AIRA Discovery Session

The Latest from ONC and CTO

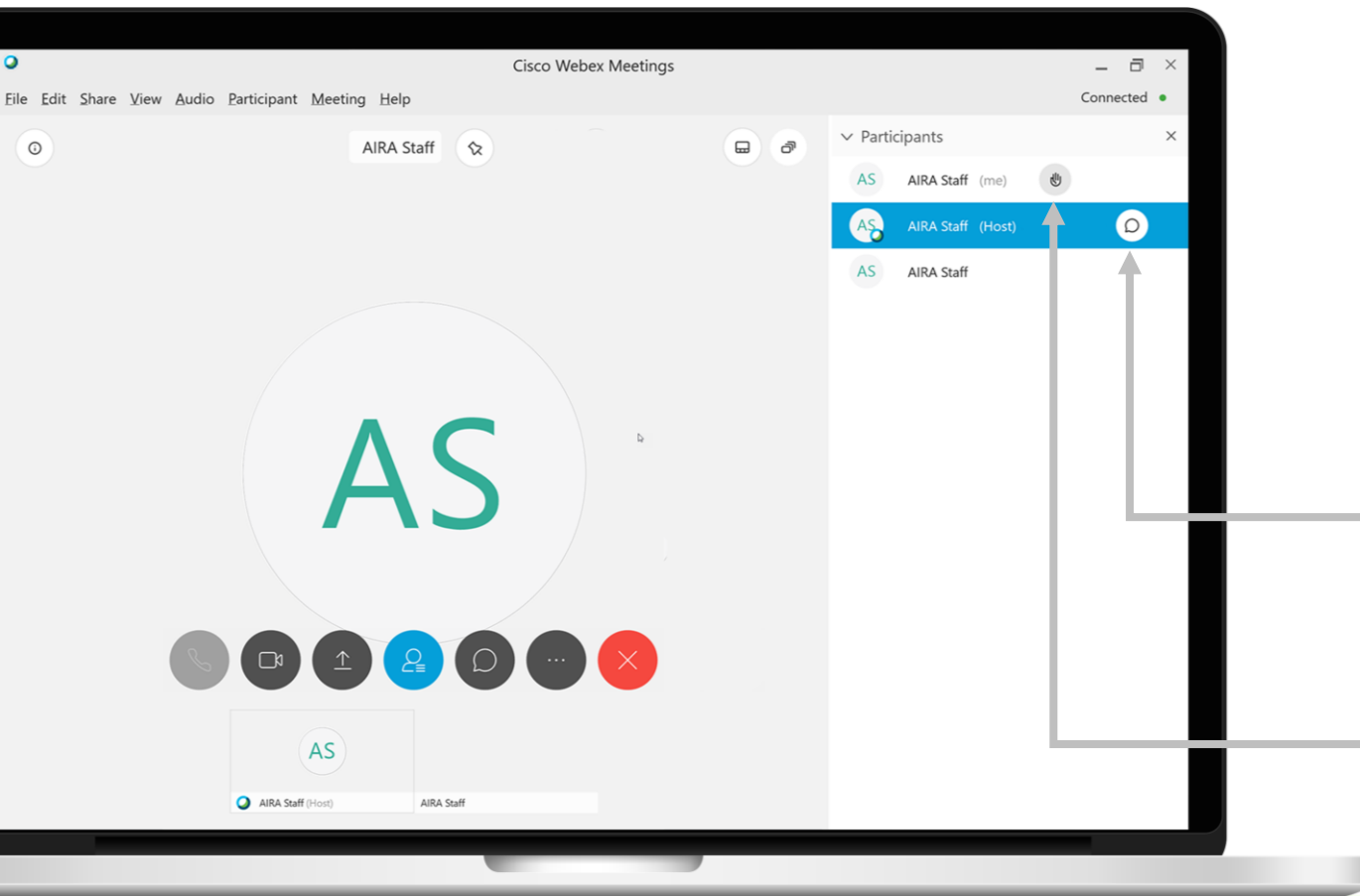February 25, 2019

Welcome
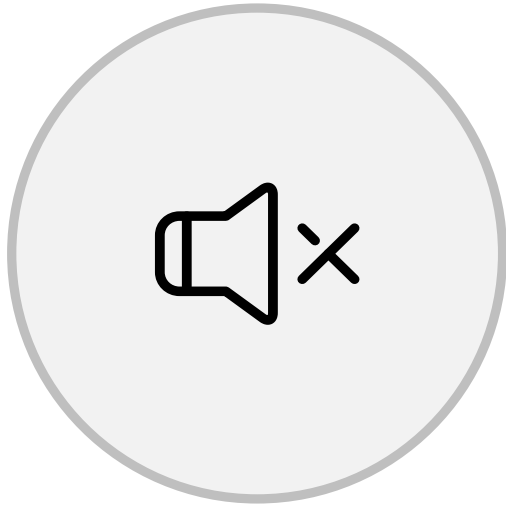
All phone lines
are muted

This meeting is being recorded
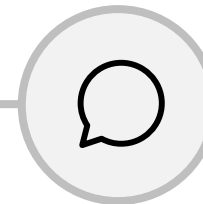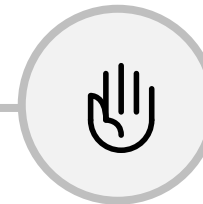and will be posted on the
AIRA repository

Welcome

How do I ask a question?

- There will be time allotted for Q&A following the presentation, to unmute your line press *6

- Via WebEx:

Select the chat icon next to the host and type question into the chat box.

Select the hand icon next to your name and you will be called on.
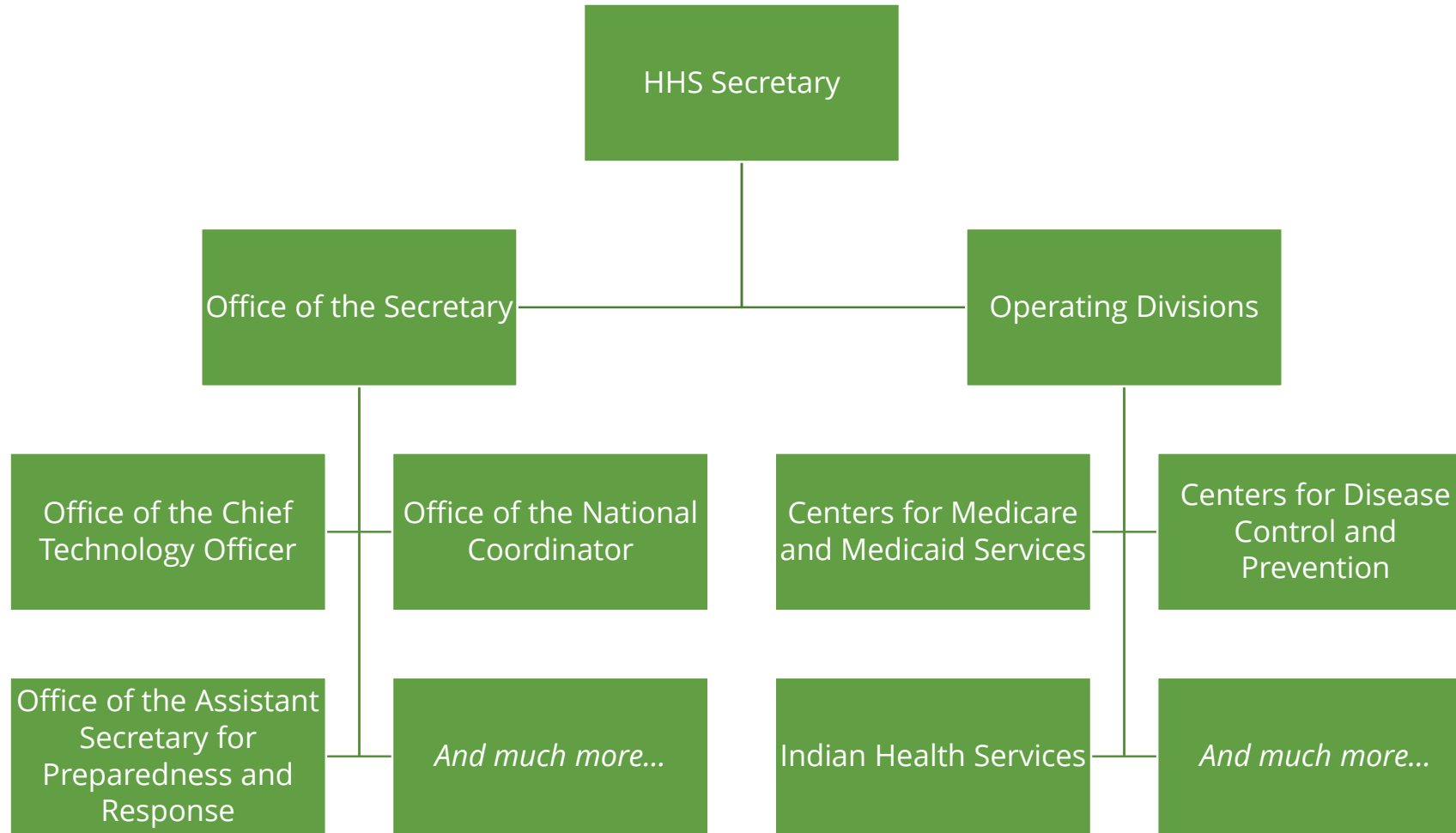
Quick Acronym Guide

- **CMS:** Centers for Medicare and Medicaid Services
- **CTO:** Office of the Chief Technology Officer
- **HHS:** Health and Human Services
- **ISA:** Interoperability Standards Advisory
- **NPRM:** Notice of Proposed Rule Making
- **ONC:** Office of the National Coordinator for Health Information Technology

HHS Organizational Chart (simplified)

Today's Topic

The latest from ONC and CTO

- Incentive Programs, including "Promoting Interoperability"
- Tool: Readiness Checklist
- New Proposed Rules from ONC and CMS
- Project Opportunities
  - Interjurisdictional hub
  - IZ Gateway
  - Consumer Access

Today's Speakers

- Dan Chaput, IT Specialist, Office of the National Coordinator for Health Information Technology, HHS

- Jim Daniel, Public Health Coordinator, Office of the Chief Technology Officer, HHS

AIRA Discovery Session - Standards and Interoperability

February 25th, 2019

- For 2019 All PI programs point to 2015 Certification Rule

  » "We, therefore, have adopted HL7 Version 2.5.1: Implementation Guide for Immunization Messaging, Release 1.5 (October 1, 2014) and HL7 Version 2.5.1: Implementation Guide for Immunization Messaging, Release 1.5, Addendum (July 2015) for the transmission to immunization requirement"[1] (p. 62663)

  » "We have adopted the requirement for a Health IT Module to enable a user to request, access, and display a patient's immunization history and forecast from an immunization registry in accordance with the Release 1.5 IG."[1] (p. 62664)

- For 2019 all the PI programs use the concept of "active engagement" consistently.

- The onboarding process and reaching a state of "active engagement" are discrete from the PI programs.

[1] https://www.govinfo.gov/content/pkg/FR-2015-10-16/pdf/2015-25597.pdf

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Health Information Technology

NDC & CVX – A brief review

- "Therefore, we have adopted the August 17, 2015 version of the CVX code set as the minimum standards code set for historical vaccines. For purposes of administered vaccines, we have adopted the National Drug Codes (NDC)— Vaccine NDC Linker, updates through August 17, 2015 as the minimum standards code set."[1] (pp 62663-62664)

[1] https://www.govinfo.gov/content/pkg/FR-2015-10-16/pdf/2015-25597.pdf

- **ONC's Notice of Proposed Rulemaking:** To Improve the Interoperability of Health Information: https://www.healthit.gov/topic/laws-regulation-and-policy/notice-proposed-rulemaking-improve-interoperability-health

- **CMS's Notice of Proposed Rulemaking:** Interoperability and Patient Access: https://www.cms.gov/Center/Special-Topic/Interoperability-Center.html and https://www.cms.gov/newsroom/fact-sheets/cms-advances-interoperability-patient-access-health-data-through-new-proposals

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Health Information Technology

CMS: Promoting Interoperability Programs (PI)

- Formerly the EHR Incentive Program also known as Meaningful Use

- Four Promoting Interoperability Programs (each administered separately):

  » IPPS (Hospital Inpatient Prospective Payment System)-Medicare

  » QPP (Quality Payment Program)-Medicare MIPS Eligible Providers

  » OPPS (Hospital Outpatient Prospective Payment System)-Medicare

  » Medicaid EHR Incentive Program or State's Medicaid Promoting Interoperability Program

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Promoting Interoperability Measure Sets for 2019

- For 2019, CMS has substantially revised objectives, measures, and scoring across these programs, as well as requiring use of 2015 Edition certified health IT

  » ePrescribing

  » Health Information Exchange

  » Provider to Patient Exchange

  » **Public Health and Clinical Data Exchange** (formerly Public Health and Clinical Data Registry Reporting measures)

- Objective
  - » Measures that an eligible hospital, critical access hospital, or MIPS eligible clinician attests yes to being in active engagement with a public health agency (PHA) or clinical data registry (CDR) to submit electronic public health data in a meaningful way using certified electronic health record technology (CEHRT) for two measures within the objective.

- Measures
  - » **Immunization Registry Reporting**
  - » **Syndromic Surveillance Reporting**
  - » **Electronic Case Reporting**
  - » Public Health Registry Reporting
  - » Clinical Data Registry Reporting
  - » **Electronic Reportable Lab (ELR) Result Reporting (EHs and CAHs only)**

Questions/Answers

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HealthIT.gov

Tool: Promoting Interoperability (PI) Incentive Program Readiness Checklist

- Available in the AIRA Repository
- Search on keywords **readiness, interoperability, incentive**
- **Link:**
  - https://repository.immregistries.org/files/resources/5835adc2f3a4b/promoting_interoperability_incentive_program_checklist_2019_final.pdf

Take Home Points:

- EHR requirement for 2015 CEHRT

- Acceptance of NDCs

- Sending conformant ACK messages

- Acceptance of queries

- Sending conformant RSP (response) messages

- Limit HL7 constraints, eliminate HL7 conflicts

- Offer SOAP/WS, CDC WSDL

- Be prepared for audits

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Promoting Interoperability (PI) Incentive Program Readiness Checklist for IIS

Updated January 2019

Checklist Item	Your IIS Status	Work Remaining/Level of Effort/ Notes
TECHNICAL Checklist		
NIST 2015 Submission (VXU) Test Messages: **Effective January 1, 2019**, providers wishing to receive incentive payments through the Promoting Interoperability incentive program must use Electronic Health Record Systems (EHRs) that meet 2015 Certified EHR Technology (CEHRT). To meet 2015 CEHRT criteria, EHRs are required to generate 6 VXU message test cases that conform to HL7 2.5.1 release 1.5 Immunization Messaging Implementation Guide[1] and Addendum[2] (also referred to as the HL7 IG). IIS should be prepared to accept messages that resemble these test cases. They cover: - Child administration - Adult Administration - Patient does not consent - Update to an immunization - Deletion of an immunization - Refusal of an immunization Note: The AIRA Aggregate Analysis Reporting Tool (or AART)[3] can assist IIS in ensuring their system is processing HL7 messages in accordance with standards. Meeting (or having a plan to meet) all AART measures and tests for submission and query is not required, but rather encouraged, when declaring readiness for incentive programs.		
Accept National Drug Codes (NDC) for Administered Vaccines: Promoting Interoperability requires the use of NDC for administered vaccines. Historical vaccines continue to use CVX codes.[4] IIS need to be able to accept and process NDC[5] for administered vaccines. CDC maintains tables for these code sets, along with crosswalk tables between CVX and NDC, and NDC Unit of Use (UoU) and NDC Unit of Sale (UoS). For more guidance on UoU and UoS NDCs, refer to CDC's Updated Guidance for Documenting Vaccine NDCs and Lot Numbers in IISs and EHRs.[6]		

[1] http://repository.immregistries.org/resource/hl7-version-2-5-1-implementation-guide-for-immunization-messaging-release-1-5/
[2] http://repository.immregistries.org/resource/hl7-version-2-5-1-implementation-guide-for-immunization-messaging-release-1-5-addendum/
[3] http://app.immregistries.org/aart/home
[4] https://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=cvx
[5] https://www2a.cdc.gov/vaccines/iis/iisstandards/ndc_crosswalk.asp
[6] https://www.cdc.gov/vaccines/programs/iis/2d-vaccine-barcodes/downloads/guidance-documenting-ndc.pdf
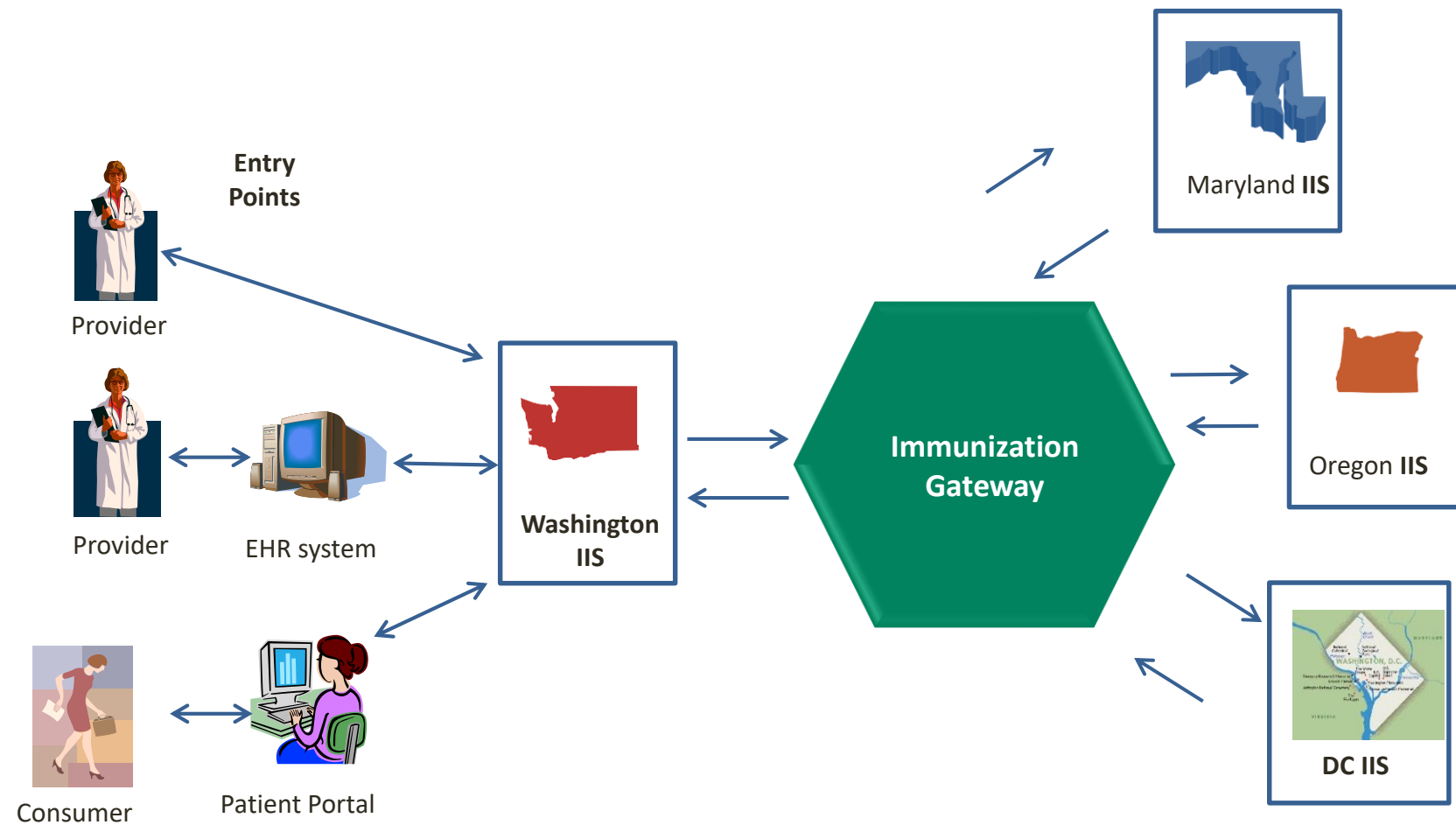
AIRA CTO Update

February 25, 2019

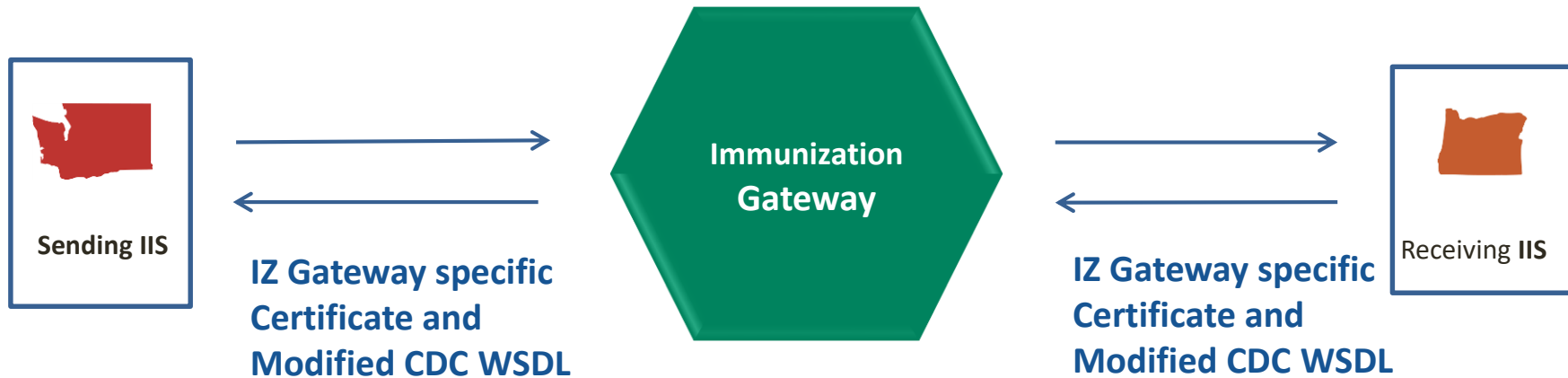# Current HUB to enable IIS to IIS exchange
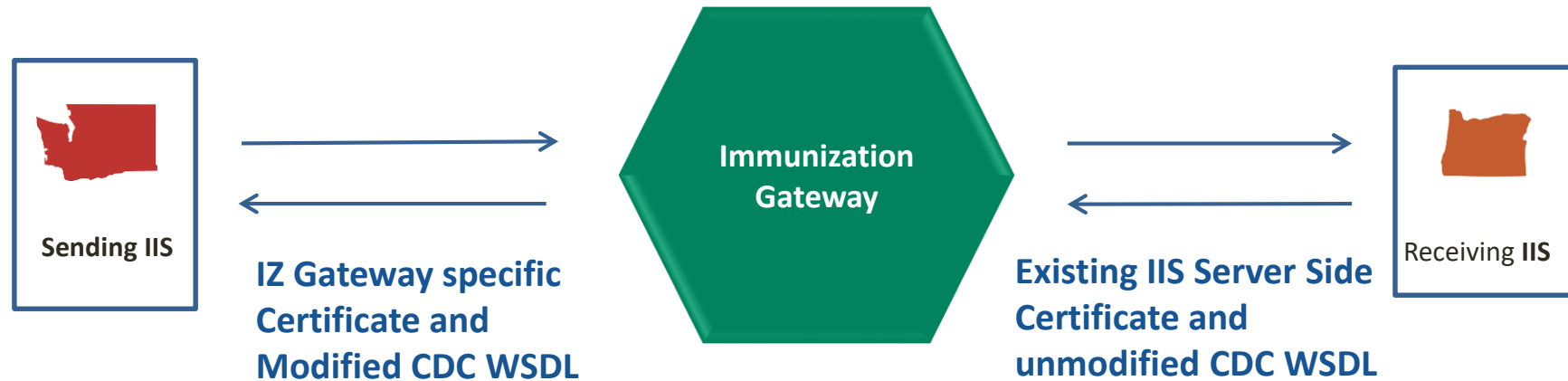
Bringing it all together

How can a single hub support

- Consumer access
- Cross-jurisdictional exchange
- Support of cross-jurisdictional providers
- Value add of IIS data

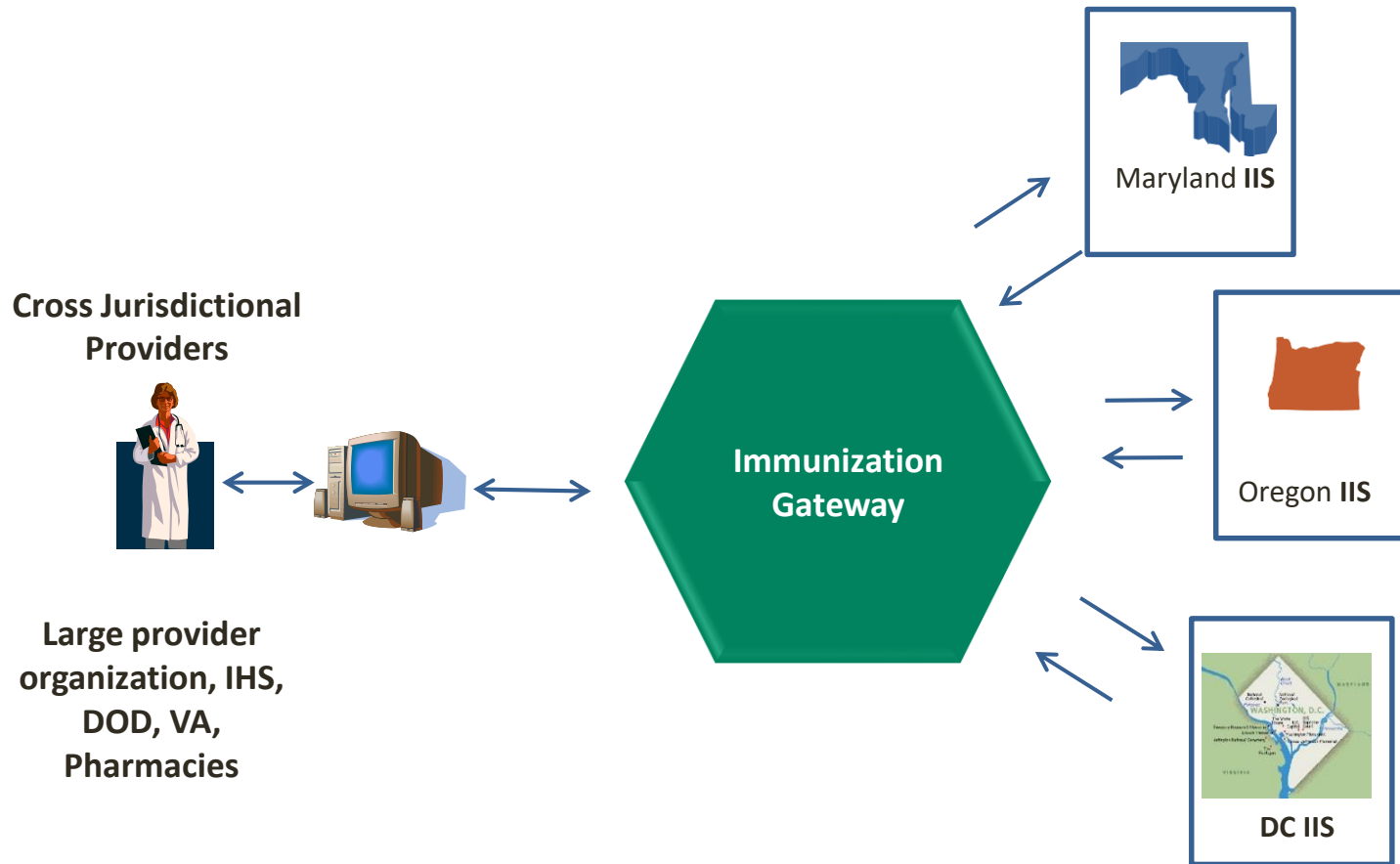# Current HUB to enable IIS to IIS exchange

Sending IIS

Immunization Gateway

Receiving IIS

IZ Gateway specific Certificate and Modified CDC WSDL

IZ Gateway specific Certificate and Modified CDC WSDL

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DC IIS

New Immunization Gateway Architecture

Sending IIS → **Immunization Gateway** → **Receiving IIS**

IZ Gateway specific Certificate and Modified CDC WSDL

Existing IIS Server Side Certificate and unmodified CDC WSDL

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DC IIS

Cross Jurisdictional Provider Support

Consumer access support

Third party apps

Docket, CareDox,
Appele   Health

Immunization
Gateway

Maryland **IIS**

Oregon **IIS**

DC **IIS**
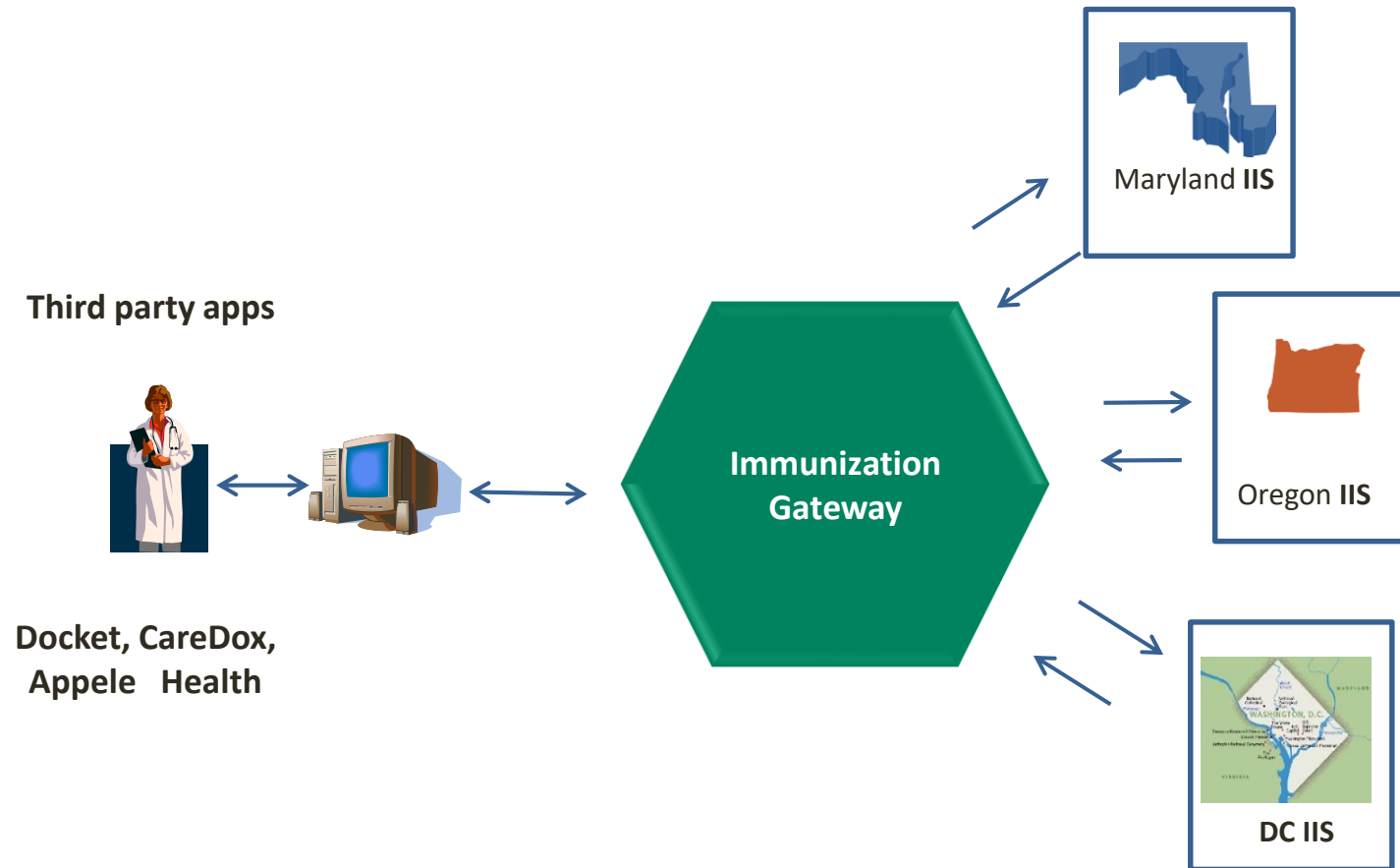
Requirements – Cross Jurisdictional exchange

Cross-jurisdictional IIS Sender/Initiator

- Support HL7 2.5.1 release 1.5
- Install IZ Gateway specific certificate
- Generate query from IIS

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Requirements – Cross Jurisdictional Exchange

Cross-jurisdictional IIS Receiver

- Support HL7 2.5.1 release 1.5
- Support single account for IZ Gateway
- Recognize sender through MSH segments
- Support cross-jurisdictional data as historical

Requirements – Multi-jurisdictional provider

Multi-jurisdictional IIS Receiver

- Support HL7 2.5.1 release 1.5
- Support single account for IZ Gateway
- Recognize sender through MSH segments
- Support cross-jurisdictional data as historical

IZ Gateway Functions - Cross Jurisdictional Exchange

IZ Gateway will enforce trading partner agreements

IZ Gateway will support transformations from providers as needed

IZ Gateway will support pre-onboarding

Requirements – Consumer Access

Consumer access

- Support HL7 2.5.1 release 1.5
- Support single account for IZ Gateway
- Recognize sender through MSH segments

	Role for IIS	Certificate		New IIS Functionality
Exchange between IIS	Initiate message	Gateway specific client side certificate	Single IZ Gateway Account to IIS	Automatic and manual triggers; send queries and updates
Exchange between IIS	Receive/respond	Existing IIS server side certificate	Single Gateway Account to IIS	Recognize messages as historical; identify sender through MSH segments
Exchange with multi-jurisdictional provider (DoD, VA, Indian Health Services)	Receive/respond	Existing IIS server side certificate	Single Gateway Account to IIS	Identify sender through MSH segments
Consumer Access connection for third party apps	Receive query only/respond	Existing IIS server side certificate	Single Gateway Account to IIS	Identify sender through MSH segments

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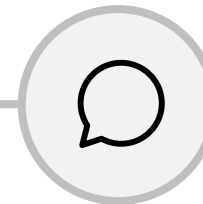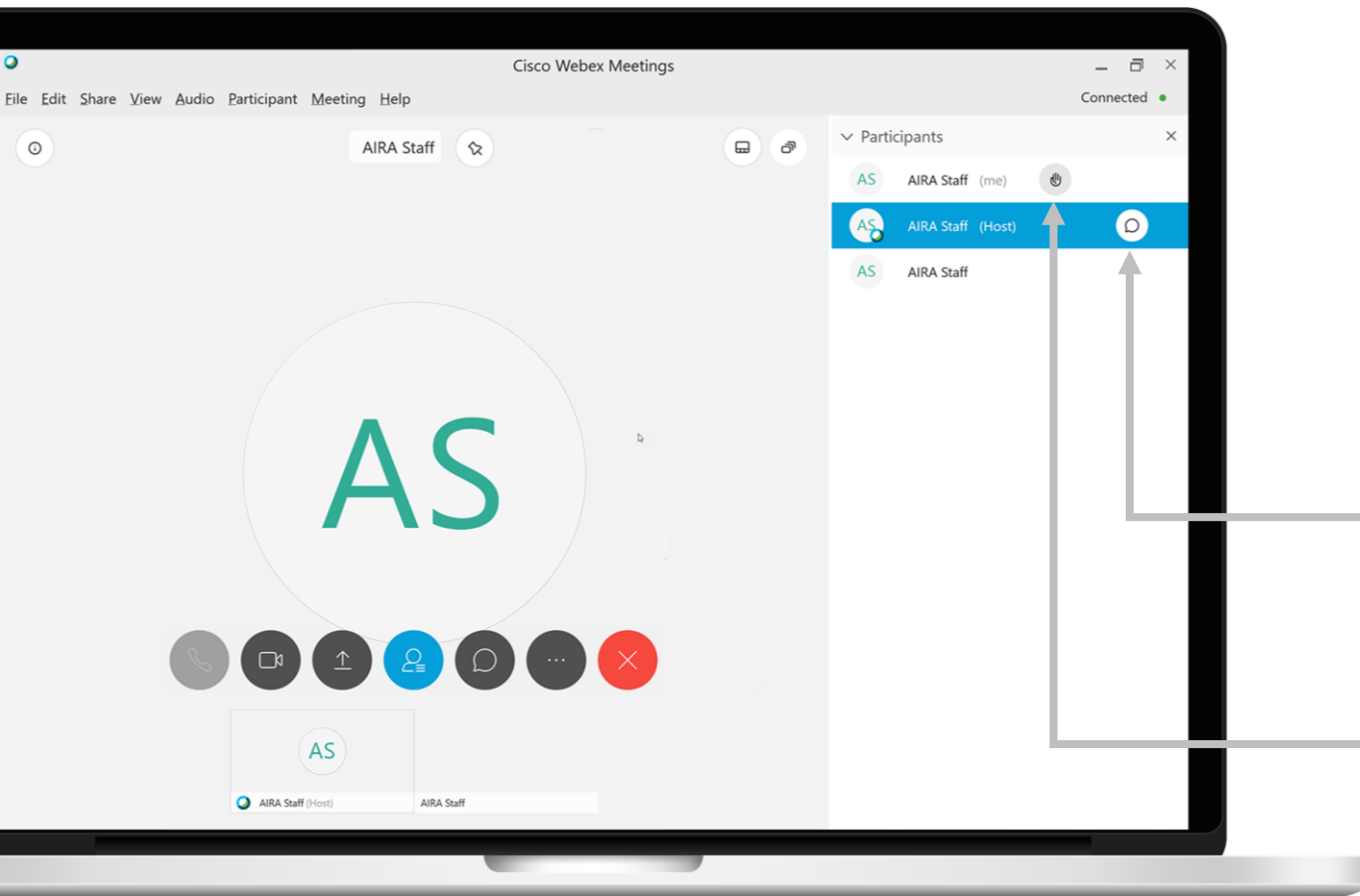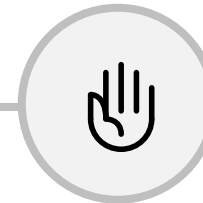
Questions, Comments, Discussion?

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Thank you for joining us!

A brief evaluation survey will be sent out following this webinar

The next Discovery Session will be April 1st at 4pm ET (note – moved out a week)