Healthcare Directory Technology Learning Community

TLC Meeting – February 10, 2017

Daniel Chaput, ONC – Rim Cothren, A Cunning Plan - Bob Dieterle - EnableCare, LLC
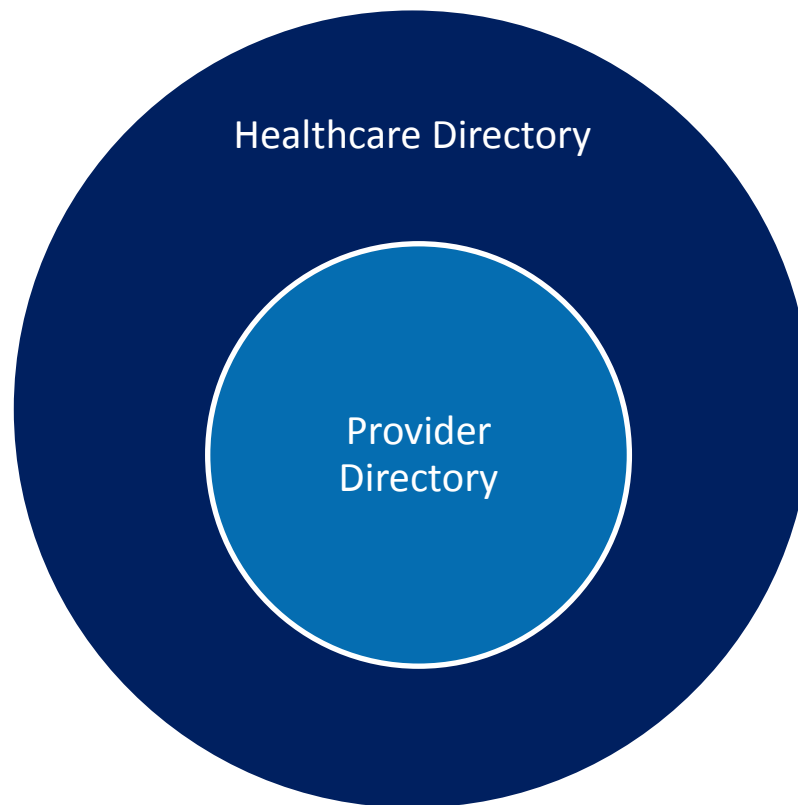
- Welcome and Housekeeping (Dan Chaput)

- ONC/FHA HcDir Project Overview (Dan Chaput, Bob Dieterle)

- Discussion – Segmentation

Brief background

- Continuation of the work from a <u>workshop</u> organized by FHA and ONC and held at MITRE Headquarters in McClain, VA on April 5th and 6th of 2016.

Provider Directory Workshop

- Two-day workshop organized by FHA and ONC was held at the MITRE Headquarters in McClain, VA on April 5/6.

- First day focused on presentations and questions, second day was focused on use cases

- One Hundred and ten (110) in-person attendees (including 27 federal staff) and an additional ninety-four (94) virtual

- Attendees included:

  - Federal: ONC, HHS, CMS, DoD/DHA, VA, SSA, CDC

  - State (HIE/Medicaid/Govt): Michigan, Oregon, Rhode Island, Colorado, California, Illinois, Ohio

  - Payers and Payer Organizations: AHIP, CA BCBS, CIGNA, Humana, United, Wellmark

  - HIT Vendors: Cerner, Epic, NextGen

  - Not for Profit Interoperability: CAQH, NATE, Direct Trust, Sequoia Project

  - Professional: AMA, Kaiser, Johns Hopkins
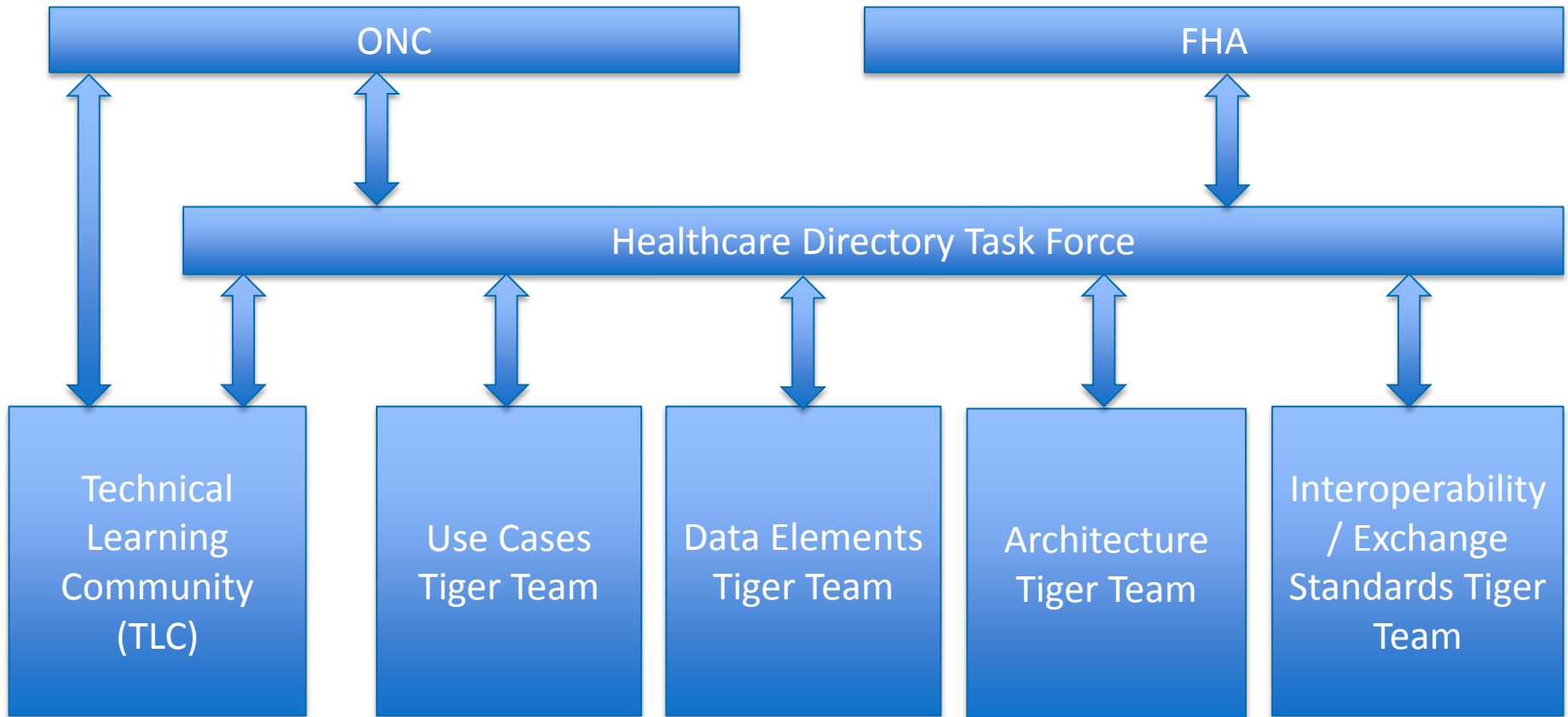
  - National Networks: Surescripts

Provider Directory Workshop Summary

- Strong interest in the federal government providing, at a minimum, a validated core data set for HcDir

  - expand the scope of NPPES or

  - create a central resource for all local directories to use / reference

- Many use case – all important for interoperability and care delivery

  - Need to prioritize and define data / validation / exchange requirements

- Focus is now on use of FHIR for HcDir interoperability (not on IHE HPD)

- Need for coordination of HcDir effort between Federal agencies, state initiatives and commercial efforts to minimize/avoid duplication of effort

Healthcare Directory Project Overview

- Goal: develop a national resource with a core set of validated data that can be used for local implementations of healthcare directories

- Approach:

  » ONC/FHA Task Force

  » Monthly TLC meeting (on the second Friday of each month)

  » Tiger Teams (Use Cases, Data Elements, Architecture, Interoperability)

  » A Basecamp site for collaboration and sharing

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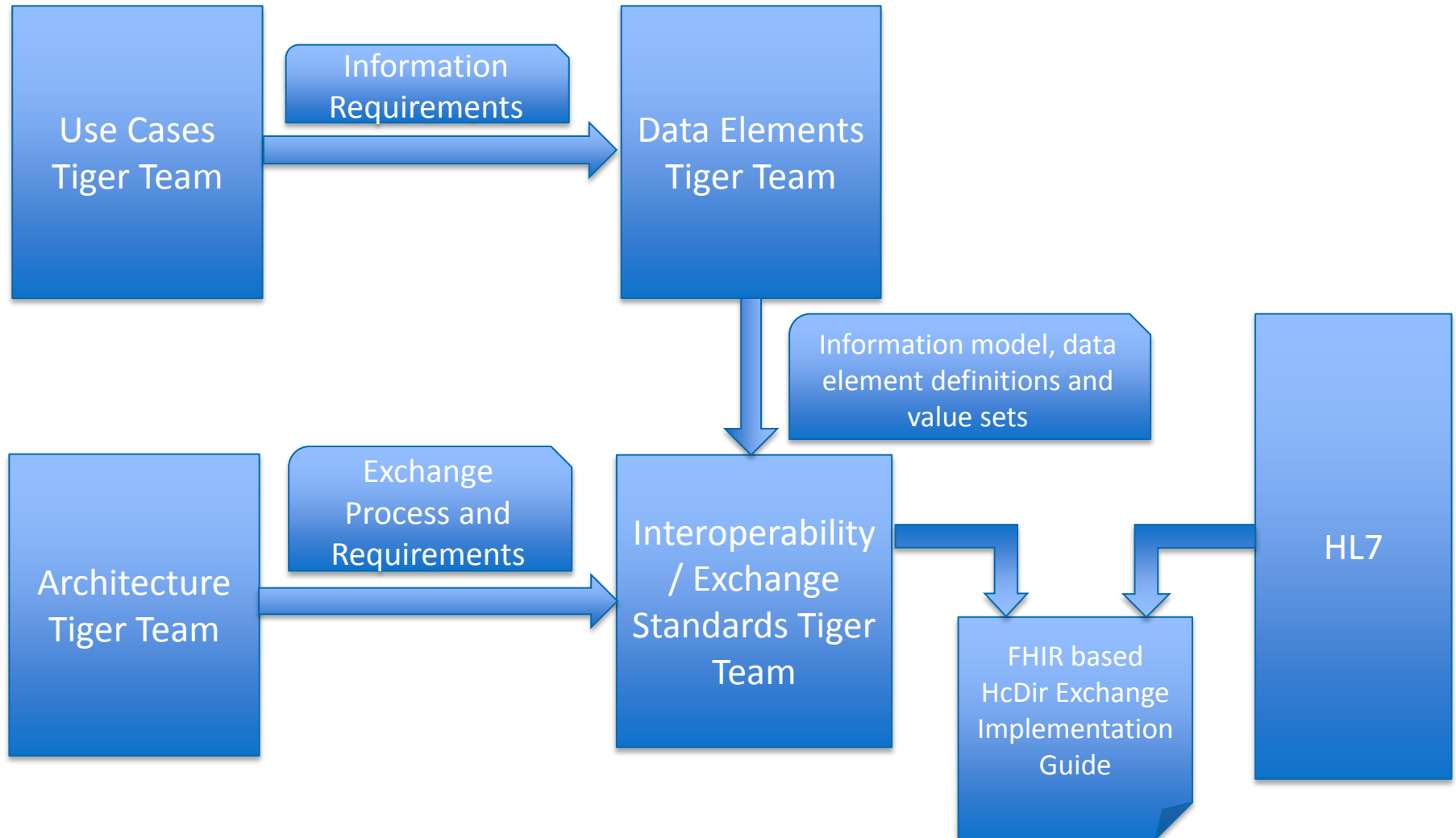# ONC-FHA Healthcare Directory Organizational Structure

Use Cases

- **Basic Information Exchange**

  - » A1. Enable electronic exchange (e.g. discovery of electronic end points such as IHE/EHR endpoints, FHIR server URLs, Direct addresses)

  - » A2. Find an individual and/or organization (even if no electronic end point is available)

- **Patient/Payer focused**

  - » B1. Find provider accessibility information (specialty, office hours, languages spoken, taking patients)

  - » B2. Relationship between provider and insurance plan (insurance accepted) or plan and provider (network)

  - » B3. Plan selection and enrollment

  - » B4. Claims management (adjudication, prior authorization, payment)

Use Cases (Cont.)

- **Care Delivery / Value Based Care**

  - » C1. Provider relationship with a patient (e.g. for alerts)

  - » C2. Provider relationship with other providers in context of a patient (e.g. care team communications)

- **Other**

  - » D1. Provider credentialing

  - » D2. Quality or regulatory reporting (e.g. aggregate data, plan networks)

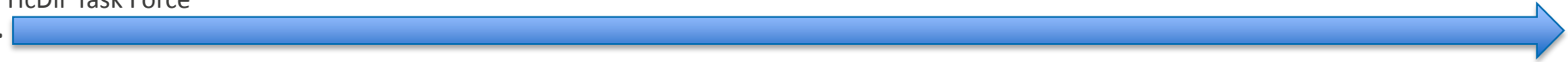 - » D3. Detection of fraud; inappropriate approval of services and/or payment for services

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ONC-FHA Healthcare Directory Tiger Team Dependencies

HcDir Task Force Timeline

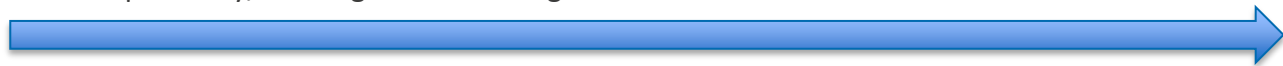| Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

HcDir Task Force

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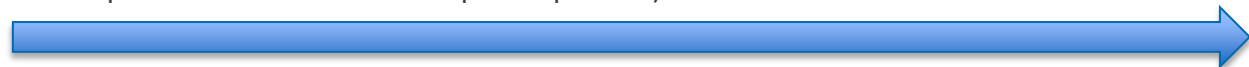
Use Cases Tiger Team

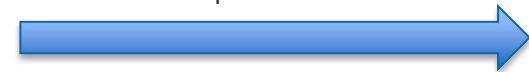Data Elements Tiger Team

Architecture Tiger Team

Interoperability/Exchange Standards Tiger Team
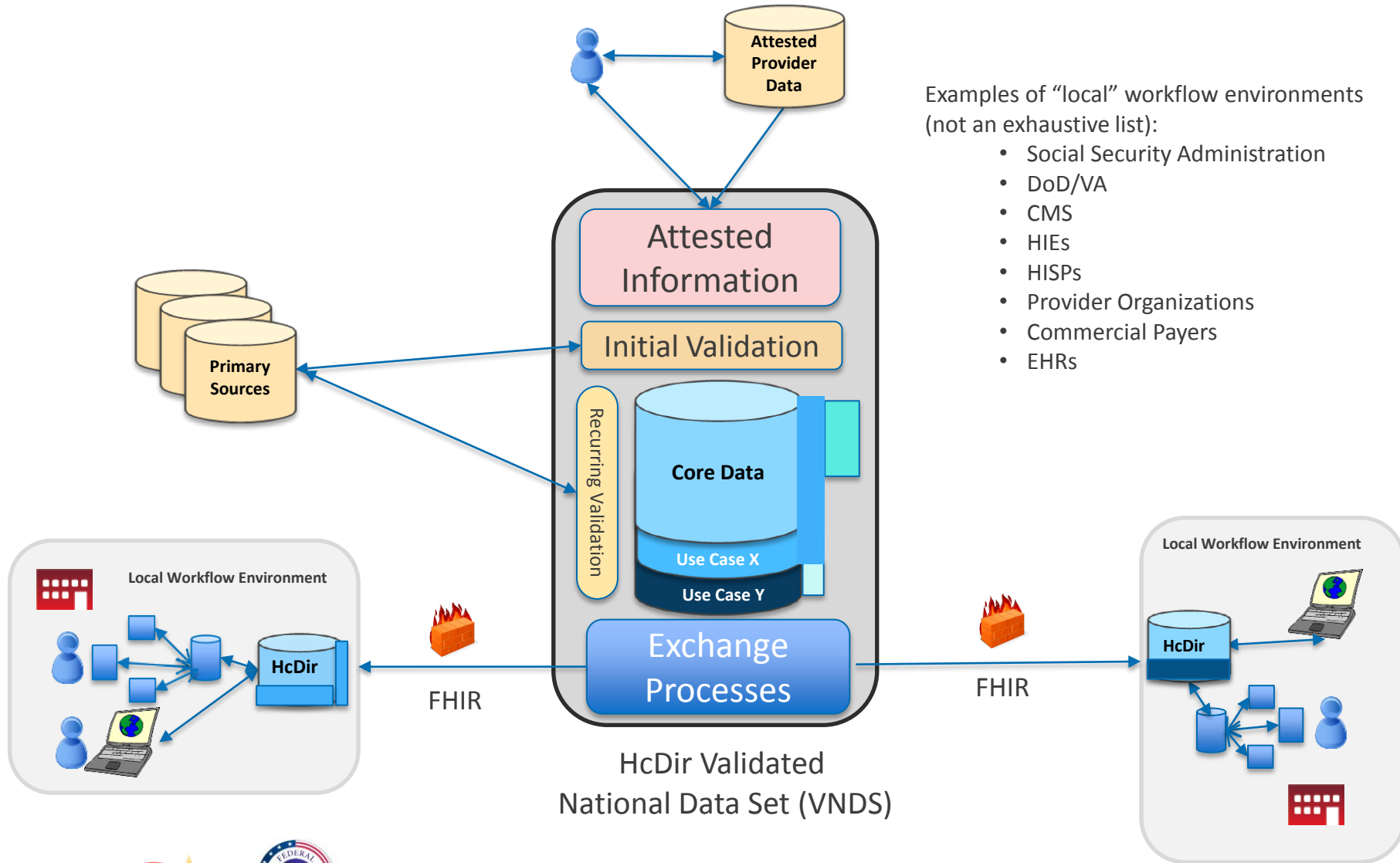
HL7 Implementation Guide development process)

HL7 IG ballot process

Technical Learning Community (TLC)

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FHA
FEDERAL HEALTH ARCHITECTURE

11

HcDir Conceptual Architecture -- Draft

Examples of "local" workflow environments (not an exhaustive list):

- Social Security Administration
- DoD/VA
- CMS
- HIEs
- HISPs
- Provider Organizations
- Commercial Payers
- EHRs

Attested Provider Data

Attested Information

Initial Validation

Recurring Validation

Core Data

Use Case X

Use Case Y

Exchange Processes

FHIR

FHIR

Local Workflow Environment

HcDir

Local Workflow Environment

HcDir

HcDir Validated National Data Set (VNDS)

Use of information in local workflow environments may be affected by local requirement and regulations

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FHA FEDERAL HEALTH ARCHITECTURE

- How do we segment or constrain the information being exchanged between a national resource and local workflow environments, such that a recipient only receives the information they need?

- How would your organization use a national resource of validated HcDir data?

For more information please contact:

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