

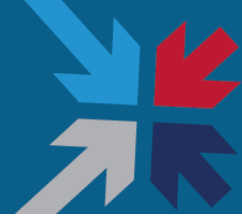


Direct Project Implementation Group Meeting

October 12, 2010



Agenda

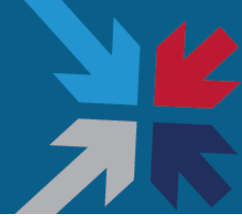




» Reminders

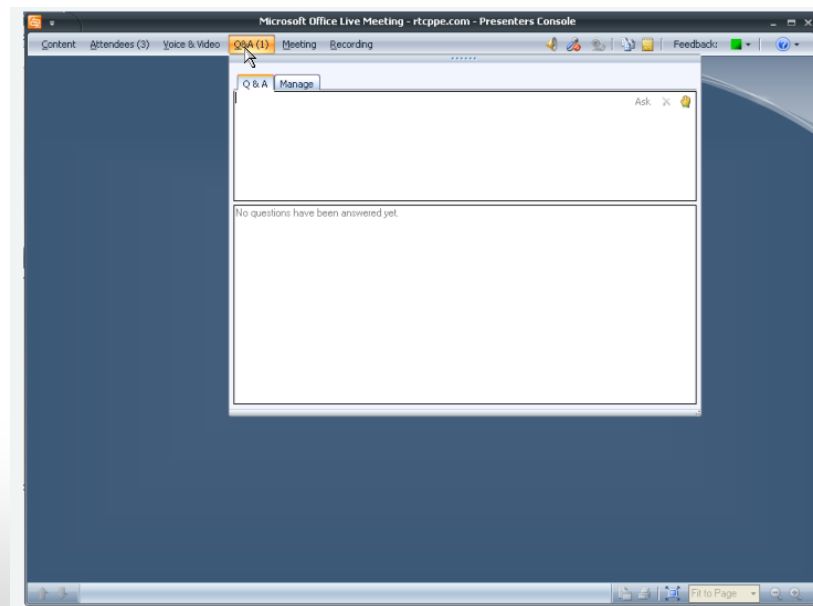
» Workgroup Updates

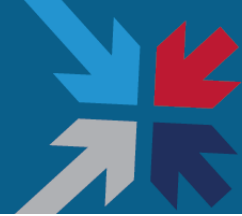
» Calendar & Participation

Review of Participation



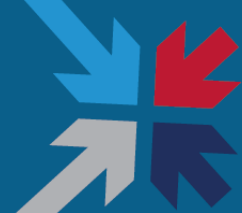
- » Use the Q&A text box function in the web conference to ask a question, or to signal an intent to speak
- » **To type a question**, please type questions into the Q&A text box and click 
- » **To vocalize a question**, please use the “raise your hand” function found in the upper right hand corner: 





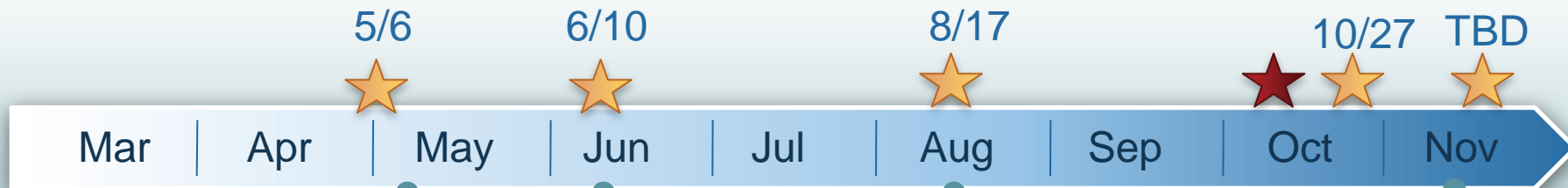
Reminders

Review of 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.
- » **Communications WG:** The goal of the Communication workgroup is to provide clarity about what NHIN Direct is and how it fits into the health information and transformation ecosystem. Key audiences include State HIEs, RECs, HIOs, health systems, providers, and the larger general health community and media.
- » **Best Practices WG:** Take recommendations of the Privacy and Security Tiger Team and create a specific set of policy recommendations for the pilots, and during and subsequent to the pilots, monitor the policies to determine how effective and workable they are in the real world.

Review of Timeline



First Draft Specifications:

- Key User Stories
- Content Container Spec
- Security & Trust Spec
- Comprehensive HIE Service Descrp.
- Individual Involvement Service Descrp.
- Addressing Spec
- Abstract Model
- Edge Spec
- Deliverable: HISP-HISP & Source/Destination-HISP Service Description

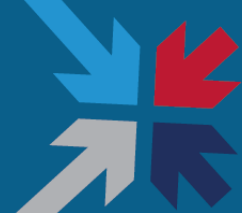
•2nd Draft Specs

- June
 - Early Ref Implementation
 - Core Specifications and Service Descriptions
 - Interaction Model/Service Orchestration Model
- July
 - Ref Implementation
 - Testing Framework
 - Conformance Testing Scripts and Conformance Service
 - Ref Implementation Guides

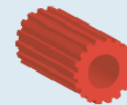
- Ops/prod Draft Cert.
- Conformance Testing
- Core Messaging
- Policy Recommendation
- Process Recommendations

- Weekly teleconferences
- Face to face meetings
 - We Are Here

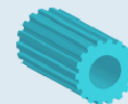
What is the NHIN Direct Project?



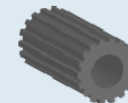
A project to create the set of **standards** and **services** that with a **policy** framework enable simple, directed, routed, scalable transport over the Internet to be used for secure and meaningful exchange between known participants in support of meaningful use



Services



Standards

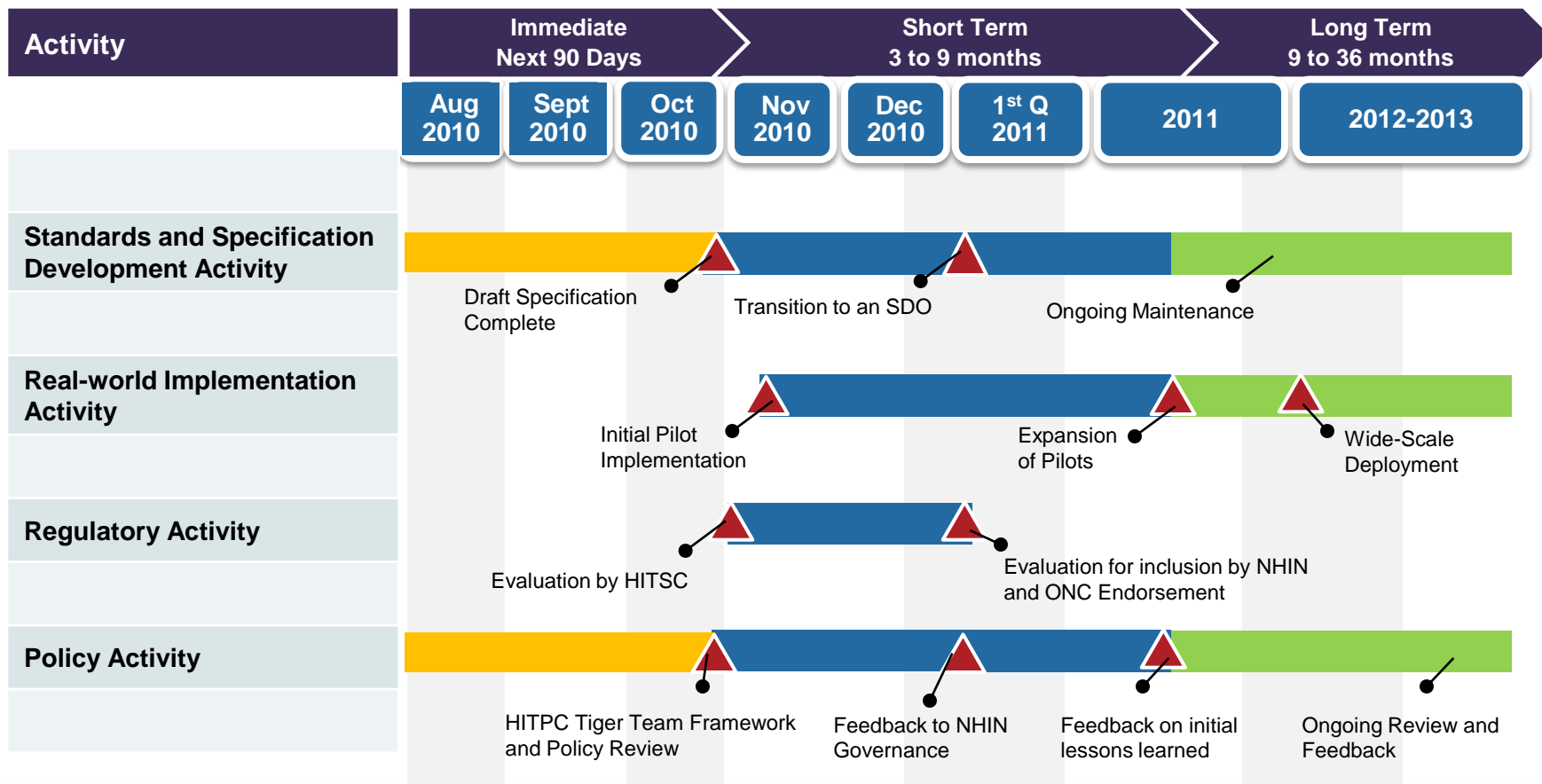


Policies



Trust Fabric

NHIN Direct High-Level Project Plan

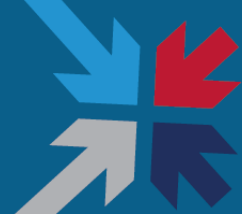


Immediate Initiatives

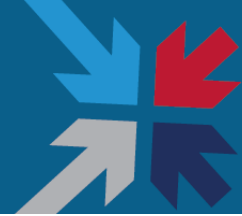
Short Term Initiatives

Long Term Initiatives

October Code-a-thon/Install-a-thon



- » Host: CollabNet
- » When: October 27th(12pm – 5pm PDT); October 28th(9am – 5pm PDT)
- » Where: 8000 Marina Blvd, 6th floor, Brisbane, CA 94005-1865
 - Closest Airport: One mile from SFO
- » Purpose: Finalize code, create solid plan for pilot testing in November, and familiarize pilot technical leads and partners with reference implementation
 - Pilot technical teams can also use this time to share common challenges and issues
- » Who should attend?
 - Technical leads/partners from Pilot projects (especially pilots who are aiming to start testing in November)
 - Coders
- » If you would like to attend, please email nhindirect@nhindirect.org or sign up at <http://nhindirect.org/Direct+Project+October+Face-to-Face+Meeting>



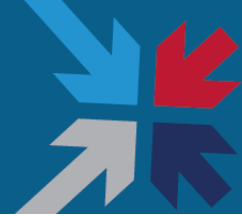
Workgroup Updates

Reference Implementation Workgroup



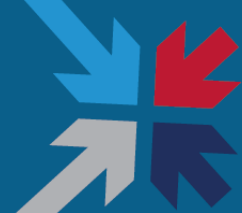
- » Purpose is to create a solid open-source reference implementation and associated libraries implementing the Direct Project specifications
- » Leader: Brian Behlendorf
- » Update from 10/5 Meeting:
 - CSharp Implementation
 - Progress: XD*+Client API, Intermed. Resolver, DNS Responder, Installer
 - Remaining: XD*, Installer, CRL Cache, Config/UI, Unit Testing, Docu.
 - Java Implementation
 - Progress: XD*, Agent Documentation, Config/UI, ATNA
 - Remaining: XD*, CERT Builder, Installer, ATNA, Unit Testing, Javadoc
 - Held second joint CSharp/Java XD* strategy meeting last week
 - Mostly on-track for updated Road Ahead
 - Aim to be **feature-complete** by October 15th
 - Aim to be **production-ready** by October 27th-28th Install-a-thon

Implementation Geographies Workgroup



- » Purpose is to plan for early implementations demonstrating real-world information exchange following existing care delivery patterns
- » Leader: Paul Tuten
- » Updates from 9/29 Meeting:
 - Key progress on pilots:
 - VisionShare to conduct public health pilot in Minnesota
 - Will serve as the bridge between the Direct Project and PHIN
 - RIQI posted a solutions architecture:
<http://nhindirect.org/file/view/RIQI+--+NHIN+Direct+-+Solution+Architecture+v1.0.pdf>
 - Pilot project technical teams invited to participate in next Code-a-thon/Install-a-thon

Communications Workgroup



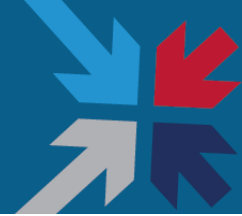
- » Purpose is to provide clarity about what the Direct Project is and how it fits into the health information and transformation ecosystem. Priority segments include State HIEs, health systems, providers, and health IT vendors.

- » Leader: Rich Elmore

- » Rebranding – Decided on keeping Direct Project.
 - <http://nhindirect.org/Rebranding>

- » Education – Please volunteer!
 - <http://nhindirect.org/Communications+Launch>

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.

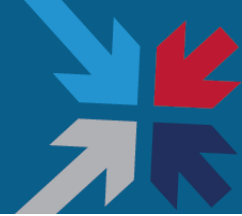
- » **Overview – Done!** <http://nhindirect.org/The+Direct+Project+Overview>

- » Frequently Asked Questions:

- Implementation questions answered <http://nhindirect.org/Implementation+FAQ>
- General questions refined <http://nhindirect.org/Direct+Project+FAQ>
- Question dropbox created <http://nhindirect.org/Direct+Project+--+FAQ+Submission+Page>
- Need to combine ???

- » Next up: Security Overview, Deployment Models

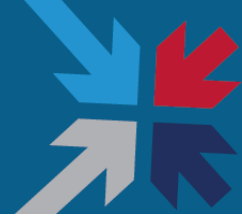
Best Practices Workgroup



- » Purpose is to take recommendations of the Privacy and Security Tiger Team and create a specific set of policy recommendations for the pilots, and during and subsequent to the pilots, monitor the policies to determine how effective and workable they are in the real world. The focus will be on making the Direct Project as simple and easy to implement as possible for small practices running exchange services, with emphasis on providing simple solutions for fulfilling meaningful use criteria.

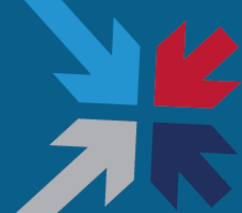
- » Update from 10/7 Meeting:
 - Certificate management recommendations are now up for Consensus, **please vote by COB today:**
<http://nhindirect.org/Certificate+Pilot+Recommendations+Call+for+Consensus>

- » Next priority will be formulating security audit logging policies and transparency policies.



Calendar & Participation

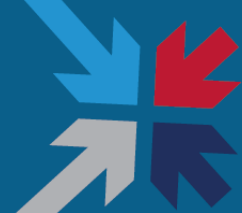
New WG Schedule



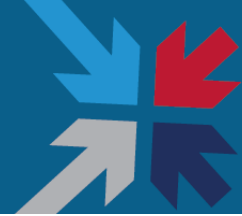
- » WGs adhere to the schedule below, meeting via teleconference on a weekly basis

WG	Meeting Time
Reference Implementation WG	Tuesdays 12 pm – 1 pm EST
Communications WG	Tuesdays, 1 pm – 2 pm EST
Implementation Geographies WG	Wednesdays 12 pm – 1 pm EST
Documentation and Testing WG	Wednesdays 2 pm – 3 pm EST
Best Practices WG	Thursdays, 1 pm – 2 pm EST
Security & Trust WG	Thursdays 2 pm – 3 pm EST

Close to 200 Implementation Group Participants



- » Alere
- » Allscripts
- » American Academy of Family Physicians
- » Atlas Development
- » Axolotl
- » CareSpark/MobileMD/Serendipity Health
- » Cerner
- » Clinical Groupware Collaborative
- » CSC
- » eClinicalWorks
- » EHR Doctors
- » Emdeon
- » FEI
- » GE
- » Google
- » Greenway Medical Technologies
- » Harris Corporation,
- » High Pine Associates
- » HLN Consulting, LLC
- » IBM
- » ICA
- » Inpriva
- » Intel
- » Kryptiq
- » LabCorp
- » Massachusetts eHealth Collaborative
- » MedAllies
- » Medical University of SC
- » Medicity
- » MedNet
- » MedPlus/Quest Diagnostics
- » Microsoft
- » Mirth Corporation
- » MOSS
- » NextGen
- » NIH NCI
- » NIST
- » NYC Dept. of Health and Mental Hygiene's PCIP
- » Oregon HIE Planning Team
- » Redwood MedNet
- » RelayHealth
- » Rhode Island Quality Institute
- » Secure Exchange Solutions
- » Siemens
- » South Carolina SDE
- » SureScripts
- » Techsant Technologies
- » TN State HIE
- » VA
- » VisionShare



Q&A