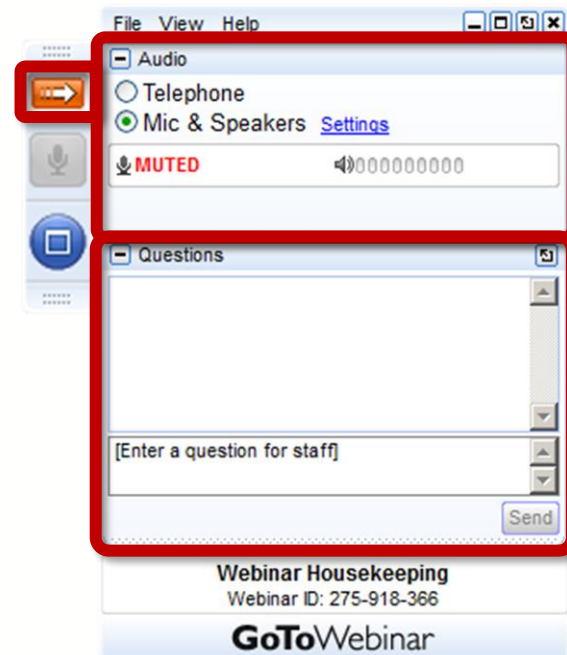


January 19<sup>th</sup>, 2023

# eHealth Exchange<sup>TM</sup>

## All Participant Call

# 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](mailto:dvandyke@ehealthexchange.org) or 703.864.4062

## Today's Topics

1. New Participants	Mark Rogers
2. Annual Meeting Recap	Kathryn Bingman
3. FDA Pilot	Abhi Pandey
4. QHIN Updates	Kathryn Bingman
5. Contacts	Mark Rogers
6. HIMSS	Kathryn Bingman
7. Q&A	Everyone





# New Participants

eHealth Exchange<sup>TM</sup>

## Congratulations to our newest Participant!

- Particle Health
- University Medical Center of Southern Nevada
- Medchart
- Jefferson Health
- Summa Health



Committed to Improving Patient Care via Data Exchange





# Annual Meeting Recap

eHealth Exchange<sup>TM</sup>

# eHealth Exchange<sup>™</sup> Annual Meeting 2022

- Held in Washington, DC on the 15<sup>th</sup> of December
- 112 Attendees – despite the winter storms and COVID!
- Sessions are available to watch and/or download on our website  
<https://ehealthexchange.org/2022-annual-meeting-thank-you/>
- Dr. Micky Tripathi's keynote highlights the importance of QHINs and the future of Interoperability







# *Participation Request*

## FDA Pilot: Adverse Event Exchange via FHIR 2022 Roadmap

eHealth Exchange<sup>TM</sup>



# BEST Introduction

## CBER OBPV Mission

Ensure post-market biologic-product safety and effectiveness

### Regulated Products

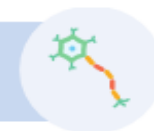
Vaccines (preventative and therapeutic)



Blood (components and derived)



Human Tissues and Cellular Products



Gene Therapies



Xenotransplantation Products



## FDA BEST Initiative Objective

The objective of the Biologics Effectiveness and SafeTy (BEST) Initiative is to ensure post-authorization biologic-product **safety and effectiveness** through leveraging eHealth Exchange national connectivity.

## Exchange Pilot Objective

To enable more robust monitoring of post-authorization adverse events while **minimizing the burden** on providers through an exchange-based FHIR infrastructure.

CBER = Center for Biologics Evaluation and Research  
FDA = U.S. Food and Drug Administration  
OBPV = Office of Biostatistics and Pharmacovigilance

## Pilot Overview

Health Care Providers in  
eHx Network

FDA BEST Exchange Platform  
(with BEST Applications)

eHealth Exchange  
Data Hub

### Expected Benefits:

- Uses existing FHIR R4 endpoints
- Reduced burden for responders
- Reduced latency
- Efficiencies in EHR data requests

# Push Use Case: Detect, Validate, and Report Adverse Event Cases

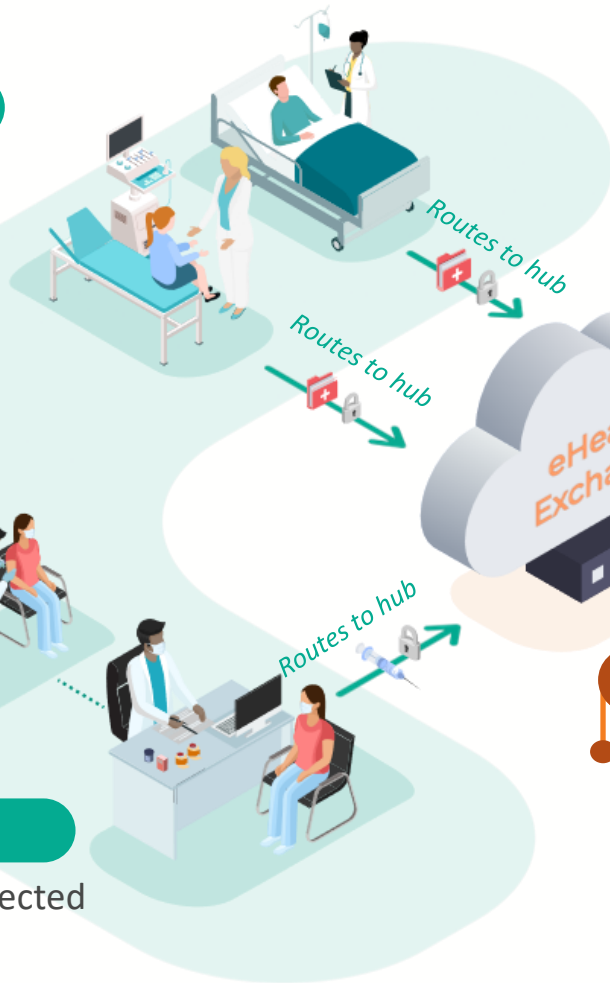
## 1 Exposure

Vaccine administered and recorded in provider's EHR



## 2 Outcome Detected

- Potential adverse event detected by algorithm
- Submit FHIR data to eHx Hub for FDA BEST delivery



## 3 eHx Transmits Data

- Delivers FHIR data to FDA BEST Platform



## 4

## FDA BEST Platform Processes Case

- Receives FHIR data from eHx Hub



## 5

## Clinical Reviews

- Semi-automated tools for case review
- Adverse event report developed for valid cases



## 6

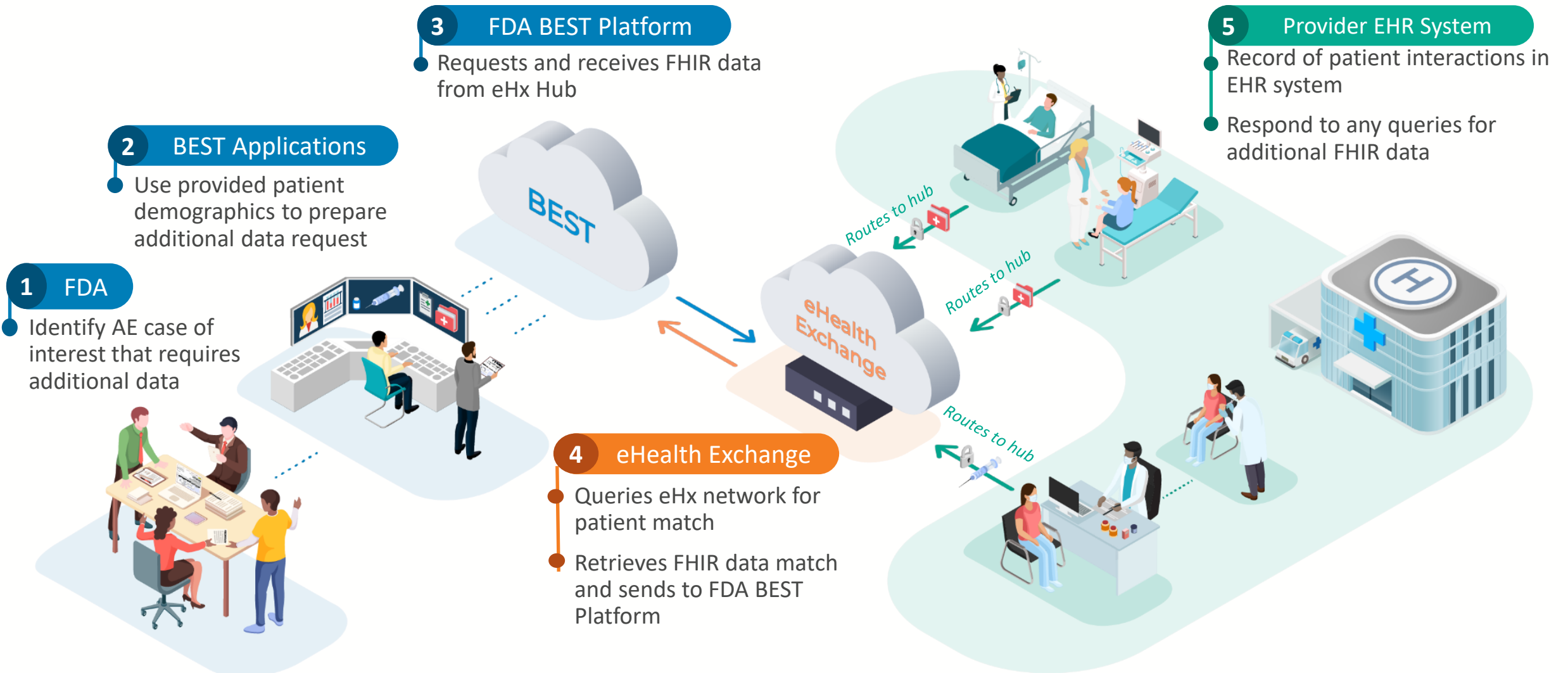
## FDA

- Receives AE report
- Reviews case





# Pull Use Case: Requesting Clinical Charts for Validation of Reported Cases

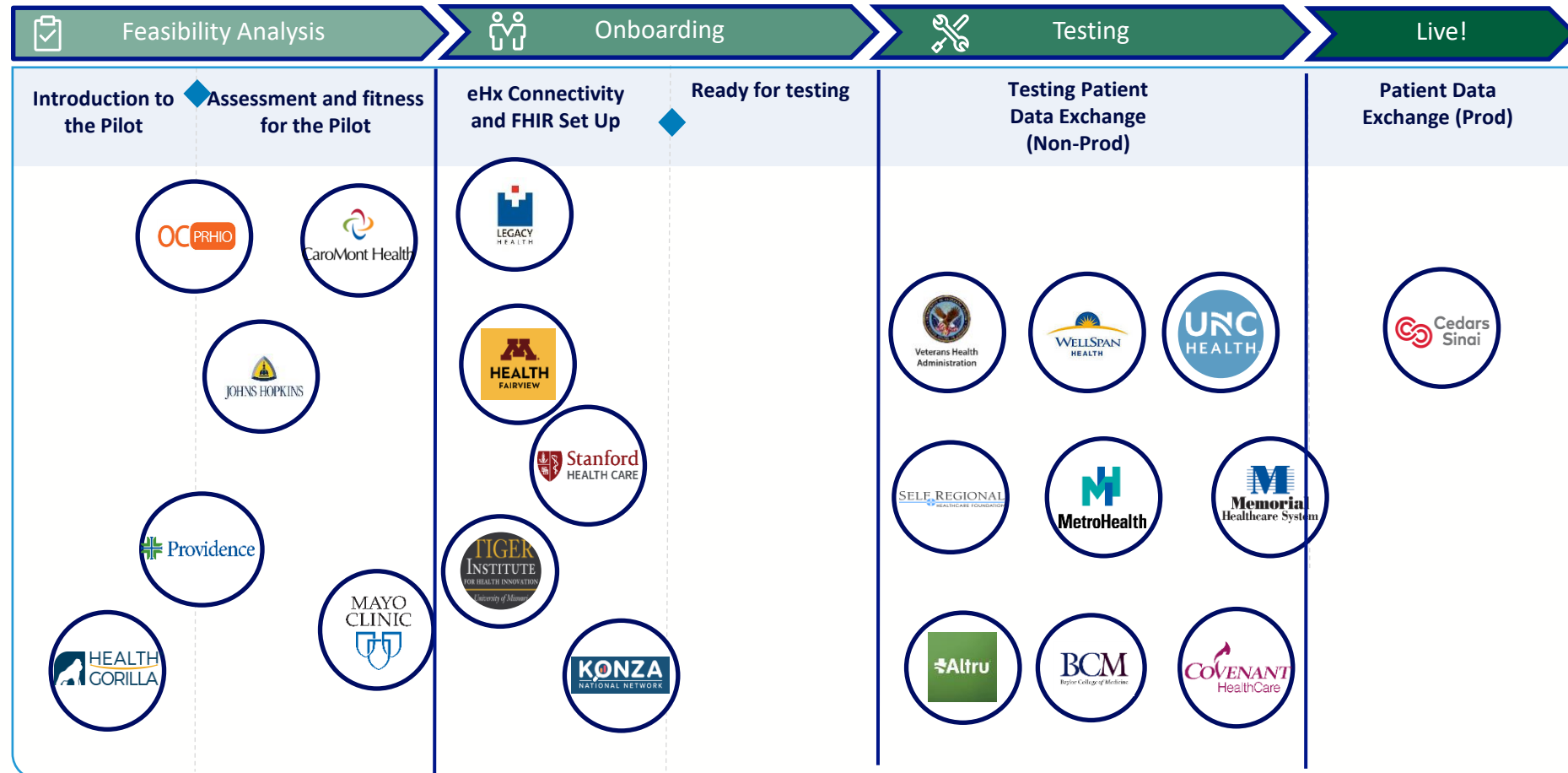


## Current Participants and Acknowledgements

### FDA FHIR Acceleration Incentive 2022-23



eHealth Exchange plans to waive up to fifteen (15) non-federal Participants' annual participation fee for one year if they successfully respond to FDA's Production FHIR R4 APIs in accordance with FDA BEST exchange requirements by 3-31-2023.



# Why and How to Participate

Consider participating in the Production Pilot by acting as a responding gateway to inbound FHIR resource queries/retrieval.

- **Why participate?**
  - Support impactful ongoing public health vaccine safety efforts
  - Automation of current manual process of reporting
  - Authorship on an innovative paper
- **Interested in being a participant?**
  - Please reach out to eHealth Exchange Admin [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org)
  - Schedule an Introductory Call
- **Level of Technical Effort:** About 8 hours per environment. eHx will provide set up guidance. Time will vary depending on resource availability and readiness of test patient data.
- **Stretch Goal:** For Participants to send a FHIR message to the FDA, via the eHx Hub, notifying the FDA of potential adverse reaction events.



# FDA Pilot Questions & Answers



# QHIN Update

eHealth Exchange<sup>TM</sup>



# Is Your Organization Ready for TEFCA?

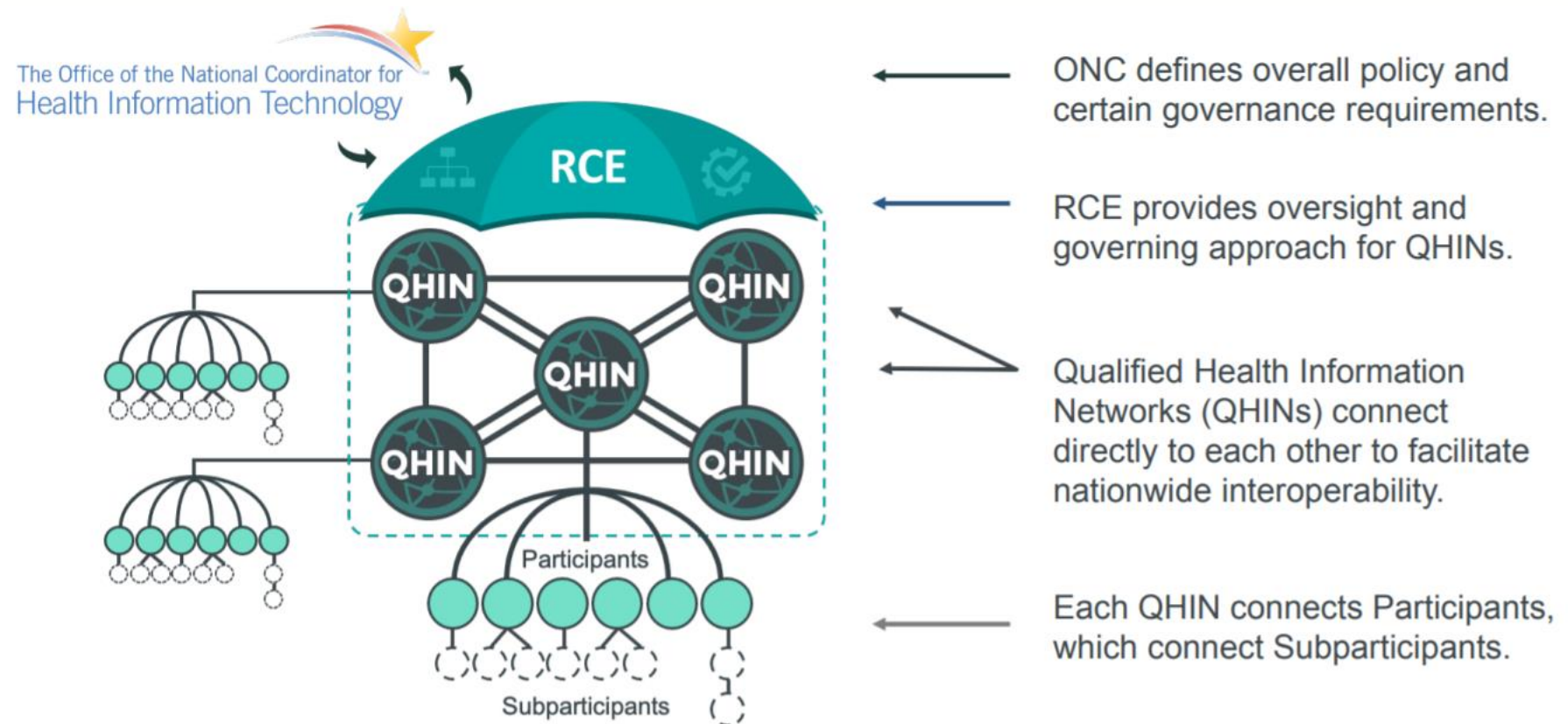
Health information networks, including the the eHealth Exchange, are preparing for the launch of the Office of the National Coordinator for Health IT's (ONC) Trusted Exchange Framework and Common Agreement, also known as TEFCA, in 2023.

We're ready to help HIEs, health systems, digital health platforms, and others who want to connect to the federally-endorsed TEFCA network.

[www.BeMyQHIN.org](http://www.BeMyQHIN.org)



# How will TEFCA Work?



## What about TEFCA works?



- Right goals: technical floor for interoperability, simplified and secure connectivity, enable individuals
- Continued opportunities for experienced actors to provide constructive input
- There remain critical, separate roles for national and state/regional networks
- Efficient and practical to leverage national-level infrastructure, rather than duplicate investments

# eHealth Exchange TEFCA Terms & Conditions

- Incorporate the ONC required flow-downs
- These Terms and Conditions to help eHealth Exchange Participants understand what the flow downs mean for them and their Subparticipants
- The Terms and Conditions provide Participants with a way to approach complying with the required flow-downs, every Participant that does not opt-out of TEFCA will be required to comply with these Terms and Conditions without any edits just like the DURSA



## eHealth Exchange TEFCA Protocols

- We want our Participants that do not opt-out of TEFCA to be able to comply with the requirements without having to spend a lot of time and money trying to unpack the Common Agreement and SOPs
- The purpose of these Protocols is to provide additional details about the required flow-downs and guidance on what Participants need to do to comply with the flow-downs
- Likely Initial Protocols:
  1. eHealth Exchange TEFCA Governance Protocol
  2. eHealth Exchange TEFCA Change Management Protocol draft
  3. eHealth Exchange TEFCA Security Incident Protocol draft

## Major Technical Differences eHealth Exchange QHIN Participants Must Support

1. Adopt USDCI v1 data classes and elements
2. Adhere to the Concise Consolidated CDA 1.1 Specification
3. Adhere to Postal Address Standards
4. Adopt IHE ITI Technical Framework Revisions 17.0 (versus Revision 8.0)
5. Accept aggregated XCPD responses
6. Various requirements such Purpose Of Use values, different consent attribute structure, sub-participant directory entries and detailed reporting, onboarding log submissions, specific test patients, and quarterly reporting.

## QHIN Required Responses

QHIN Participants and Sub-Participants must:

1. Respond to Treatment queries (effective immediately)
2. Respond to Individuals' requests (effective March 16, 2023, based on the IAS SOP publication on September 16, 2022)
3. Respond to Government Benefits Determination queries (effective date tbd)
4. Respond to Healthcare Operations (HCO) queries (effective date tbd)
5. Respond to Payment queries (effective date tbd)
6. Respond to Public Health queries (effective date tbd)
7. Adhere to the TEFCA FHIR Roadmap (under development)



## Participant Opt-out Process Summary

1. If HHS ONC's Recognized Coordinating Entity (RCE) approves eHealth Exchange's QHIN application, the Coordinating Committee will direct eHealth Exchange staff to notify Participants they have the right to opt-out of TEFCA exchange via the eHealth Exchange QHIN. This notification will include :
  1. The Common Agreement
  2. eHealth Exchange TEFCA Terms & Conditions
  3. eHealth Exchange TEFCA protocols
  4. Dates for TEFCA education sessions
  5. A deadline of at least 60 days (tbd by the Coordinating Committee) to **opt-out** of TEFCA exchange via the eHealth Exchange QHIN or be deemed to be participating in the eHealth Exchange QHIN and bound by eHealth Exchange's TEFCA terms.
2. eHealth Exchange staff will apprise the Coordinating Committee of any Participant concerns or comments submitted.

Just as when eHealth Exchange joined Carequality, eHealth Exchange will make best efforts to ensure Participants who do not opt-out truly intend to exchange via eHealth Exchange's QHIN.

# Why leverage **eHealth Exchange**?



## **INTEGRITY**

Vision for increased transparency in health care.



## **DATA STEWARDSHIP**

Keeping patient data safe is a top priority.



## **PUBLIC GOOD**

Nonprofit entity serving patients and maintaining vendor neutrality.



## **OVERSIGHT**

Participatory governance with Federal agencies, HIEs, and providers.



## Press Releases



# CRISP

**Five Statewide HIEs To  
Participate in ONC's TEFCA  
Through eHealth Exchange and  
CRISP Shared Services – 8.11.22**



**eHealth Exchange and Virginia  
Health Information Announce  
QHIN Intentions – 11.1.22**

[www.BeMyQHIN.org](http://www.BeMyQHIN.org)





# Contacts

Changing and New Contacts

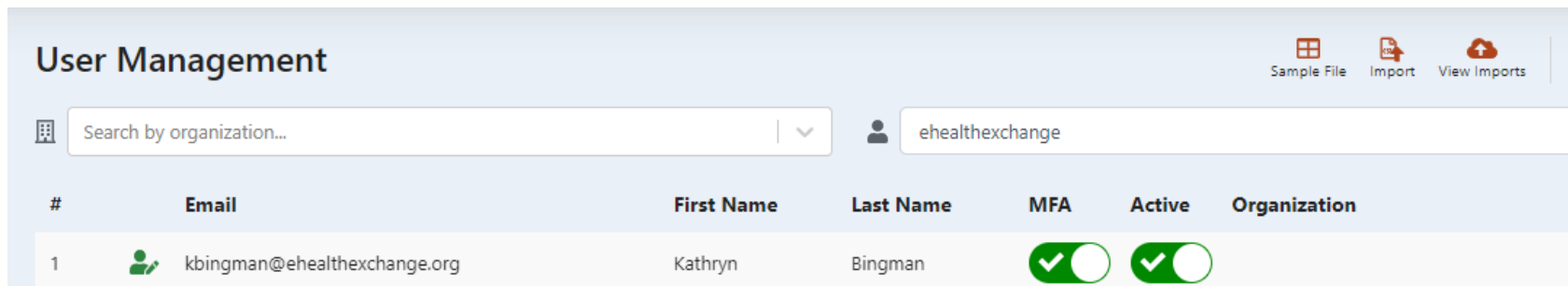
eHealth Exchange<sup>TM</sup>

# Contacts for Your Organization




We want to ensure that we are reaching the right people at your organization with our communications.

- If you have had recent or past changes and are unsure if we have an updated list: email [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org) requesting the Contact List Template to complete and return.
- The template asks name, title, phone number, email address, and what type of emails the resource should receive.
- This will assist eHealth Exchange and each Participant in knowing that the communication we send is received appropriately.

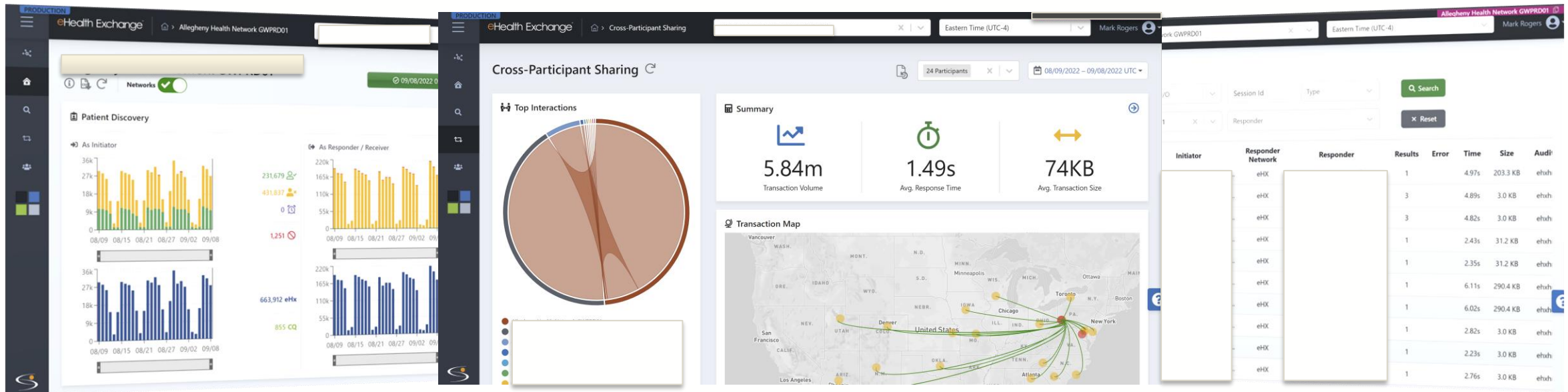
Don't forget to maintain your Hub Dashboard accounts! If nobody at your organization currently has the rights to add/remove Dashboard accounts, please reach out to use at [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org).



The screenshot shows the 'User Management' interface. At the top right, there are links for 'Sample File', 'Import', and 'View Imports'. Below these is a search bar labeled 'Search by organization...' and a dropdown menu showing 'ehealthexchange'. The main part of the interface is a table with the following columns: '#', 'Email', 'First Name', 'Last Name', 'MFA', 'Active', and 'Organization'. There is one user listed: Kathryn Bingman, with email kbingman@ehealthexchange.org. Both the MFA and Active status columns for this user show a green checkmark in a circle, indicating they are enabled.

#	Email	First Name	Last Name	MFA	Active	Organization
1	 kbingman@ehealthexchange.org	Kathryn	Bingman			

## Your Hub Dashboard – Your web portal providing interoperability insights.



- Identify transaction volume, response times, drill-down, & download.
- Who is querying your organization?
- Where are your clinicians searching?
- How much care occurs outside your organization?





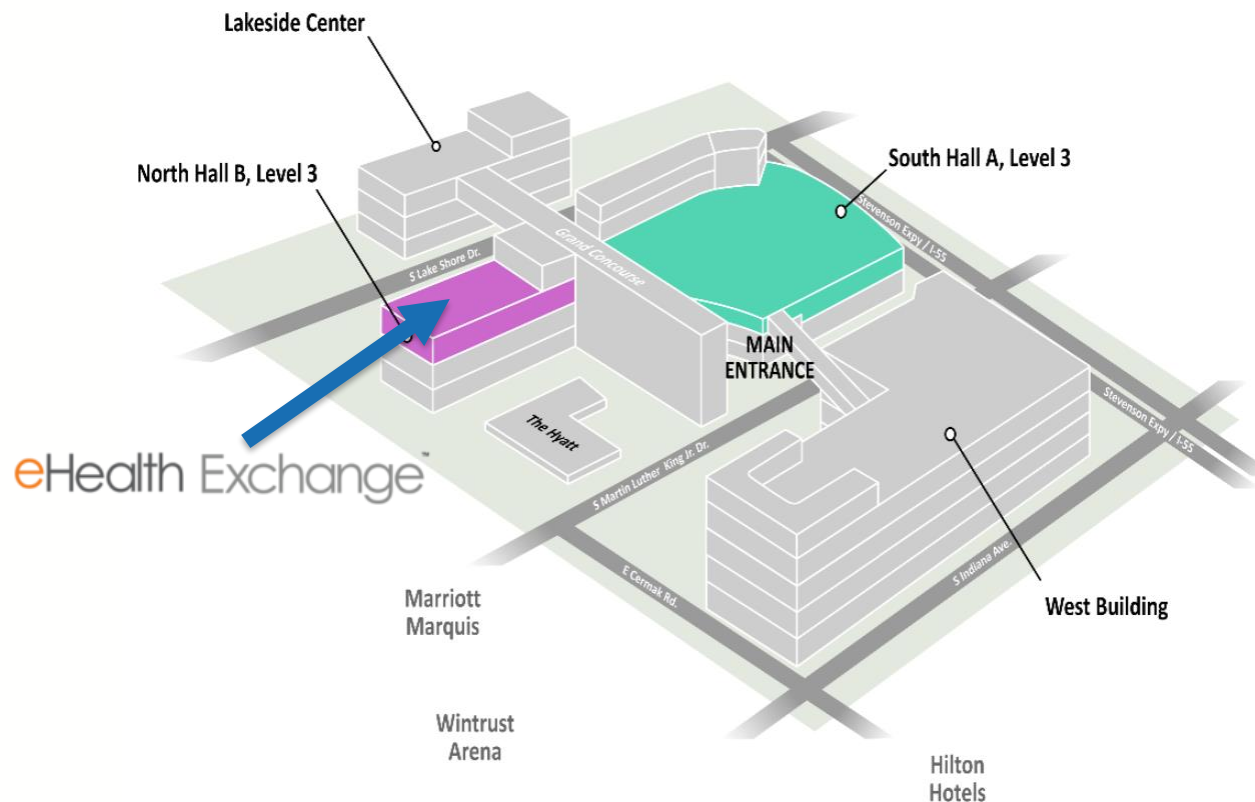
# HIMSS 2023

Mon, Apr 17 – Fri, Apr 21

eHealth Exchange<sup>TM</sup>

# Join Us At HIMSS23 in Chicago

Visit us at Booth 7927 in  
(North Building, Hall B)

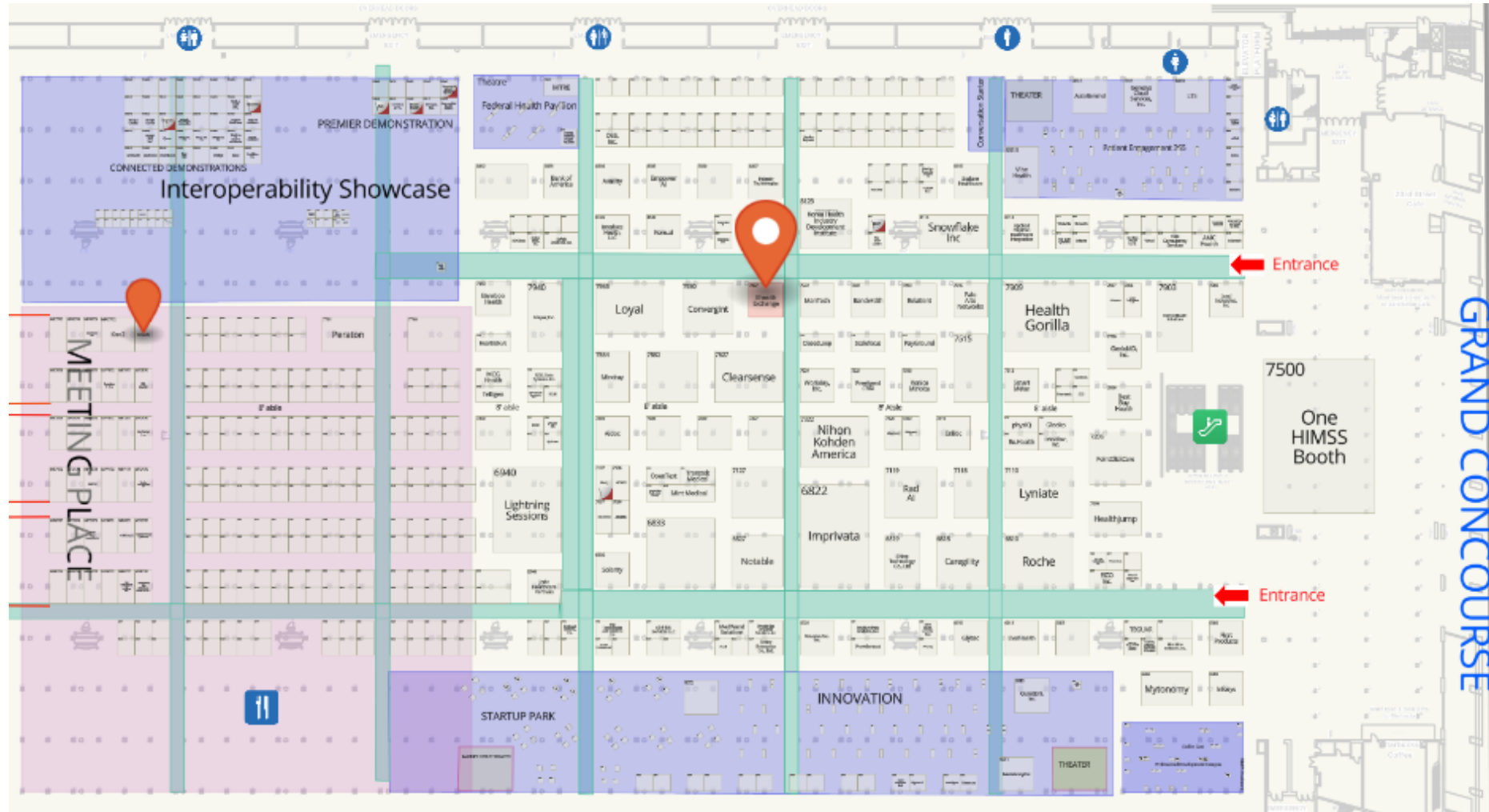


## HIMSS Discount

Our members receive the HIMSS member rate to attend. Here's how to register:

1. Visit HIMSS23 general registration and sign in: <https://www.himss.org/global-conference/registration-info-pricing>.
2. Once you're signed in, start your registration. Be sure to select the Collaborator tab on the left-hand side when prompted.
3. Select your preferred HIMSS23 pass and enter "eHealth Exchange" as the "Referring Collaborator Organization" to receive the HIMSS member rate on registration.

# Join Us At HIMSS23 in Chicago!



Visit us at Booth  
**7927**  
(North Building, Hall B)





# Please Engage!

We'd love to hear from you.

eHealth Exchange<sup>TM</sup>

# Technical Work Group

**Thursdays 4-5pm Eastern:** email [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org) for an invite

## 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](#)]

## How might I obtain additional information?

How	When	Where
Visit eHealth Exchange Website	Any time	<a href="https://ehealthexchange.org">https://ehealthexchange.org</a>
Monthly Participant Web Meetings	3rd Thursday of Each Month at 1 pm ET	<a href="https://ehealthexchange.org/events">https://ehealthexchange.org/events</a>
Weekly Technical Workgroup	Thursdays 4-5 ET	<a href="https://ehealthexchange.org/events">https://ehealthexchange.org/events</a>
Email	Any time if you have a specific question	<a href="mailto:administrator@ehealthexchange.org">administrator@ehealthexchange.org</a>

## How might I obtain assistance?

How	Who	Where
Certificates	Direct Trust Support	<a href="mailto:support@directtrust.zohodesk.com">support@directtrust.zohodesk.com</a>
Hub and Hub Dashboard Assistance	Hub Service Desk	<a href="mailto:servicedesk@hub.ehealthexchange.org">servicedesk@hub.ehealthexchange.org</a>
Directory Assistance, setup, changes	Tech Support	<a href="mailto:techsupport@ehealthexchange.org">techsupport@ehealthexchange.org</a>
Testing Questions	Testing Team	<a href="mailto:testing@ehealthexchange.org">testing@ehealthexchange.org</a>
Questions about DURSA/OPP's	Administrator	<a href="mailto:administrator@ehealthexchange.org">administrator@ehealthexchange.org</a>



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