



The Office of the National Coordinator for
Health Information Technology

Cross-jurisdictional IIS Data Exchange

Update on current pilots

James Daniel, MPH Public Health Coordinator

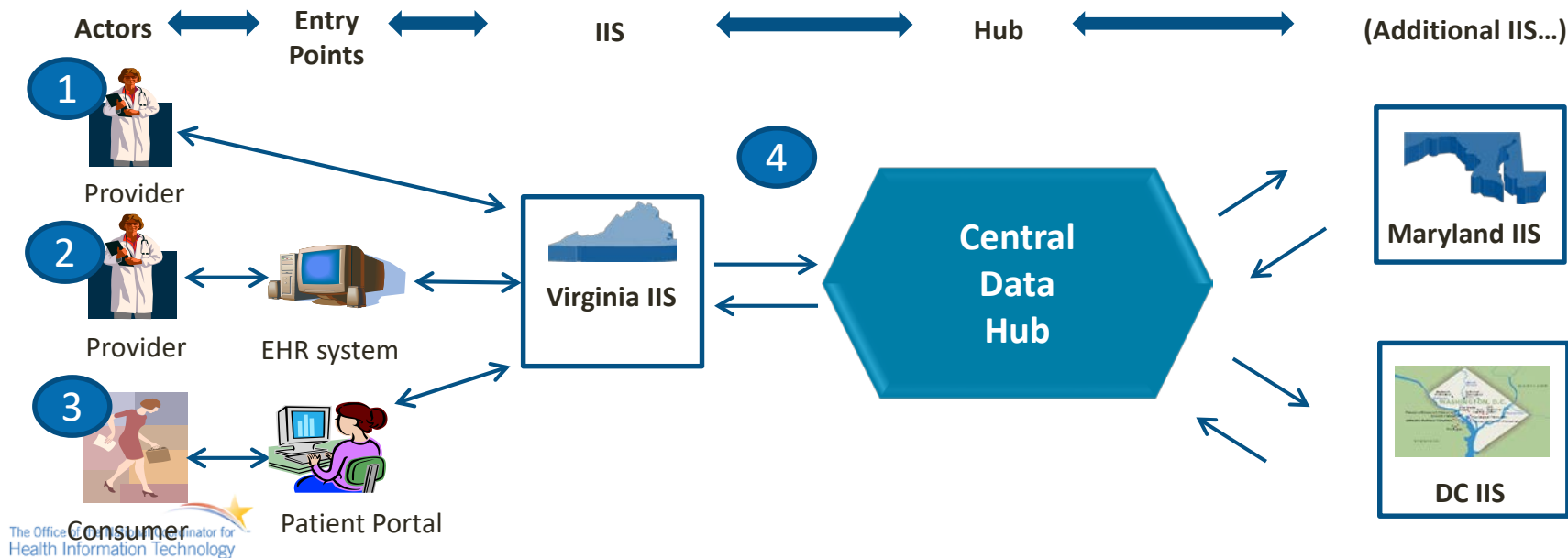


Agenda

- Basic facts, background and terms
- A look at the process
 - » Hub Development
 - » IIS Changes
 - » Legal – DUA and MOU
 - » Digital Certificates
- The status of the states
- Discussion

IIS Data Exchange Use Case Diagram

Use Case Objective: For an Immunization Information System (IIS) to respond to a transaction that contains current or historical addresses that are outside its jurisdiction by triggering a QBP or VXU to the other jurisdiction's IIS.



General Hub Information

- Hub Development completed in Year 1 with updates to security and extensibility in later years
- The “Hub” is hosted by the Association of Public Health Laboratories (APHL)
- The hub is hosted on Amazon Web Services in a secure cloud environment
- The Hub subject to an annual audit including penetration testing (simulated attack)
- The hub is running in a test and production state

IIS Changes

- Upgrades to release 1.5 of Implementation Guide
- Triggers based on address
- Ability to generate a query

Legal – DUA, DSA, and MOU

- Data Use Agreement (DUA) – The agreement between a state and APHL
- Data Sharing Agreement (DSA) - The agreement between two states
- ASTHO – Cross-Jurisdictional sharing of IIS data
 - » Could replace the DSA
 - » An effort to create a “trust network” with a common MOU

Digital Certificates

- Prove who you are
- Provide a “public key” that others use to encrypt data they are sending to you

Project Entry Criteria

- Legal agreements in place/no legal barriers
- The IIS has a test and production environment available
- Leadership buy-in

Status

Pilot/	Status
DC	<ul style="list-style-type: none">• Preparing to migrate interface engine (for inbound VXU)• Preparing to analyze interfaces and legal agreements (Ezra team)• DC certificate coming up for renewal• Next step: Renew certificates. DC DOH Immunization program leadership to re-engage, meet with ONC, and move forward on legal agreements.
Maryland	<ul style="list-style-type: none">• MD has drafted MOU approved by Attorney General (AG)• HL7 1.5 code release and testing initiated though limited to outbound until follow-up releases are completed/deployed• Next step(s): Deploy HL7 1.5 release, complete testing, establish data sharing agreement with partner state, move to production
West Virginia	<ul style="list-style-type: none">• WV engagement limited• ASTHO-AIRA MOU under consideration for adoption• Next step: Draft MD ASTHO-AIRA MOU template sent Tim to pick project back up
Envision (Philly and Delaware)	<ul style="list-style-type: none">• Envision installing certificates for DE and Philly domains and administering server in cloud• DE and Philly requested certificates and added as HCOs to DigiCert portal• Delaware certs issues, waiting for Philly and EnvisionPhilly waiting for DigiCert cert to be approved by OIT and domain validated to receive requested certificate• Next step(s): Philly OIT to approve DigiCert certificate. Envision to Install certificates for DE and Philadelphia.

Status

Pilot/Vendor	Status
Mississippi	<ul style="list-style-type: none">• MS immunization proposal approved by state governing board on 12/15/16 for STC cloud• Certificate requested/account registered (cert request pending CSR)• Cloud transition in progress and completion expected Q3, August go-live• Next step: Certificate installation and hub connection (once move to cloud is complete)
Louisiana	<ul style="list-style-type: none">• Waiting on GSA/CDC federal contract approval to for IIS move to cloud.• Quan exploring alternatives due to prolonged delay in approval (since 2016)• Next step: TBD
Washington	<ul style="list-style-type: none">• -WA requested to suspend work in March 2017 to address other priorities and would like to resume pilot work later this year• Certificate request and installation may resume FY18
Oregon	<ul style="list-style-type: none">• Oregon signed updated APHL DUA and expected to exchange with WA• Working with legal and Washington on MOU update• Exploring exchange with other states• Next step(s): Dependent on whether WA resumes pilot work



Questions

James.Daniel@hhs.gov

[@jim_daniel](https://twitter.com/jim_daniel)



[@ONC_HealthIT](https://twitter.com/ONC_HealthIT)



[@HHS ONC](https://www.youtube.com/channel/UC...)