies, academia, and healthcare-related groups, such as HSPC. HL7 workgroups produce, peer-review and curate standard semantic data packages and constructs. This work empowers machine-computable and clinician-usable information for clinical practice, information-sharing, clinical decision support, population-based reasoning and analytics. HL7 has an HSPC collaboration MOU.
  + HSPC is a provider-led consortium producing an open ecosystem of interoperable applications, knowledge, content, and services within a reusable model library and component marketplace for developers, implementers and integrators to construct service platforms-and-applications. This forum and the collaboration it affords is regarded as an ideal resource to ‘incrementally implement, incrementally improve computable interoperability;’ ensuring via the collaboration that, the fullest of considerations are represented as outputs are delivered.
  + HL7’s IIM&T project will facilitate alignment among a federated set of CIMI-compliant models: SOLOR, FHIM, DCMs, CQI CQF, US CORE, QI Core, etc.; where, alignment is dependent on common CIMI principles and constructs (e.g., Reference Archetypes and semantic anchor Patterns) shared among those models. The IIM&T project will not create new models. CIMI encourages 4-6 month pilot-project sprints; where, results can be presented at HL7 workgroup meetings; so that; the CIMI workgroup can consider incorporating project lessons-learned and artifacts into the CIMI's curated principles, Reference Archetypes, Semantic-Anchor Patterns, DCMs, architecture, processes, style, architecture and Practitioners' guides and related exemplars, tutorials and videos. This project intends to demonstrate how computable interoperability can be achieved through the coordination of the CIMI Logical Model with physical message models such as FHIR. Refer to the PSS for complete scope.
  + IIM&T project goal is to Improve patient-value (safety and quality of care at reduced cost) from "learning Health Systems (**LHS**); where, patient-value serves to unite the diverse interests of participants within the healthcare system. Semantic-interoperability is foundational to achieving LHS. As patient value improves, so does economic-sustainability.
  + IIM&T’s methodology executed via HSPC maintains a clean separation of structural model and clinical model semantics, using a **SOLOR** (SNOMED with LOINC and RxNorm extension) to create a terminology foundation. SOLOR follows the SNOMED CT observation model, which separates finding, context and provenance. SOLOR encourages post-coordination within SNOMED descriptive-logic expressions to eliminate semantic-overlap inconsistencies, e.g. UML structural-model and terminology-model both specifying anatomical location. Model-driven developments (**MDD**) can result in clear, complete, concise, correct, consistent and requirements-traceable C-CDA and FHIR profiles to enable efficient-and-effective clinical decision support (**CDS**), knowledge-based-systems (**KBS**), population-based analytics. Thereby, CLIM and MDD increase patient-value.
  + IIM&T's products are an HL7-ISO Healthcare Architectural Framework, Common Logical Information Model (**CLIM**) of harmonized SOLOR, FHIM, CIMI, CQF, FHIR and C-CDA standards, implementation guides and reference implements. These are consistent-and-traceable to a rich collection of re-usable use-cases used-to specify computable healthcare data-sets, which are compose-able into actionable patient information, FHIR and C-CDA APIs, services, components, mobile-apps and systems, such as EMRs, Registries, Lab, Rad, Rx. CLIM hierarchically harmonizes
    - **VA SOLOR** (SNOMED CT extension for LOINC and RxNorm),
    - **FHA FHIM** (Federal Health Information Model) clinical domains, classes and data elements.
    - **HL7-ISO AF** (Architectural Framework) of Basic Meta-Model (**BMM**), principles and methodology,
    - **CIMI DCMs** (Detailed Clinical Models) constraining FHIM’s clinical reference architypes,
    - **ONC CQF** (Clinical Quality Framework) for
      * **CQI** (Clinical Quality Indicators) and
      * **CDS** (Clinical Decision Support).
    - **MDD** (Model-Driven Development) tools to specify FHIR Structure Definitions for
      * HL7-ISO standard US FHIR core, QI Core, C-CDA and FHIR profiles plus
      * implementation guides, reference implementation code, APIs and test fixtures.
  + Healthcare Services Platform Consortium (**HSPC**) “SMART on FHIR” and SOLOR project is producing tools, a development environment and reusable-components to accelerate the delivery of a services-platform empowering the “faster-better-cheaper” construction-of innovative healthcare applications and mobile-apps for the improvement of health, healthcare delivery and patient-value.
  + ROI: improved patient-value (safety, care-quality, lower cost) from efficient and effective
    - CLIM (SOLOR, FHIM, CIMI, CQF) empowering consistent and traceable MDD
      * Via release of associated implementation artifacts (guides, models, etc.)
    - HSPC design-time tooling, development environment and run-time components,
    - CDA and FHIR HL7-ISO standards to enable high-quality healthcare systems
    - economic-sustainability for healthcare-system stakeholders.

**Upcoming Events**

* + Sep 9-15 HL7 Workgroup meeting, San Diego
  + Oct 17-18 Implementers SMART on FHIR Forum. Univ. of UT School of Medicine
  + Nov 1-2 HL7 Partners in Operability meeting "*Digital Quality Summit"*, Washington DC
  + Nov 13-15, HSPC, hosted by Regenstrief, Indianapolis, IN
  + Nov ??, IPO HUB Technical Forum, Roslyn, VA
  + Dec 5-7, Partners in Interoperability and CIIC Mtg., New Orleans
  + Jan 27 to Feb 2, HL7 Workgroup meeting, New Orleans
  + Mar 5-9, HIMSS, Las Vegas

Machine generated alternative text:
Model Development Lifecycle 
Standards Infusion 
CIMI RM 
Standard 
Terminologies 
(SOLOR) 
CEMs 
DCMs 
CDA 
Templates 
openEHR 
LEGOs 
Model Review 
Repository of 
Shared Models 
in an approved 
FHIM 
Model 
CEM 
DCM 
UML 
anslat 
Localization 
& Context 
Specializat 
V2XML 
w XML 
FHIR 
AML 
Payload 
CEN 
Archetype 
Initial Loading of Repository 
Model Dissemination 

Machine generated alternative text:
The Interoperable App Development 
Process 
Domain 
Analysis 
Project Needs 
• Pediatric Growth Chart 
• Neonatal Bilirubin 
• Comm Acq Pneumonia 
OPA Data Collection 
• MQIP 
ACC registries 
Create 
Logical 
Models 
(CIMI) 
Conformance 
Testing 
Approve 
Models 
Terminology 
Server 
(SOLOR) 
Create 
Software 
(Apps, 
Services, 
CDS) 
Model 
Repository 
Create 
Physical 
Artifacts 
(FHIR Profiles) 
Artifact 
Repository 
(FHIR Profiles) 

**Acronyms and Links**

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| BMM | CIMI Basic Meta Model components | ISAAC | VA tool for SOLOR |
| CEM | Intermountain Clinical Element Models | ISO | International Standards Organization |
| CIMI | HL7 Clinical Information Model Initiative | JIF | VA/DOD Joint Incentive Fund |
| CLIM | HL7 Common (Clinical) Logical Information Model | KNART | CDS Knowledge Artifact |
| CQI | HL7 Clinical Quality Information | LOINC | Logical Observation Identifiers Names and Codes |
| CQF | HL7 Clinical Quality Framework | MDHT | Model Driven Health Tools |
| DAF | ONC Data Access Framework | MDMI | Model Driven Message Interoperability |
| DCM | Detailed Clinical Model | ONC/OST | US Office of the Natl. Coordinator / Office of Science and Tech. |
| eCQM | CQI Electronic Clinical Quality Measure | PMP | Program Management Plan |
| STU | HL7 Standard for Trial Use | PSS | Project Scope Statement |
| EDW | Electronic Data Warehouse | QUICK | CQI Quality Information and Clinical Knowledge logical model. |
| FDA | US Federal Drug Agency | RXNorm | US National Library of Medicine naming system for drugs |
| FHA | US Federal Health Architecture | SIGG | Standards Interoperability Guide Generator |
| FHIM | US Federal Health Information Model | SOLOR | SNOMED extension for LOINC & RXNorm |
| FHIR | HL7 Fast Health Information Resource | TLC | ONC/OST Technical Learning Center |
| HIEA | DoD VA IPO Health Interoperability Exchange Alliance | VA | US Veterans Administration |
| HcDir | ONC-FHA Provider Healthcare Directory. | VCS | Version Control System for collaboration |
| IPO | US DoD and VA Interagency Program Office | VSAC | NLM Value Set Authority |

* + **BMM** is CIMI Reference Model (Information Architecture) Basic Meta Model components.
    - See <http://wiki.hl7.org/index.php?title=CIMI_Practitioners%27_Guide>
  + **CDA** is HL7 Clinical Data Architecture.
    - See <http://www.hl7.org/implement/standards/product_brief.cfm?product_id=258>
  + **C-CDA** is HL7 Consolidated CDA.
    - See <http://www.hl7.org/implement/standards/product_brief.cfm?product_id=379>
  + **CEM** is Intermountain Clinical Element Models. See <http://www.opencem.org/#/>
  + **CDS** is HL7 Clinical Decision Support workgroup.
    - See <http://wiki.hl7.org/index.php?title=Clinical_Decision_Support>
  + **CIMI** is HL7 Clinical Information Model Initiative.
    - See <http://wiki.hl7.org/index.php?title=Clinical_Information_Modeling_Initiative_Work_Group>
  + **CIMI Principles** See <http://wiki.hl7.org/index.php?title=CIMI_Practitioners%27_Guide>
  + **CIMI Reference Models (aka Information Architecture)** 
    - See <http://wiki.hl7.org/index.php?title=CIMI_Practitioners%27_Guide>
  + **CLIM** is HL7 Clinical Logical Information Model Package of CIMI-Harmonized SOLOR, FHIM, CQF, CIMI DCMs and CQI KNARTs; where, independent organizations maintain the component models and HL7 periodically configuration manages, ballots and standardizes them.
  + **CQF** is ONC Clinical Quality Framework.
    - See <http://wiki.hl7.org/index.php?title=Clinical_Decision_Support>
  + **CQI** is HL7 Clinical Quality Initiative workgroup.
    - See <http://wiki.hl7.org/index.php?title=Clinical_Quality_Information>
  + **DAF** is ONC Data Access Framework (currently known as US Core FHIR).
    - See <http://wiki.siframework.org/Data+Access+Framework+Homepage>
  + **DCM** is CIMI Detailed Clinical Models. See <http://www.opencimi.org/model-browser>
  + **FHIM** is Federal Health Information Model. FHIM specifies 30+ healthcare domains.
    - See <http://FHIMS.org>
  + **FHIR** is HL7 Fast Healthcare Information Resource standard and workgroup.
    - See <http://wiki.hl7.org/index.php?title=FHIR>
  + **HcDir** is ONC-FHA Provider Healthcare Directory. See <http://wiki.siframework.org/Provider+Directories>
  + **IIM&T** Is CIMI-sponsored HL7 Integration of Information Models & Tools Project #1316.
    - Wiki: <http://wiki.hl7.org/index.php?title=Clinical_Information_Modeling_Initiative_Work_Group>
    - Newsletters: <http://wiki.hl7.org/index.php?title=CIMI_Newsletters>
    - PSS: <https://1drv.ms/f/s!AlkpZJej6nh_lIQOuPJcL2rf5BVoXQ>
  + **JET** is DoD-VA Joint Exploratory Team.
  + **KNART** is CDS Knowledge Artifact.
    - See <http://www.hl7.org/implement/standards/product_brief.cfm?product_id=337>
  + **MDHT** is SIGG Model Driven Health Tool.
    - See <https://projects.eclipse.org/proposals/model-driven-health-tools>
  + **MDMI** is SIGG Model Driven Message Interoperability.
    - The present MDMI Referent Index (RI) scope is the US Core; where, FHIM is used for data-element value-sets.
    - FHA’s MDMI RI supports all MU2 data elements and >90% of the C-CDA model.
    - See <http://www.omg.org/mdmi/> and <http://www.omg.org/spec/MDMI/>
    - See at <https://github.com/MDMI/ReferentIndexContent>
  + **NIEM** is National Information Exchange Package. See <https://www.niem.gov/>
  + **QI Core** is FHIR Quality Improvement Core Implementation Guide.
    - See <https://www.hl7.org/fhir/qicore/qicore.html>
  + **QUICK** is CQI Quality Information and Clinical Knowledge logical model, used to specify eCQMs and FHIR QI Core.
    - See <https://www.hl7.org/documentcenter/public_temp_315E0F18-1C23-BA17-0C73398BA144AB5D/wg/cqi/Defining_eCQMs_Using_CQL.pdf>
  + **RI** is SIGG-MDMI Referent Index. See <https://github.com/MDMI/ReferentIndexContent>
  + **SIGG (MDHT, MDMI)** is FHA Standards Implementation Guide Generator
  + **SOLOR** is VA’s SnOmed LOinc, Rxnorm.
    - HSPC hosts the SOLOR terminology editing environment.
  + **VSAC** is NLM Value Set Authority Center. <https://vsac.nlm.nih.gov/>

**HL7 IIM&T & ACS Tue 1 Aug Agenda**

**08:00 - 10:00 IIM&T Pilot Projects Status**

* + Stan Huff <Stan.Huff@imail.org>; 'switconsulting@comcast.net'; Campbell, Keith E (Portland) <Keith.Campbell@va.gov>; 'Keith E. Campbell' <campbell@informatics.com>; Skapik, Julia (HHS/ONC) <Julia.Skapik@hhs.gov>; susan.matney@imail.org; 'Richard Esmond' (richard.esmond@gmail.com); 'galen.mulrooney@jpsys.com' (galen.mulrooney@jpsys.com); Claude Nanjo' (cnanjo@cognitivemedicine.com); Robert McClure MD <rmcclure@mdpartners.com>; sean.muir@jkmsoftware.com; dcarlson@xmlmodeling.com; SHufnagel@ApprioInc.com; 'Kramer, Mark A.' <MKRAMER@mitre.org>; Frazier, Pavla (pavla.frazier@leidos.com) (pavla.frazier@leidos.com); Frazier, Pavla A. (LM) (Pavla.Frazier@va.gov); ; Terrie.Reed@fda.hhs.gov; HILLS, CHRISTOPHER J CIV USN SPAWARSYSCEN LANT SC (US) <christopher.j.hills.civ@mail.mil>; Hasley, Stephen K <hasleysk@upmc.edu>; Reginald Humphries, Reginald Humphries, Dan Morford, Gregory Pappas, Martha.Velezis

**Core Work**

* + FHIM integration of CIMI Clinical BMM & Archetypes (Patterns) (Galen Mulrooney)
  + US Core / QI Core integration of CIMI BMM & Archetypes (Patterns) (Claude Nanjo)
  + Refine PROCEDURE and CONTEXT based on Pilots (Galen Mulrooney & Claude Nanjo)
  + SOLOR
  + HL7 Ballot (BMM, Style & Architecture Guide, Skin Assessment Exemplar) (Sep 2017)

**Project Centric**

* + Patient Care Project #1253 "CIMI Clinical Model Proof of Concept" (Skin Assessment)\* (Susan Matney)
  + Pediatric Bilirubin Management CDS, needs code generation library (Ken Kawamoto)
  + Zika measure (Ken Kawamoto and Claude Nanjo)
  + Immunization Management EHR Functional Model Profile (Steve Hufnagel & Gary Dickerson)
  + Family Planning Annual Report (FPAR) – HSPC pilot with ACOG\* (Stan Huff, Susan Matney, Dr Hasley)
  + Device interfaces MDEpiNet (Julia Skapik, ONC and Terri Reed, FDA)
  + FHIR JET (Joint Exploratory Team)\* (Dave Carlson, Mark Kramer)
  + Just Announcer: NICU Emery Fry
  + Just in from FHIR Group: Vital Signs Challenges (Susan Matney)
  + Proposed for DHA, VA, IPO: PAMPI (Keith Campbell, Steve Kator, Steve Hufnagel)

**10:00-15:00 Cancer Interoperability 1 Aug Agenda**

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| --- | --- |
| **10:00 am** | **Call to order** |

**10:05 - 10:15 am - Welcome and Overview of Meeting - Frank Opelka MD**

This pre-HSPC kickoff meeting is in response to ACS's request to HL7 and HSPC for help modernize ACS registries to better enable modern clinical decision support and analytics, using FHIR APIs.

**10:15 - 11:00 am - Interoperability depends on implementing the same data model across systems**

* + **Stan Huff**, MD; Chief Medical Informatics Officer, Intermountain Healthcare
  + **Charles (Chuck) Jaffe**, MD, PhD ; CEO, Health Level Seven International

**11:00 - 11:15 am - Clinical Importance of Care Models**

* + Frank Opelka, MD, ACS cancer lead

**11:15 - 11:45 am VA Initiatives in Interoperability**

* + Michael Kelley of VA
  + Doug Rosendale

**11:45 - 12:30 pm Introduction to Clinical Modeling**

* + Richard Esmond; HL7 CIMI Co-Chair, CTO PenRad Inc.
  + Mark Kramer; MITRE

**12:30 - 1:15 pm Lunch**

**1:15 - 2:00 pm Demonstrations, Explanation and Q&A**

* + Richard Esmond; HL7 CIMI Co-Chair, CTO PenRad Inc.
  + Mark Kramer; MITRE
  + Steve Hasley, MD
  + Susan Matney

**2:00 - 3:00 pm Action plan for developing the roadmap for Solid-Mass Cancers (Lung and Breast) Open-Discussion Facilitated by:**

* + Stan Huff, MD; Chief Medical Informatics Officer, Intermountain Healthcare
  + Frank Opelka, MD
  + Richard Esmond; HL7 CIMI Co-Chair, CTO PenRad Inc.

**03:00 - 05:00 pm IIM&T Plans**

* + Terminology foundation: SOLOR (via SNOMED, LOINC & RxNORM) combined with the
  + Integration/harmonization of information models CLIM (SOLOR, FHIM, CIMI, CQF), FHIR, C-CDA
  + Tooling to deliver value to implementers
  + Implementations, including but not limited to FHIR and C-CDA
  + Agile-scrum Pilots/Projects in order to deliver results and incrementally apply lessons learned.
  + Governance / Communications

**HSPC Day 1, Wed Aug 2, 2017 Agenda**

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| --- | --- | --- | --- | --- | --- |
|  | **Topic** |  | **Speaker / Facilitator** |  |  |
| 0800-0830 | Breakfast |  |  |  |  |
| 0830-0845 | Welcome and Introductions |  | Oscar Diaz |  |  |
| 0845-0915 | Keynote |  | Viet Nguyen  [HSPC\_Keynote\_20170802.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/HSPC_Keynote_20170802.pptx?version=1&modificationDate=1501679572694&cacheVersion=1&api=v2) |  |  |
|  | ***Updates from Recent Consortium Activity*** |  |  |  |  |
| 0915-0940 | Cancer DTR Update |  | Frank Opelka |  |  |
| 0940-1005 | CIIC |  | Stan Huff  [Clinical Information Interoperability Council](https://healthservices.atlassian.net/wiki/spaces/CIIC/overview)  [Plans for Moving Forward 2017 07 18 for HSPC in DC.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/Plans%20for%20Moving%20Forward%202017%2007%2018%20for%20HSPC%20in%20DC.pptx?version=2&modificationDate=1501773117844&cacheVersion=1&api=v2) |  |  |
| 1005-1030 | Break |  |  |  |  |
| 1030-1050 | Activity and Plan Management Project update |  | Marc Overhage/ Oscar Diaz  [HSPC slides Draft.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/HSPC%20slides%20Draft.pptx?version=1&modificationDate=1501685935397&cacheVersion=1&api=v2) |  |  |
| 1050-1105 | Conformance & Certification Update |  | Craig Parker  [HSPC Confromance Update DC2017.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/HSPC%20Confromance%20Update%20DC2017.pptx?version=1&modificationDate=1501687819081&cacheVersion=1&api=v2) |  |  |
| 1105-1120 | Marketplace update |  | Preston Lee |  |  |
| 1120-1150 | Community brief on HSPC projects  Roadmap - Ken  SOA Platform - Preston  Developers Environment - Rick  SOLOR - Susan Matney/Keith Campbell |  | Facilitator: Ken Rubin    [2017-08 HSPC Lightning Round Project Updates.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/2017-08%20HSPC%20Lightning%20Round%20Project%20Updates.pptx?version=1&modificationDate=1501687835070&cacheVersion=1&api=v2) |  |  |
| 1150-1210 | HSPC Liaison activity  OMG/BPMN- Ken, 5 min  MOU updates- Virginia, 5 min  Outreach activities - Oscar, 5 min  HL7/Argonauts - Stan, 5 min |  | Facilitator: Oscar Diaz    [MOU Updates 2017 08.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/MOU%20Updates%202017%2008.pptx?version=1&modificationDate=1501679631040&cacheVersion=1&api=v2) |  |  |
| 1210-1300 | Lunch |  |  |  |  |
|  | **Track 1-** | Facilitator | **Track 2**  L |  | **Facilitator** |
| 1300-1445 | HSPC Roadmap Breakout    [2017-08 HSPC Roadmap TMAP Presentation Version.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/2017-08%20HSPC%20Roadmap%20TMAP%20Presentation%20Version.pptx?version=1&modificationDate=1501693040412&cacheVersion=1&api=v2)    [2017-07 HSPC Interoperability Roadmap ALPHA RC1a.docx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/2017-07%20HSPC%20Interoperability%20Roadmap%20ALPHA%20RC1a.docx?version=1&modificationDate=1501693130901&cacheVersion=1&api=v2) | Ken Rubin | 1300-1445 | Activity and Plan Management Project Breakout | Marc Overhage  Oscar Diaz |
| 1445-1515 | Break |  |  |  |  |
| 1515-1630 | Conformance & Certification Breakout | Craig Parker | 1515-1630 | Activity and Plan Management Project Breakout - continued | Marc Overhage  Oscar Diaz |
| 1630-1700 | Report from Breakouts |  | Stan Huff |  |  |
| 1700-1715 | Wrap up and Adjourn |  | Stan Huff |  |  |
| 1800-1930 | Reception -  The Liaison: Art and Soul Restaurant - Private Room. Enter through the restaurant entrance, go to the large gray door on the right. The hostess can also help show the way.  415 New Jersey Ave. NW Washington, DC 20001 |  |  |  |  |

**HSPC Day 2, Thu Aug 3, 2017 Agenda**

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| --- | --- | --- | --- | --- | --- |
|  | **Topic** |  | **Speaker / Facilitator** |  |  |
| 0800-0830 | Breakfast |  |  |  |  |
| 0830-0845 | Welcome and Introductions |  | Oscar Diaz |  |  |
| 0845-0910 | Terminology and Modeling update |  | Susan Matney  [HSPCTerminologyInitiativesUpdate08022017.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/HSPCTerminologyInitiativesUpdate08022017.pptx?version=1&modificationDate=1501679754034&cacheVersion=1&api=v2) |  |  |
| 0910-0935 | Development Environment and Resources update |  | Rick Freeman  [2017-07 HSPC General Meeting-HSPC Sandbox-Freeman.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/2017-07%20HSPC%20General%20Meeting-HSPC%20Sandbox-Freeman.pptx?version=1&modificationDate=1501764450700&cacheVersion=1&api=v2) |  |  |
| 0935-1000 | SOA Platform update |  | Preston Lee |  |  |
| 1000-1030 | Break |  |  |  |  |
| 1030-1100 | Knowledge, Content and Clinical Process Sharing update |  | Peter Haug, Emory Fry, Ken Rubin  [Knowledge Authoring Reference Model 8-2017-distrib.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/Knowledge%20Authoring%20Reference%20Model%208-2017-distrib.pptx?version=1&modificationDate=1501811975659&cacheVersion=1&api=v2) |  |  |
| 1100-1135 | NICU Pilot update |  | Emory Fry  [HSPC-NICU PIlot.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/HSPC-NICU%20PIlot.pptx?version=1&modificationDate=1501791271597&cacheVersion=1&api=v2) |  |  |
| 1135-1200 | HSPC Governance |  | Stan Huff/Ken Rubin/Oscar Diaz |  |  |
| 1200-1300 | Lunch |  |  |  |  |
|  | **Track 1** | **Facilitator** | **Track 2** |  | **Facilitator** |
| 1300-1445 | SOA Platform Breakout | Preston Lee | 1300-1445 | Terminology and Modeling Breakout | Keith Campbell |
| 1445-1515 | Break |  |  |  |  |
| 1515-1630 | SOA Platform Breakout | Preston Lee | 1515-1630 | Terminology and Modeling Breakout | Susan Matney |
| 1630-1700 | Report from Breakouts |  | Stan Huff |  |  |
| 1700-1715 | Wrap up and Adjourn |  | Stan Huff |  |  |

**HSPC Day 3, Fri Aug 4, 2017 Agenda**

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| --- | --- | --- | --- | --- |
|  | **Topic** |  | **Speaker / Facilitator** |  |
| 0800-0830 | Breakfast |  |  |  |
| 0830-0845 | Welcome and Introductions |  | Oscar Diaz |  |
|  | **Track 1** | **Facilitator** | **Track 2** | **Facilitator** |
| 0845-1000 | Tooling Breakout  BOARD ROOM CONFERENCE ROOM CLOSEST to DOOR | Craig Parker | Opportunities for provider Collaboration MAIN ROOM | Stan Huff and Viet Nguyen |
| 1000-1030 | Break |  |  |  |
| 1030-1050 | Reports from Breakouts |  | Oscar Diaz |  |
| 1050-1130 | Roadmap Discussion:   Community Input, Validation, and Voting  [2017-08 HSPC Roadmap TMAP Presentation Version.pptx](https://healthservices.atlassian.net/wiki/download/attachments/105190619/2017-08%20HSPC%20Roadmap%20TMAP%20Presentation%20Version.pptx?version=1&modificationDate=1501693040412&cacheVersion=1&api=v2) |  | Ken Rubin |  |
| 1130-1200 | HIMSS Planning |  | Laura Heermann/Rick Freeman |  |
| 1200-1230 | Lunch |  |  |  |
| 1230-1330 | Next Steps  Conference call planning  Wrap up and Adjourn |  | Stan Huff |  |

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**Status, Issues and Actions:**

Notes are being processed; where, this section will be available, in about a week.

See <https://1drv.ms/f/s!AlkpZJej6nh_lZ143eOPm8dFLv-CTg>