

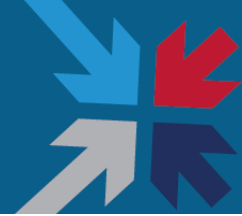


NHIN Direct Project Implementation Group Meeting

July 20, 2010



Agenda





- » Reminders

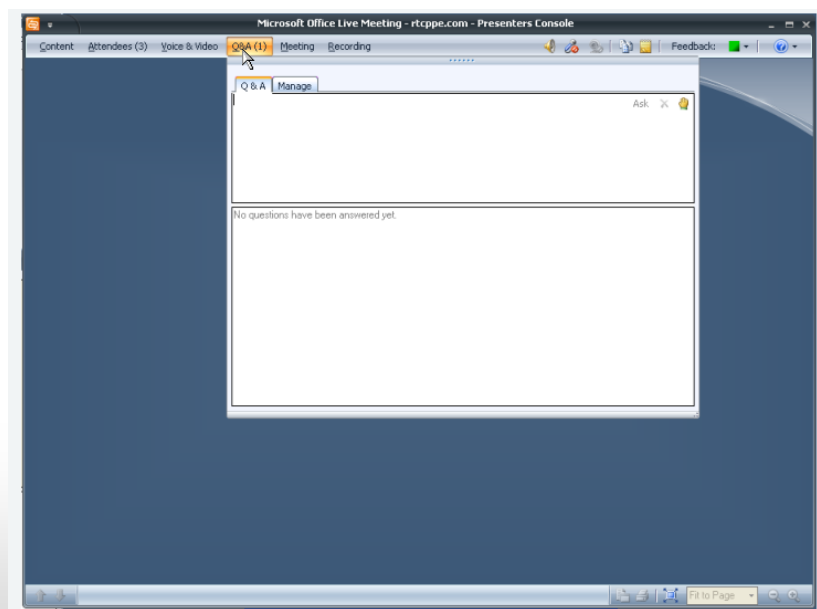
- » Workgroup Updates

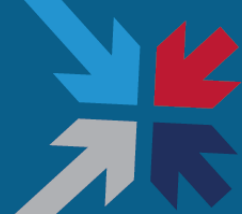
- » Calendar & Participation

Review of Participation



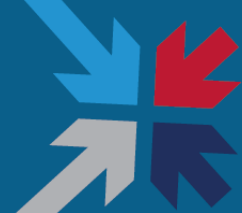
- » Use the Q&A text box function in the web conference to ask a question, or to signal an intent to speak
- » **To type a question**, please type questions into the Q&A text box and click 
- » **To vocalize a question**, please use the “raise your hand” function found in the upper right hand corner: 



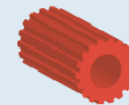


Reminders

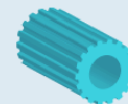
What is the NHIN Direct Project?



A project to create the set of **standards** and **services** that with a **policy** framework enable simple, directed, routed, scalable transport over the Internet to be used for secure and meaningful exchange between known participants in support of meaningful use



Services



Standards

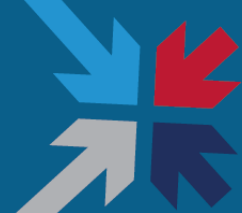


Policies



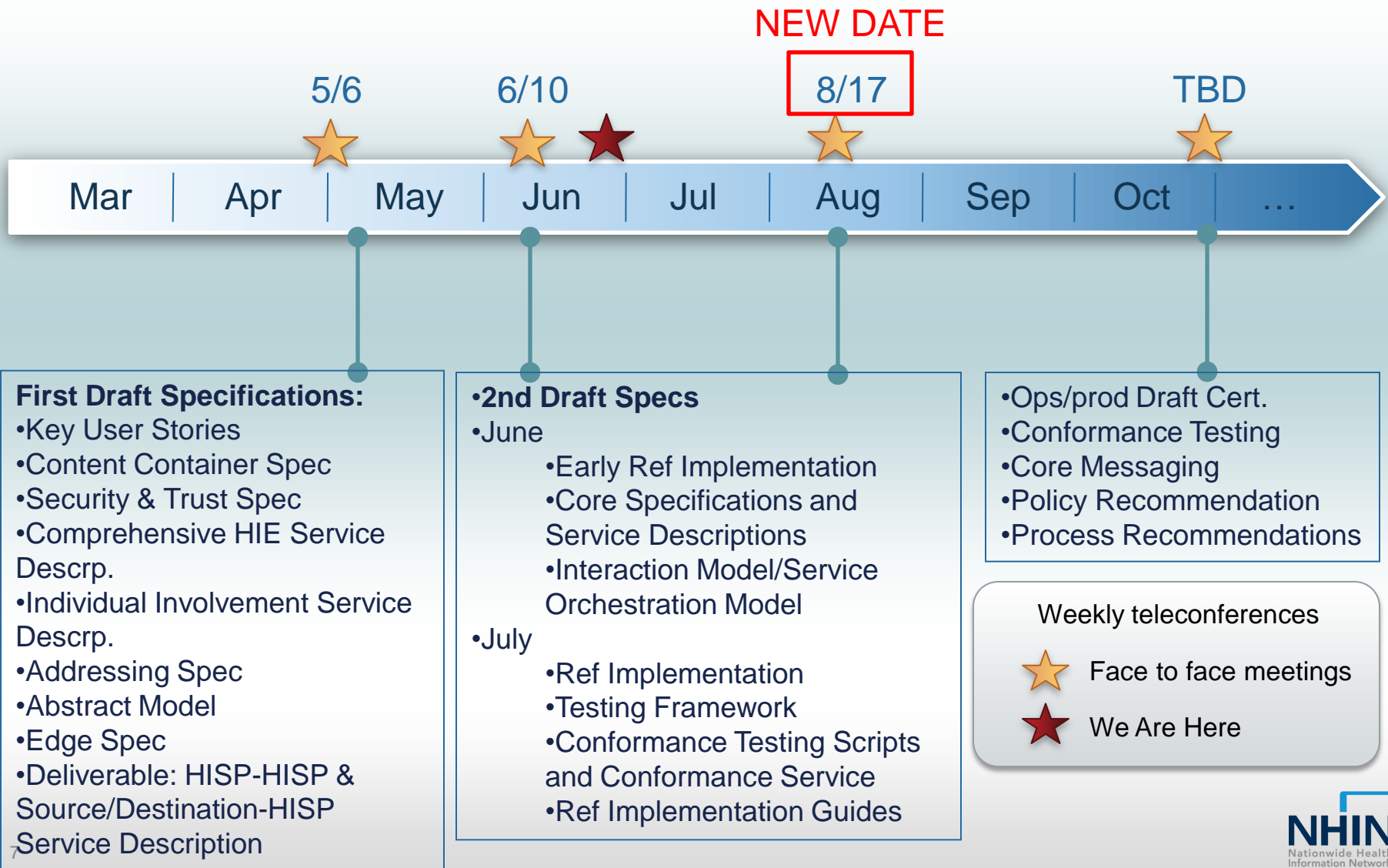
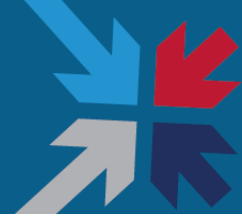
Trust Fabric

Review of New Workgroups

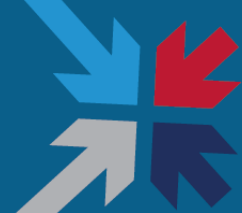


- » **Security & Trust WG:** Provide alternatives and highlight issues relating to security and trust enablement via technology (e.g., certificates and signatures)
- » **Implementation Geographies WG:** Provide a powerful demonstration of cross-state, cross organizational continuity of care
- » **Reference Implementation WG:** Create a solid open-source reference implementation and associated libraries implementing the NHIN Direct specifications.
- » **Documentation and Testing WG:** Create effective documentation and testing guidance for implementers including: Specification documentation, Implementation guides, and Conformance testing guides.
 - In addition, the Documentation and Testing Workgroup will create overviews for general consumption and work with the [Reference Implementation Workgroup](#) to create a testing service corresponding to the conformance testing guides.

Review of Timeline

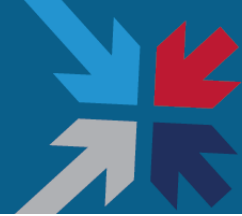


Review of Deliverables for July/August



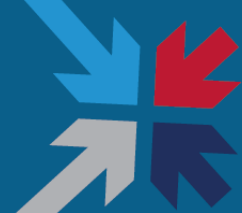
- » **Reference Implementations:** Provide a high quality open source reference implementation of the recommended specification
- » **Reference Implementation Guides:** Provide reference implementation guides for edge systems and routing systems (including sample code, testing and conformance documentation, legal and policy documentation, etc...)
- » **Conformance Testing Scripts and Services:** Provide conformance UATs and an automated conformance service for each concrete implementation
- » **Key Implementation Geographies:** The Implementation Geographies WG will finalize a set of key geographies for early real-world implementation
- » **Interaction Model/Service Orchestration Model:** The Abstract Model WG and the Concrete Implementation WG will provide an Interaction Model and Service Orchestration Model

Implementation Group Requirements Review



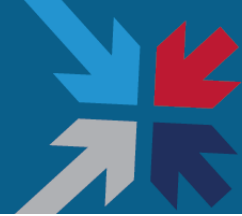
- » Implementation Group members must:
 - Regularly attend Implementation Group weekly meetings AND
 - Meaningfully participate in one of the following:
 - Contribute source code or documentation to the reference implementation(s), specifications, implementation guides, etc.
 - Support real-world early implementations with one of:
 - Groups of providers or patients participating
 - EHRs, EHR modules, PHRs, etc. implementing the specification
 - HISPs or HIE technology implementing the spec
 - Training, certification, or support services to providers
- » We ask each IG member to announce which implementation category(ies) are planned for support

Implementation Group Requirements Clarification



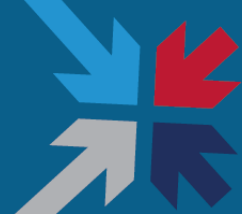
- » Appreciate members who have sent in their response to participate in workgroups.
- » However, we need more details around level of commitment.
- » Participants must also specify a contribution to source code or support for implementation geographies pilot.
 - When declaring your participation, please use the table below and email Uvinie Hettiaratchy (uhettiaratchy@deloitte.com) or nhindirect@nhindirect.org
 - **Please send your commitment by COB July 20th (Today).**

| | |
|---------------|--|
| Organization: | (i.e. Technology Solutions Company) |
| Participant: | (i.e. John Smith) |
| Workgroup: | (i.e. Reference Implementation) |
| Commitment: | (i.e. Support with coding, Contribute providers for a pilot, or Act as Regional/National HISP) |



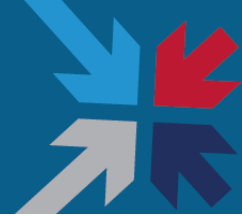
Workgroup Updates

Implementation Geographies Workgroup



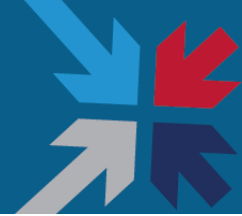
- » Purpose is to plan for early implementations demonstrating real-world information exchange following existing care delivery patterns
- » Key August 17th Deliverable: Key Implementation Geographies
- » Leader: Paul Tuten
- » Last WG meeting:
 - Pilot Project Brief: <http://nhindirect.org/Pilot+Project+Brief+Template>
 - Role of the workgroup: strong weekly oversight of pilot projects, help ensure desired outcomes and demonstrate measurable value.
 - Three pilots will take place in:
 - New York, Connecticut, Rhode Island
 - Call for participants in other geographies
 - New candidate NHIN Direct Pilot Projects should create a wiki page following the template and link to it from the Pilot Projects section of the Implementation Geographies main page
 - <http://nhindirect.org/Implementation+Geographies>

Security and Trust Workgroup



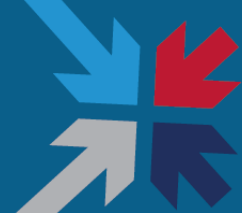
- » Purpose is to provide alternatives and highlight issues relating to security and trust enablement via technology (e.g., certificates and signatures)
- » Key August 17th Deliverable: Security & Trust Threat Assessment Model
- » Leader: Sean Nolan
- » The WG made decisions to:
 - Endorse full message wrapping for agent-based encryption
 - Permit Source and Destination to make local decisions about what is considered encrypted content

Reference Implementation Workgroup

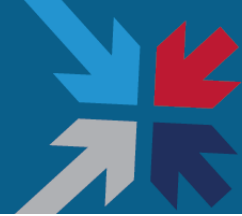


- » Purpose is to create a solid open-source reference implementation and associated libraries implementing the NHIN Direct specifications.
- » Key August 17th Deliverable: Draft Reference Implementation
- » The WG made decisions to:
 - Create parallel implementations on a Java platform and .NET platform
 - Prioritize Security Agent specification first
 - Divide into two teams – Agent team and XDS B metadata team and start work
- » The WG is working on:
 - Revising the source code repository
 - Creating sub-teams and wiki pages for both implementations
 - Security Agent and XDS metadata specifications

Documentation and Testing Workgroup

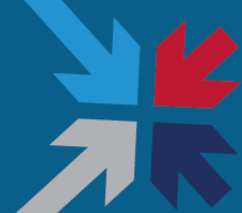


- » Purpose is to create effective documentation and testing guidance for implementers including: specification documentation, implementation guides, and conformance testing guides; Create overviews for general consumption and work with Reference Implementation WG to create a testing service corresponding to the conformance testing guides.
- » Leader: Janet Campbell
- » Key August 17th Deliverable:
 - Prioritized document artifact list
 - Final draft of Rank 1 documents
 - Certification Checklist (Client Side and HISP), Overview of NHIN Direct, Overview of NHIN Direct Security
 - Preliminary draft of Rank 2 documents
 - Abstracts of everything else
 - Draft specification for the use of S/MIME
- » So that's what we're working on!



Calendar & Participation

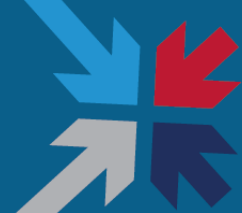
New WG Schedule



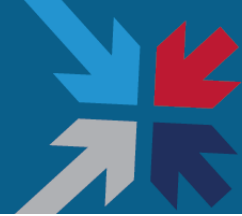
- » WGs adhere to the schedule below, meeting via teleconference on a weekly basis

| WG | Meeting Time |
|---|--------------------------|
| Reference Implementation/Open Source WG | Tuesdays 12 pm-1pm EST |
| Implementation Geographies WG | Wednesdays 12 pm-1pm EST |
| Documentation and Testing WG | Wednesdays 2 pm- 3pm EST |
| Security & Trust WG | Thursdays 2pm-3pm EST |

Close to 200 Implementation Group Participants



- » **PHR**
 - Microsoft (HV/Amalga)
 - Google
 - Relay Health
- » **EHR**
 - Allscripts
 - Cerner
 - eClinicalWorks
 - Epic
 - GE
 - McKesson (through RelayHealth)
 - Siemens
 - Greenway Medical Technologies
- » **HIT Association**
 - Clinical Groupware Collaborative
- » **Medical Associations**
 - American Academy of Family Physicians
- » **IDN**
 - Kaiser
 - BIDMC/CareGroup
- » **National Network**
 - SureScripts
 - Medplus/Quest
 - MedPATH Secure Networks
- » **State/Regional HIO**
 - CA (CAL eConnect)
 - CA (HHS)
 - CA (Redwood MedNet)
 - CO (CO State HIE)
 - FL (FL State HIE)
 - OR (Oregon HIT Oversight Council)
 - MA (NEHEN-CSC)
 - WA (Community Choice PHCO)
 - MAeHC
 - NY (HIXNY)
 - NY (Hudson Valley) (through MedAllies)
 - RIQI (Rhode Island Quality Institute)
 - TN (TN State HIE)
 - Carespark
 - HealthBridge
 - Community Choice Healthcare Network
- » **Federal**
 - Veteran's Administration
 - Social Security Administration
 - National Institutes of Health
 - VLER
 - Department of Defense
 - Centers for Medicare and Medicaid
 - MITA
- » **Consulting**
 - Gartner
 - Carespark/CGI Federal
 - Carespark/Serendipity Health
 - HLN Consulting, LLC
- » **HIE Technology**
 - RelayHealth (also PHR & EHR)
 - Axolotl
 - Mirth
 - VisionShare
 - GE
 - MedAllies
 - CSC
 - Medicity
 - Kryptiq
 - IBM/Open Health Tools
 - Secure Exchange Solutions
 - Informatics Corporation of America
 - Microsoft (HV/Amalga)
 - Oracle Health Sciences
 - Carespark/Anakam
 - Carespark/Mobile MD
 - MEDNET
 - EHR Doctors
 - FEI.com
 - Misys Open Source Solutions
 - Atlas Development
 - Argonne National Laboratory
 - Emdeon
 - Harris
 - High Pine Associates
 - Inpriva
 - Intel
 - Techsant Technologies



Q&A