

ONC FAST – National Directory Connectathon 30 Kickoff

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WELCOME AND INTRODUCTIONS



Track Leads – Bob Dieterle



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Track Leads – Sean Mahoney



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Welcome and Introductions

- Track Leads

- Bob Dieterle rdieterle@enablecare.us
- Sean Mahoney smahoney@mitre.org
- Abigail Watson awatson@mitre.org

- Track Page

- <https://confluence.hl7.org/display/FHIR/2022-05+FAST+National+Directory+US+Realm>

FAST DIRECTORY OVERVIEW

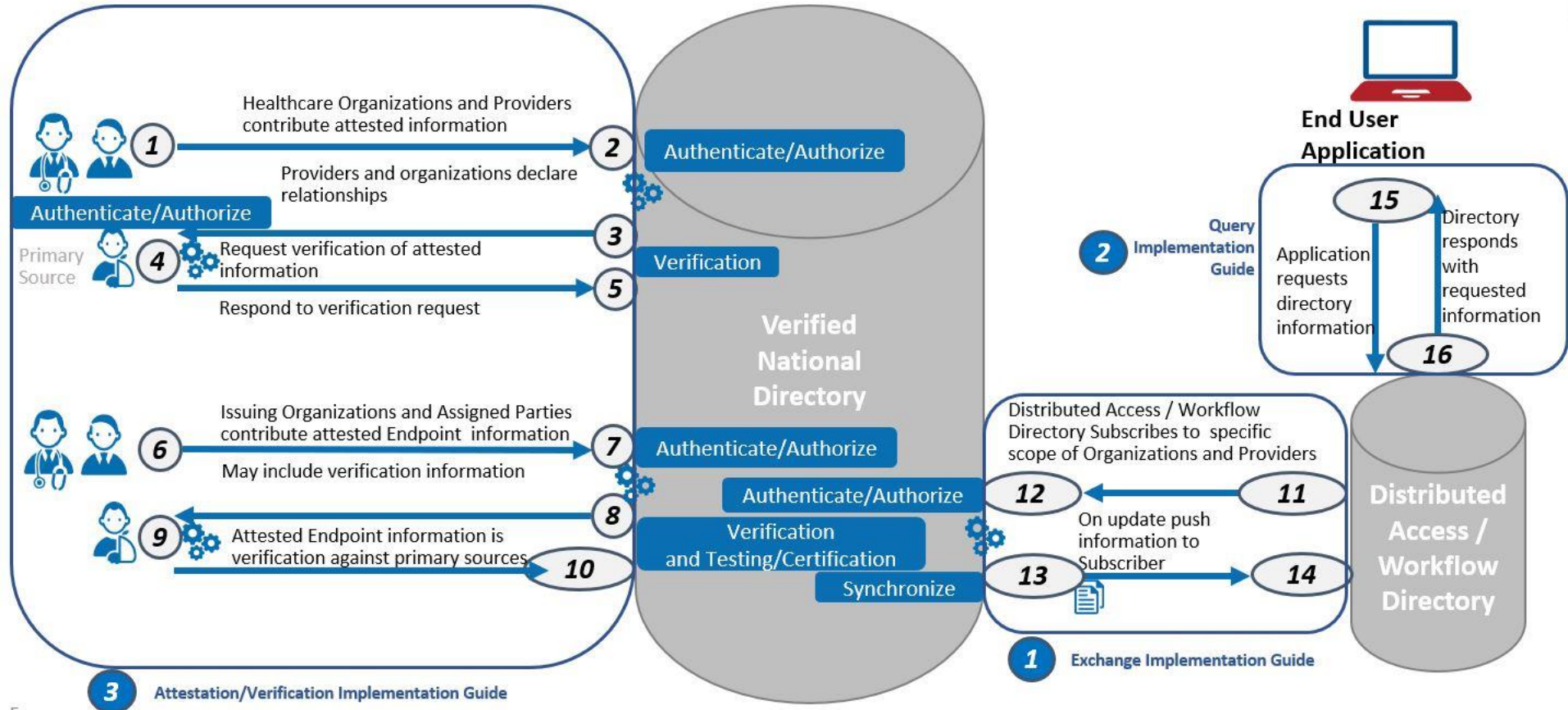




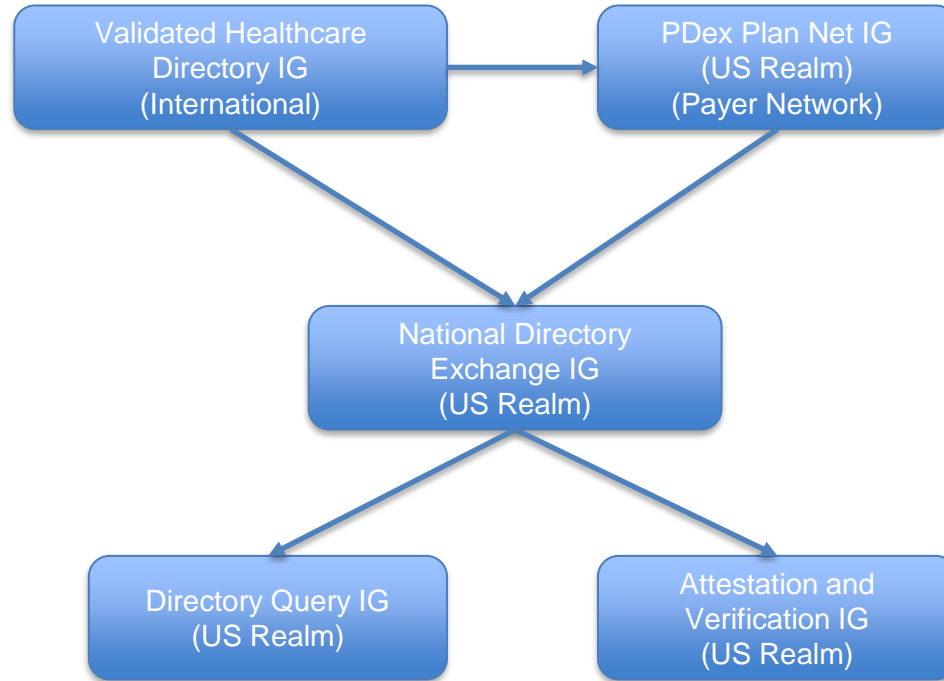
National Directory

- What is the National Directory?
 - Provides a generally available method to find verified directory information and their associated electronic endpoints, as well as a common process for maintaining the information and verifying its accuracy
 - Contains directory information for individuals and entities involved with the provision and delivery of care with the exception of the patient and their non-licensed caregivers (e.g. This is not an MPI)
- Objectives
 - One national source for verified directory information that is available to any national or local directory workflow environment
 - Individual and entity demographics to determine relationships between individuals and organizations, information related to available services, and support for computable endpoint information such as standards supported, metadata for routing, trust framework, implementation guides and certification status
 - Distributed access by HIEs, state directories, EHRs, etc.
 - FHIR standard implementation guides to define exchanges of information into, between, and out of the distributed directory environment

National Directory – Architecture and Workflow



National Directory IGs





National Directory Exchange IG

- **What is the FAST National Directory Exchange?**
 - FHIR API to exchange directory information between the Verified National Directory and the distributed Access/Workflow Directories
- **Objectives**
 - Allows verified directory information to be shared with distributed directories for scalability and integration into local workflow



Directory Query IG

- **What is the FAST Directory Query IG?**

- FHIR API to find electronic endpoints of entities in the Distributed Access/Workflow Directories and their associated demographics and relationships

- **Objectives**

- Provide a common, standard method for client applications and systems to find directory information, including electronic endpoints, for the entities with which they need to interact



Attestation and Verification IG

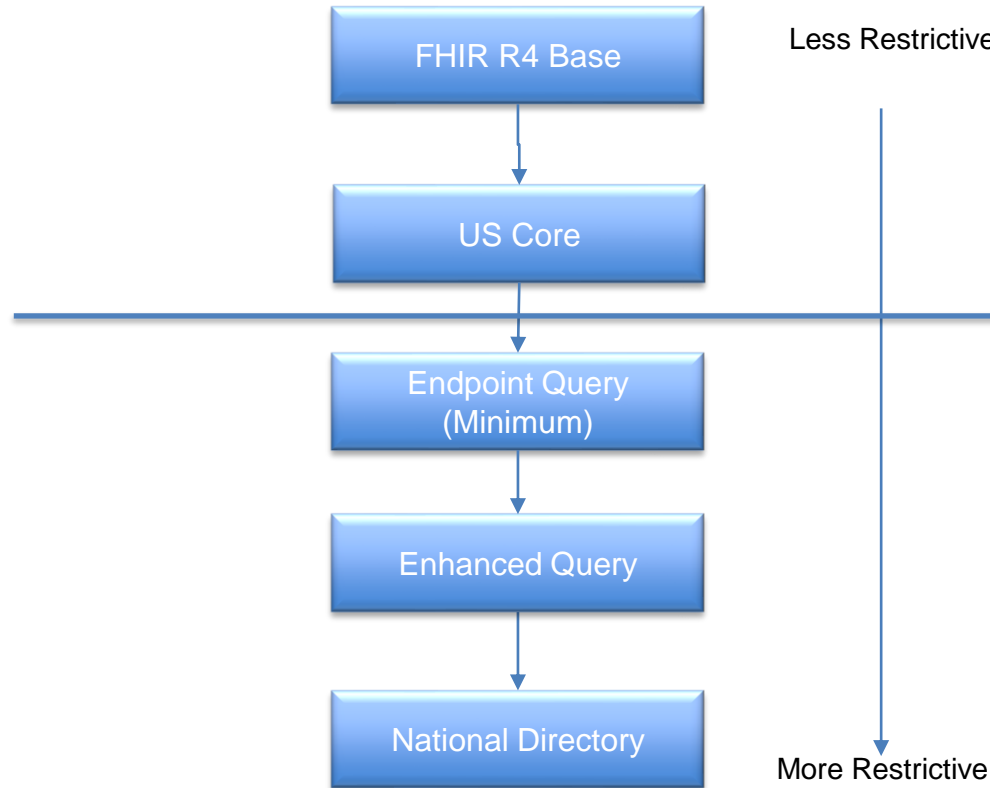
- **What is the FAST Attestation and Verification?**

- FHIR API and workflow process for submitting, updating, attesting and verifying the accuracy of the National Directory information

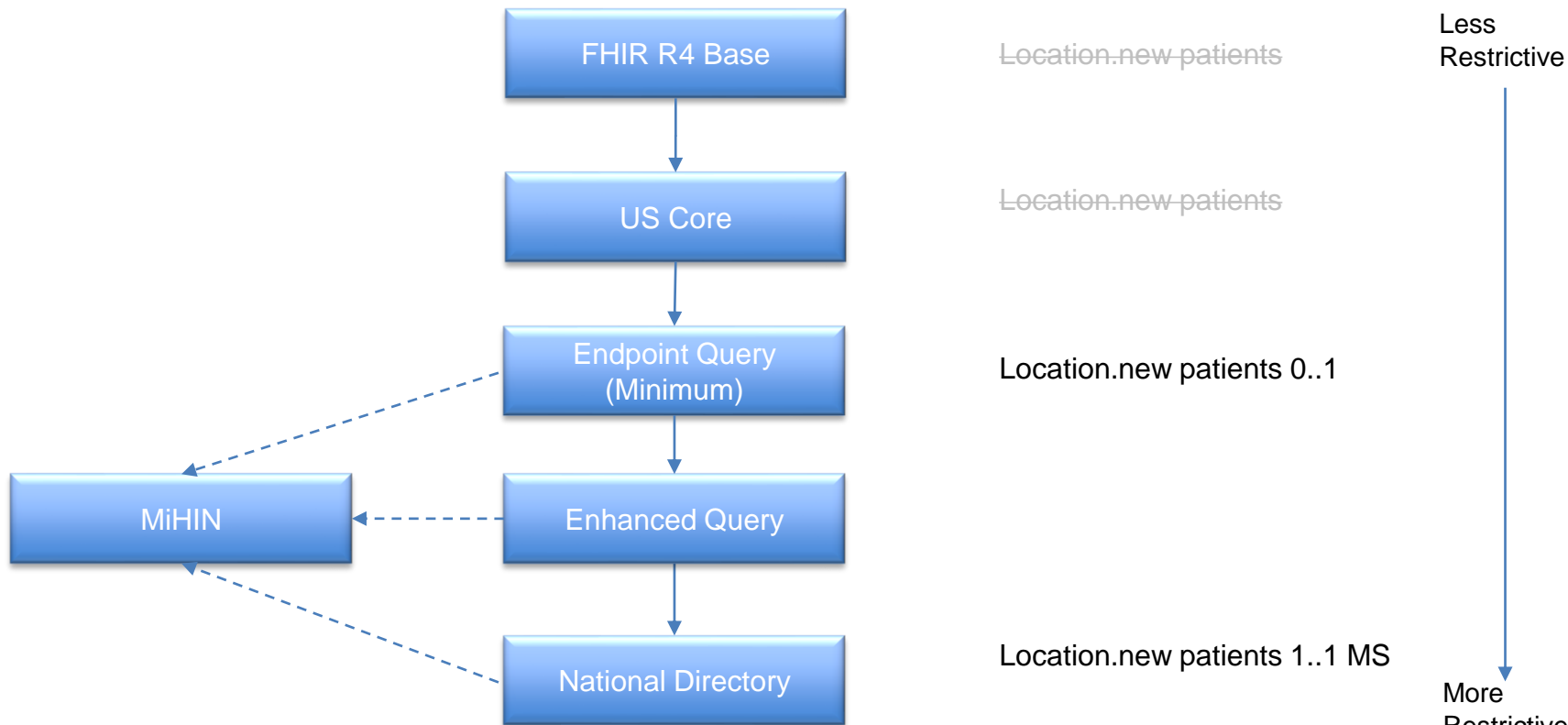
- **Objectives**

- Verifies the accuracy and validity of information submitted to, and updated in the National Directory
- Ensures that information distributed to distributed directories and client applications has been verified to be accurate

National Directory IG Profiles



National Directory IG Profiles



National Directory Use Cases

- St. James is a hospital network opening a new infirmary (hospital) in Connecticut. As part of setting up their facilities, they first check the directory to see if the facility is already registered, and whether Dr. Camron is licensed by Connecticut.
- St. James network also operates the distributed directory for the State of Connecticut, meaning they keep a copy of the national directory on servers at the hospital, along with various Connecticut specific records.
- Administrators at St. James register an account with the National Directory as they wish to be able to submit updates
- St. James administrators register the hospital as a new Organization with the federated directory, along with associated Location, HealthcareServices, and Endpoint.
- After receiving an attestation from an external source, clerks operating the National Directory reach out to the Connecticut State Licensing Board to verify that Allison Camron is licensed to practice medicine in that state.



References

- **The FAST National Directory Implementation Guides:**
 - **National Directory Exchange FHIR IG**
 - <https://build.fhir.org/ig/HL7/fhir-directory-exchange/>
 - **National Directory Query FHIR IG**
 - <https://build.fhir.org/ig/HL7/fhir-directory-query/>
 - **National Directory Attestation/Verificaton FHIR IG**
 - <http://build.fhir.org/ig/HL7/fhir-directory-attestation/>
- **The FAST National Directory Reference Implementation:**
 - **Hosted Reference Implementation**
 - Server: <https://vhdir.meteorapp.com/>
 - Client: <https://vhdir.meteorapp.com/>
 - **Source code (Apache 2.0)**
 - <https://github.com/clinical-meteor/national-directory>



Agenda

https://whova.com/portal/webapp/conne_202205/Agenda

Select the ONC FAST National Directory Track.



Track Agenda – Tuesday May 3, 2022

- 9:00 AM – 9:30 AM Eastern -Kick off, agenda review, Connectathon objectives, Connectathon operations
- 9:30 AM – 10:30 AM Eastern - IG/RI Review
- 10:30 AM – 3:00 PM Eastern – Build/Test/Validate
- 3:00 PM – 4:00 PM Eastern – Breakout
 - Cross-over Topics with FAST Security, Identity, Directory



Track Agenda – Wednesday May 4, 2022

- 10:00 AM – 10:30 AM Eastern – Review Prior Day
- 10:30 AM – 2:30 PM Eastern – Build/Test/Validate
- 2:30 PM – 3:30 PM Eastern – Demonstration, Prepare Report Out
- 3:30 PM – 4:30 PM Eastern – Breakout Session: Education
 - FAST Security, Identity, Directory, and Exchange

