eHealth Exchange™

All Participant Call

Kati Odom-Bell
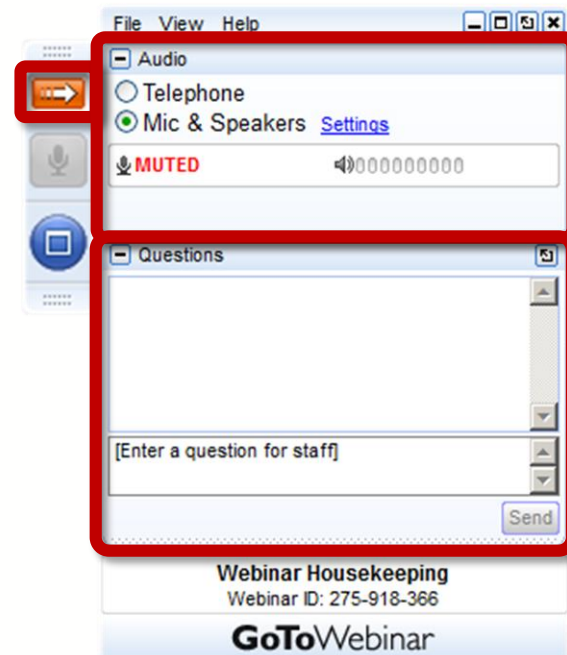
Pat Russell

Jay Johnstone

Mike McCune

Jay Nakashima

Didi Davis

Debbie Condrey

How Do I Participate?

Your Participation

Open and close your control panel

Join audio:
- Choose "Mic & Speakers" to use VoIP
- Choose "Telephone" and dial using the information provided

Submit questions and comments via the Questions panel

Note: Today's presentation is being recorded and will be provided within 48 hrs

Problems or Questions? Contact Dawn Van Dyke
dvandyke@ehealthexchange.org or 703.864.4062

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Today's Topics

1. New Participants	Kati Odom Bell
2. Coordinating Committee Elections	Pat Russell
3. Multiple Document Retrieval	Mike McCune
4. FDA Request	Mike McCune
5. Content Validation	Didi Davis
6. FHIR R4 Update	Debbie Condrey
7. eCR Update	Kati Odom Bell
8. Certificate Authority Transition Update	Kati Odom Bell
9. Q&A	Everyone

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New Participants

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Congratulations to our newest Participants!

- Health Gorilla, Patient 360, CA

Committed to Improving Patient Care via Data Exchange

Coordinating Committee Elections

2021 Coordinating Committee (CC) Seats

	Representative	Term Date
HIO	Mike Dittemore, RN	9/30/2022
	John Kansky	9/30/2023
	Doug Dietzman	9/30/2021
IDN	John Mattison, MD	9/30/2020
	Matt Eisenberg, MD	9/30/2022
	Paul Matthews	9/30/2022
Other	Ryan Stewart	9/30/2023
	Chris Akeroyd	9/30/2021
	Jarrod Pearson	9/30/2021

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2021 Coordinating Committee (CC) Election Timelines

- Nominating Committee (Matt Eisenberg. Paul Matthews and John Mattison)
- Distribute CC Application to Nominating Committee for suggested changes/approval - completed
- Announce elections on monthly All Participant Call –will announce through July meeting
- July 16 - Email Participant notice for elections
- July 19 - Open for applications
- August 6 - Close application Period
- August 9 - 13 - Nominating Committee Review Applications
- August 13 - Nominating Committee finalizes slate of nominees (Nominating Committee teleconference)- call scheduled
- August 17 - Coordinating Committee approves slate of nominees
- August 23-27 - Participants Vote
- August 30 - Sept 3 - Time for runoff if needed
- Sept 7 - Notice to Participants
- Sept 8 – October 1, Orientation
- Sept 21 - New Coordinating Committee Members shadow CC Call
- October 19- First New CC Member meeting

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Multiple Document Retrieve

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Multiple Document Retrieve

- Context:
  - The number of documents being retrieved has undocumented hard limits and expectations, esp. on the responder side
  - Currently this issue seems localized to eHx Hub Carequality networks bridge transactions

IN PROGRESS:

- Proposed solution approach:
  - Gather more information and inform Carequality bridge participants
    - Staff will review QD/RD requests from all Bridge Participants. Establish RD request behaviors
    - Announce test results to all Bridge Participants

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Multiple Document Retrieve (Cont.)

IN PROGRESS:

- Ask impacted Bridge Subscribers, to determine if their vendor:
    - Limit requests to a single document
    - Change the gateway with configuration only (or is development required)?
    - Determine if other clients successfully using this change?
    - If the change will require development time, please answer the following of your vendor:
        - Is your vendor willing to make a change?
        - What is the expected level of effort?
    - Will the vendor charge the participant for the requested change?
    - How soon can a change be implemented? Will it require waiting for a product upgrade cycle?

- Any suggestions or objections to this approach may be discussed during the Q&A period

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FDA POC Request

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FDA Pilot Invitation

The eHealth Exchange is recruiting participants to exchange validation data (i.e., no-PHI) for a proof of concept (POC) with the FDA. The pandemic has highlighted the importance of FDA's regulatory mission to ensure the safety of vaccines in a post-authorization setting. The objective of this POC is to determine the ability of an exchange infrastructure to confirm that previously reported/identified vaccine adverse event cases (e.g., facial nerve palsy following immunization) meet clinical case definition criteria. Though this use case is consistent with established eHealth Exchange policy (i.e., DURSA), this POC will not involve production (PHI) servers and will not be used for regulatory purposes.

- Is your organization interested in being a FHIR responding gateway to test with FDA for a new eHealth Exchange use case?
- If so, please contact mmccune@ehealthexchange.org

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Content Validation Update

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Participant Status – Content Testing Update

Out of 279 Participants required to pass Content Testing by May 1, 2021:

- **17,473 documents tested as of June 16, 2021**

- **88% or 246** Participants are @ Content Validated Status as of June 16, 2021

- Content validated logos being added in real time to Participant listing on eHealth Exchange website:
  - https://ehealthexchange.org/participants/

- 27 Waiver/Extensions Requested and Approved by the Coordinating Committee (CC)
  - Waiver Text has been added to all approved Participants

  NOTES:
  Content testing waiver granted to 12/31/21

- 6 Participants are Epic working with their TS

- **13** technologies leveraged
  - Audacious Inquiry, Diameter Health, Cerner CEP, CONNECT, Epic, Guardian, Health Catalyst, Intersystems, Lightbeam, Mirth, Nextgen, Orion, Zen Health

- Questions should be submitted to testing@ehealthexchange.org

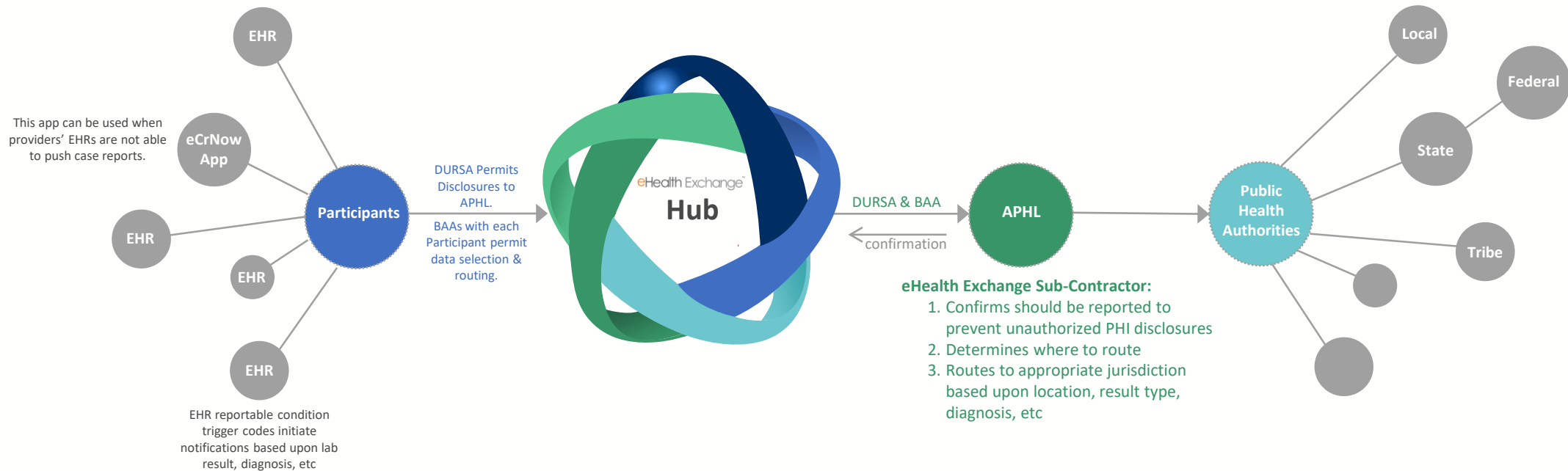eHealth Exchange

FHIR R4 Project Update

Transition to FHIR R4

- Work on customizing HAPI for authentication/authorization is complete

- We added some additional business requirements to the UDDI endpoint, so work has started on that. Should be complete soon

- We are starting our testing and R4 implementation plan using the configured HAPI server demo environment

- Mock-ups for the Directory Self-Service Portal (GUI) are complete and will be reviewed internally by the eHealth Exchange team

- Working on Directory validations using FHIR R4 extensions and functionality

- On track for delivery of this project by the end of July/August

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eCR Update

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Pushing Electronic Case Reports (eCr) is **Live**!

This app can be used when providers' EHRs are not able to push case reports.

EHR

eCrNow App

EHR

EHR

EHR

Participants

EHR reportable condition trigger codes initiate notifications based upon lab result, diagnosis, etc

DURSA Permits Disclosures to APHL.

BAAs with each Participant permit data selection & routing.

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Hub

DURSA & BAA

confirmation

APHL

eHealth Exchange Sub-Contractor:
1. Confirms should be reported to prevent unauthorized PHI disclosures
2. Determines where to route
3. Routes to appropriate jurisdiction based upon location, result type, diagnosis, etc

Public Health Authorities

Local

Federal

State

Tribe

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eCR is LIVE!

eCR is live at no additional cost to your organization. To onboard, follow these steps:

1. Confirm your gateway supports ITI-41 & ITI-80.

2. Confirm you have completed Hub Initiator Testing.

3. Notify administrator@ehealthexchange.org your organization wants to push electronic case reports to APHL (Association of Public Health Laboratories).

4. eHealth Exchange will provide an introduction to the AIMS team, as well as an onboarding checklist of about 7 questions.

5. The checklist will ask for your Push Notification Endpoints (aka RR endpoints) for both Val and PRD, as well as your IP addresses for both VAL and PRD.

6. eCR testing is required to be conducted in a VAL environment, so we will need to confirm that your validation certificate is installed and not expired.

7. APHL/AIMS will also provide some needed documentation on their side. Your organization will be asked to join a pre-scheduled cohort call to discuss progress, troubleshooting, and timelines.

8. Once testing is complete in VAL, the functionality will be activated in PRD on a scheduled "go-live" date.

Certificate Authority Update

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OPEN SEASON!

- All Participants should have updated their trust stores to include the new CA trust bundles by 3/1. If your organization has not yet completed this step, please do so **ASAP! Failure to do so will cause connectivity issues with pilot organizations.**

- Your existing Entrust root/intermediate certs will need to remain installed as well. The new trust stores can be found here: https://desk.zoho.com/portal/directtrust/en/kb/articles/installing-sequoia-project-trust-chains

- Open season has begun and all organizations are now being pushed to the new process as their certs near expiration.

- Entrust certificates are being issued in emergency situations only!

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What do I need to do?

- If your certificate expires in June or early July, your most recent Subscriber should have already received outreach with an introduction to DirectTrust.

- If you have not received that outreach and your certificate is nearing expiration, please send an e-mail to techsupport@sequoiaproject.org so that we can facilitate the intro as soon as possible.

- Please note that the new process will involve new Identity Proofing steps and certificate agreements. Your organization will be assigned a Certificate Authority vendor and will receive the appropriate forms once the CA vendor is assigned.

- All organizations that were issued Entrust certs in 2021 will be contacted around September of 2021 to transition to the new CA vendor certs.

- The transition off of all Entrust certificates is scheduled to be completed November 2021.

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What does the new process look like?

- Once the introduction to DirectTrust is provided, they will respond requesting that you complete a new certificate spreadsheet.

Field	Field Required for VAL or PRD certs?	Value (Enter in this column)	Description
Org Legal Name	VAL & PRD		Subscriber organization legal name
Org Type	PRD	HE	Subscriber organization type
Org NPI	PRD (if organization type is CE)		Subscriber organization NPI
Org DUNS	PRD (if organization type is BA, H		Subscriber organization Dun & Bradstreet DUNS/D-U-N-S Number
Org TaxID	PRD		Subscriber organization EIN/TaxID
Org Street Address	PRD		Subscriber organization location street address 1
Org Street Address 2			Subscriber organization location street address 2
Org City	PRD		Subscriber organization location city
Org Zip (5 digits)	PRD		Subscriber organization location first 5 digits of zipcode
Org State	VAL & PRD	Florida	Subscriber organization location state
Org State of Incorp.	PRD	Florida	Subscriber organization state of incorporation
Org Country	VAL & PRD	US	Subscriber organization country
fqdn	VAL & PRD		Fully Qualified Domain Name (FQDN)
Initiative Community	VAL & PRD	Carequality	Sequoia affiliated initiative community
Sponsor Last Name	PRD		Sponsor legal last name to be used for identity proofing
Sponsor First Name	PRD		Sponsor legal first name to be used for identity proofing
Sponsor Email	VAL & PRD		Sponsor official email
Sponsor Phone	PRD		Sponsor phone
Cert Environment	VAL & PRD	PRD	Environment of certificate installation (Validation or Production)

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What does the new process look like?

- After you've returned the spreadsheet, DirectTrust will assign you to one of two CA's:
  - MaxMD
  - EMRDirect
- Your organization does not get to request a specific CA, this is assigned by DirectTrust.

- DirectTrust will provide instructions for your Sponsor to complete Identity Verification through your assigned CA.   Identity Proofing is not required for VAL certs.

- Once Identity Proofing is completed, a link will be provided for the Sponsor to retrieve the certificate.

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Please Engage!

We'd love to hear from you

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Technical Work Group

Thursdays 4-5 ET.

Typical Topics:

1. Technical Specification Creation

    a. Push notifications

    b. Populating directory with hospital locations

    c. Broadcast query

    d. FHIR Directory

    e. Consumer access

    f. Carequality harmonization

    g. Controlled Unclassified Information (CUI) Marking

2. Testing

3. Hub Updates

4. Capacity planning [Final Thursday each month]

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How might I obtain additional information?

How	When	Where
1. Visit eHealth Exchange Web Site	Any time	https://ehealthexchange.org
2. Monthly Participant Web Meetings	Typically, the 3rd Thursday of Each Month at 1 pm ET	https://ehealthexchange.org/events
3. Weekly Technical Workgroup	Thursdays 4-5 ET (April though August+)	https://ehealthexchange.org/events
3. Email	Any time if you have a specific question	administrator@ehealthexchange.org

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Questions & Answers

Please e-mail questions or concerns to administrator@ehealthexchange.org