



# Pennsylvania eHealth Partnership Advisory Board Meeting

**May 5, 2023**



**PA PATIENT &  
PROVIDER NETWORK**  
PRIVATE & PROTECTED



**pennsylvania**  
DEPARTMENT OF HUMAN SERVICES

# This Session is being Recorded

## The Wiretap Act

It is against the law in Pennsylvania to record oral conversations without the permission of the individuals involved, in most circumstances.

## Consent to Recording

This session is being recorded for record-keeping purposes. By participating in this session, you are consenting to the recording of this session for preparation of meeting minutes. At any time if you have a question or comment, feel free to place that in the chat, and we will respond to you as soon as possible. If you would like to ask your question or to comment verbally – please note that by doing so, you are consenting to the recording of your statements for preparation of meeting minutes.

# Agenda

- 10 a.m. Welcome and Introductions
- 10:05 Minutes of May 5, 2023, Advisory Board Meeting
- 10:10 PA eHealth Partnership Program Initiatives
- 10:30 Health Information Exchange Trust Community Committee Updates
- 10:45 Possible DHS Incentives for Provider Participation with P3N HIOs
- 11:05 Opportunities to Leverage P3N Discussion
- 11:35 Central Pennsylvania Connect HIE Overview
- 12:00 PA NAVIGATE Vendor Selection and Communication Strategy Discussion
- 12:20 Networking Luncheon
- 1:00 Trusted Exchange Framework and Common Agreement (TEFCA) Impact
- 1:45 New Business
- 1:50 Public Comment
- 2 p.m. Adjournment



# Welcome and Introductions

**Paul McGuire**

Post-Acute Care Representative

and

PA eHealth Advisory Board Vice-Chair

# PA eHealth Advisory Board

Mr. MARTIN CICCOCIOPPO, Director, PA eHealth Partnership Program  
Pennsylvania Department of Human Services (Secretary of DHS Designee)

Ms. PAMELA E. CLARKE, Senior Director, Quality, Health Promotion Council  
(House Appointed HIO Representative)

Mr. JOSEPH FISNE, Associate Chief Information Officer  
Geisinger Health System (Senate Appointed HIO Representative)

Mr. SCOTT FRANK, Chief Information Officer  
Capital Blue Cross (Insurer Representative)

Dr. BRIAN HANNAH, formerly Vice President, Chief Medical Information Officer  
Mercy Health (Hospital Representative)

Dr. TIMOTHY HEILMANN, Chief Medical Information Officer  
UPMC Susquehanna (Physician or Nurse Representative)

Ms. TERI L. HENNING, Chief Executive Officer  
Pennsylvania Homecare Association (Home Care or Hospice Representative)

# PA eHealth Advisory Board continued

Ms. MUNEEZA IQBAL, Deputy Secretary for Health Resources and Services  
Pennsylvania Department of Health (Secretary of Health Designee)

Ms. JULIE KORICK, Director of Finance & Business Development  
Pennsylvania Association of Community Health Centers (Underserved Representative)

Ms. MINTA LIVENGOOD, Vice Chair, Consumer Subcommittee of the MAAC  
(Consumer Representative)

Mr. PAUL MCGUIRE (Vice Chair), Chief Operating Officer, Quality Life Services  
(Post-Acute Care Facility Representative)

Ms. KATIE MERRITT, Policy Director, Pennsylvania Insurance Department  
(Insurance Commissioner Designee)

Dr. MICHAEL A. SHEINBERG, Chief Medical Information Officer  
Penn Medicine Lancaster General Health (House Appointed HIO Representative)

VACANT - Consumer Representative

VACANT - Chair

# Ex Officio Members

Ms. PHYLLIS SZYMANSKI, President  
ClinicalConnect HIE (Nominated as Senate HIO Appointee)

Mr. DON REED, Chief Operating Officer  
HealthShare Exchange (Nominated as House HIO Appointee)

# PA eHealth Partnership Program Initiatives

**Martin Ciccocioppo, MBA MHA**

**Director**

Pennsylvania eHealth Partnership Program

Office of Medical Assistance Programs

Pennsylvania Department of Human Services



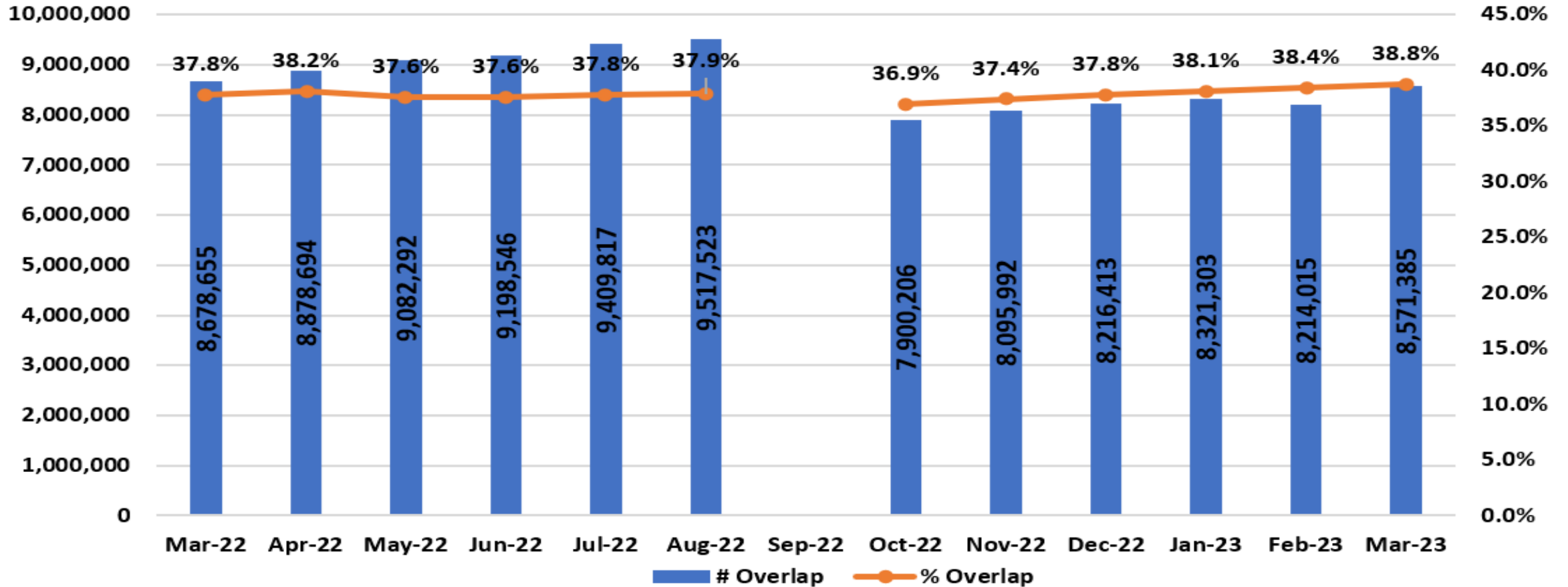
# P3N Linking Rate

Linking Rate (Patients Linked to More Than One Data Source

[Health Information Organization - HIO])

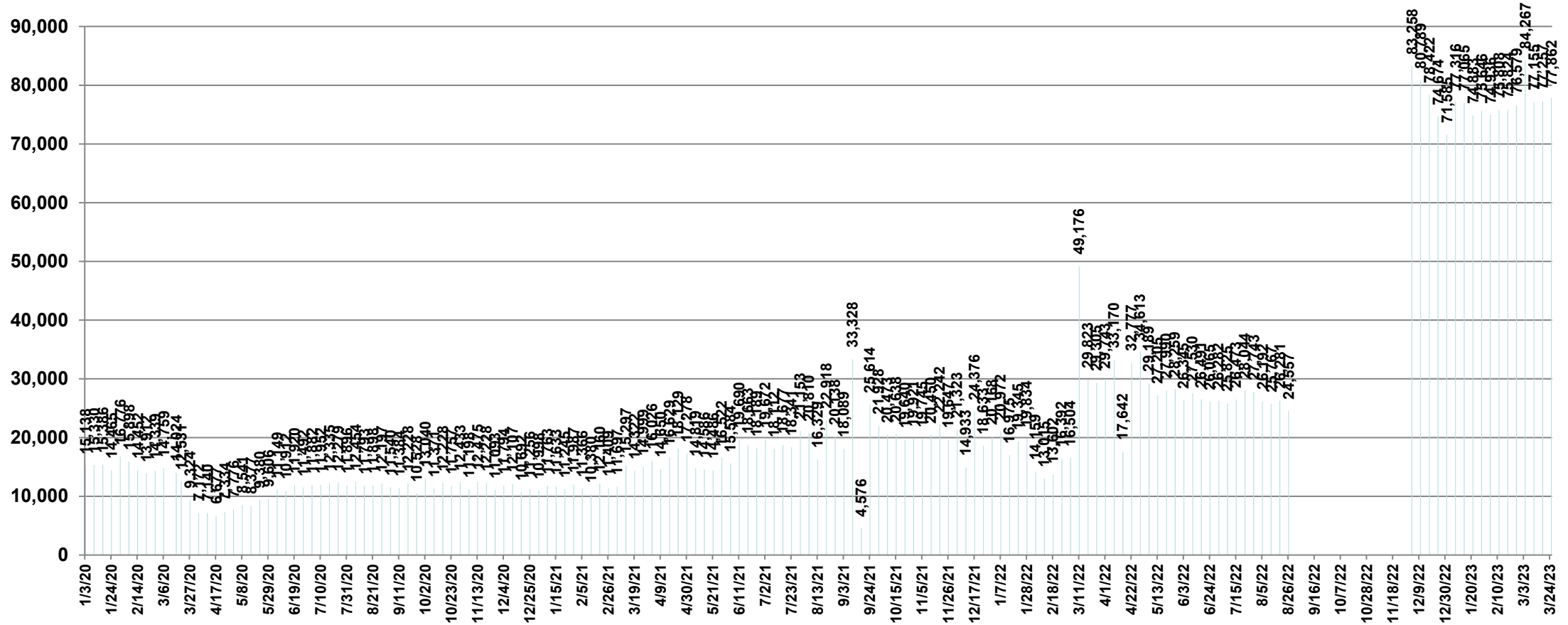
Target 40.0% Linked Status **Yellow**

Target 9,000,000 Patients Linked Status **Yellow**



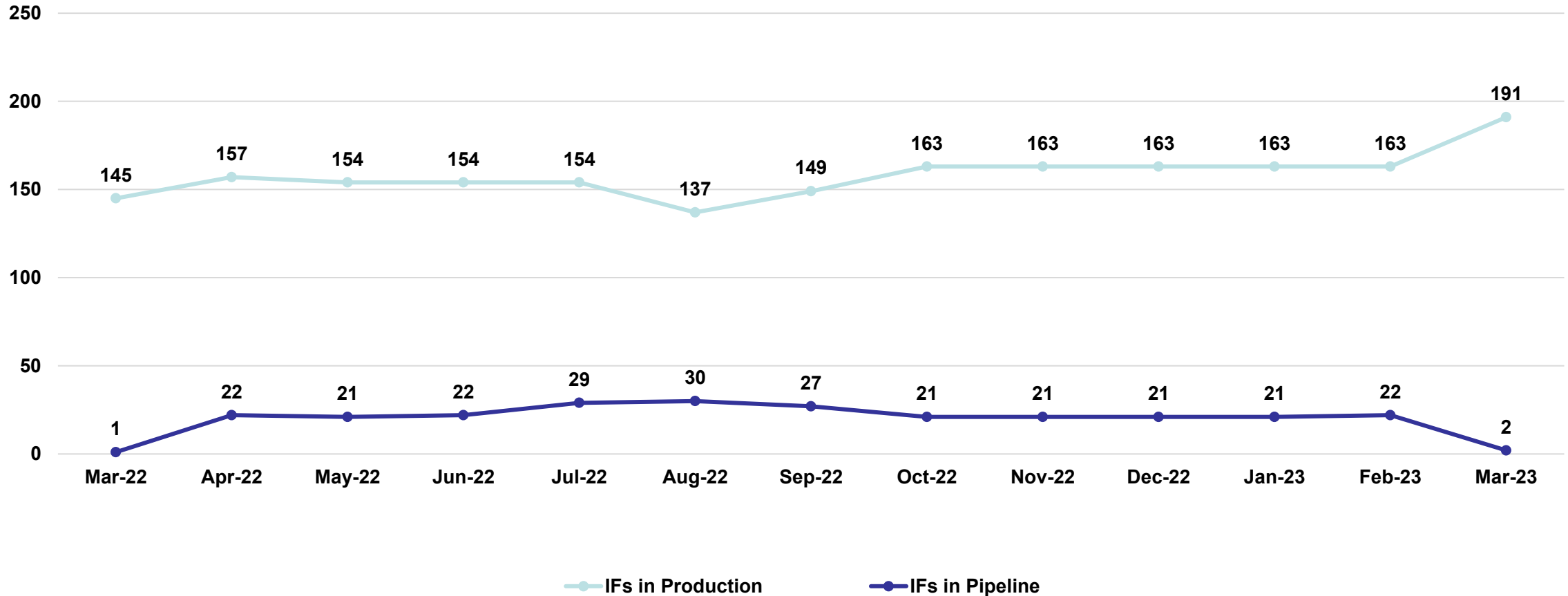
# Unique Persons Served by P3N ADT Service

Weekly # of Unique Persons' ADTs sent by P3N to HIOs



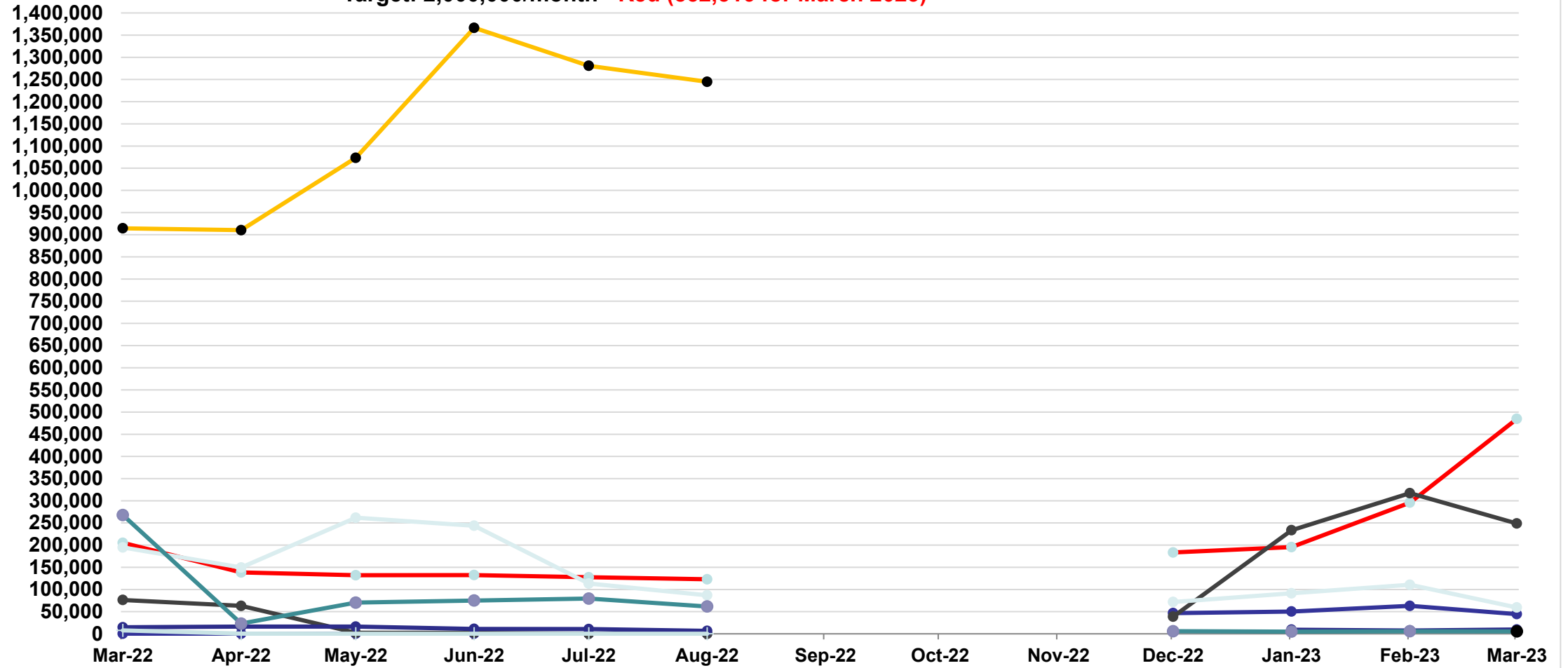
# P3N ADT Service Participation

P3N Statewide Encounter Notification Service  
Inpatient Facilities in Production or Pipeline  
Target: 150 in production Status **Green**



### Total # of successful inbound Participant document retrieves P3N processed

Target: 2,000,000/month - Red (852,516 for March 2023)



	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
KEYHIE	205,146	138,381	132,099	132,435	127,545	122,943				183,355	195,579	295,834	484,697
CCHIE	256	246	349	360	316	272				46,776	50,209	63,023	44,476
HSX	76,365	62,979	2,303	2,176	0	0				38,674	233,652	317,181	248,781
Mt. Nittany	914,393	910,280	1,073,452	1,366,464	1,280,928	1,244,865							
CPCHIE	194,786	149,464	261,775	243,792	113,371	86,876				71,764	91,398	110,567	59,304
PA DOC	14,726	16,193	16,295	11,044	10,662	6,650					9,310	7,574	9,716
P3N Web Portal	7,830	456	136	176	167	247							
LVHN	267,845	23,090	70,369	74,986	79,490	61,644				5,878	4,935	5,792	5,542

# HIE Trust Community Updates

**Brian Wells**

Vice President, CTO, CISO

HealthShare Exchange

# HIE Trust Community Committee

## Chairperson:

- Phyllis Szymanski, President, ClinicalConnect HIE

## HIE Trust Community Committee Meeting Summaries:

- HIETCC Meeting Agenda, April 5, 2023
- HIETCC Meeting Minutes, March 1, 2023
- HIETCC Meeting Minutes, February 1, 2023

# HIE Trust Community Committee

## Topics covered/discussions w/continued focus on:

- RISE-PA – Grant Program for HIOs to Select Statewide RRT Vendor (RFA 03-22)
- Rebranding of RISE-PA to PA NAVIGATE
- Cognosante P3N Implementation/Transition
- CMS Streamlined Modular Certification
- Public Health Gateway (PHG) Transition
- Interstate Data Sharing – CRISP Onboarding to P3N ADT Service (MD, WV, CT, and DC)
- Leveraging Hospital Quality Incentive Programs to help close “white space”
- P3N Operations and Transparency
- New P3N Tableau Dashboards/Reports
- Trusted Exchange Framework and Common Agreement (TEFCA)
- P3N Fee Schedule for SFY 2023/2024
- Health Data Utility Concept/Model
- Lessons Learn from P3N Procurement and Implementation

# Possible DHS Incentives

**Dr. David Kelley**

Chief Medical Officer

Office of Medical Assistance Programs

Pennsylvania Department of Human Services



# Opportunities to Leverage P3N

**Michael Lundie**

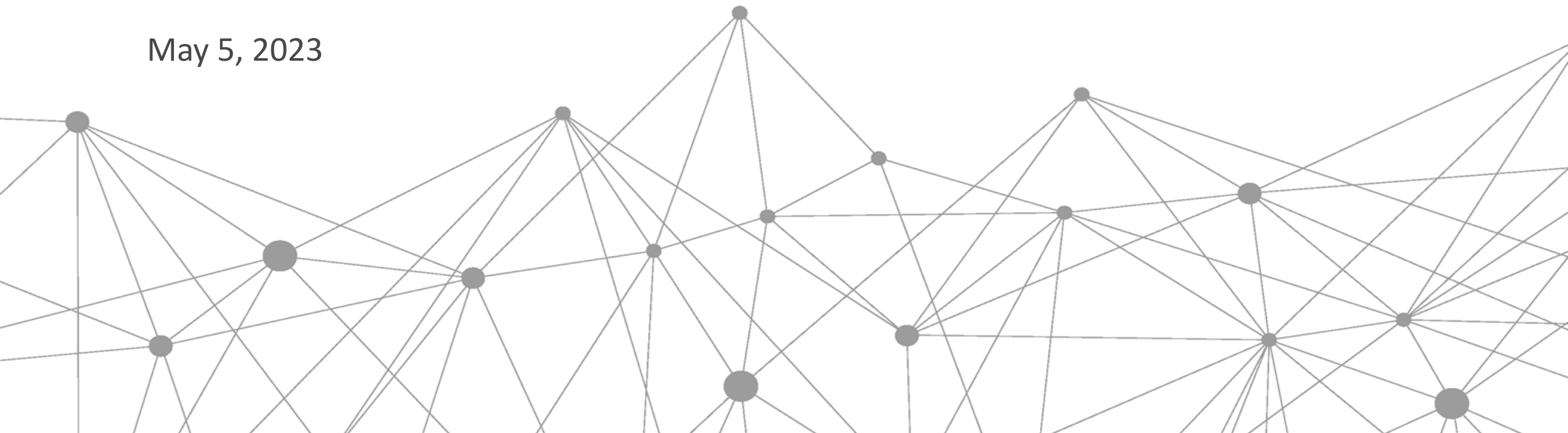
Vice President, Interoperability Engineering

Cognosante

# Opportunities to Leverage P3N - Discussion

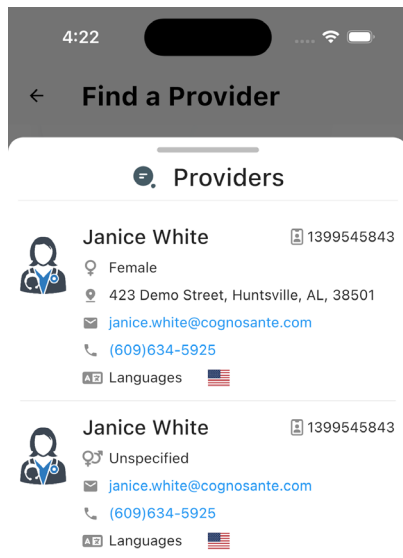
## Pennsylvania eHealth Partnership Advisory Board Meeting

May 5, 2023

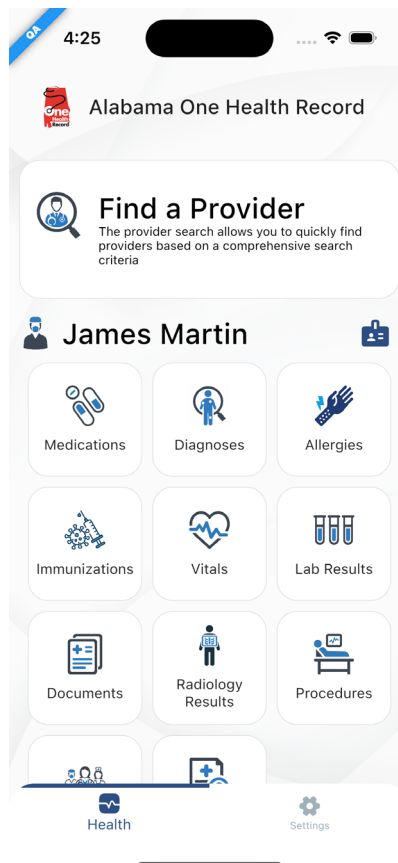


# Topics for Discussion – P3N Enterprise Applications

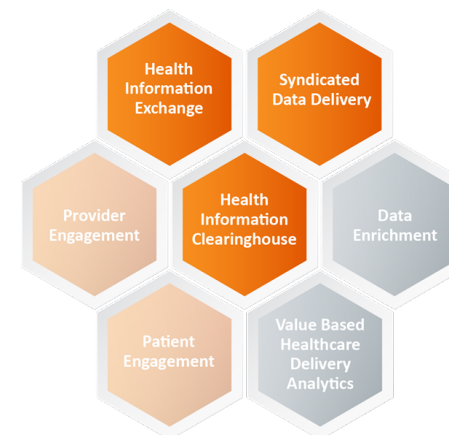
## P3N Provider Directory



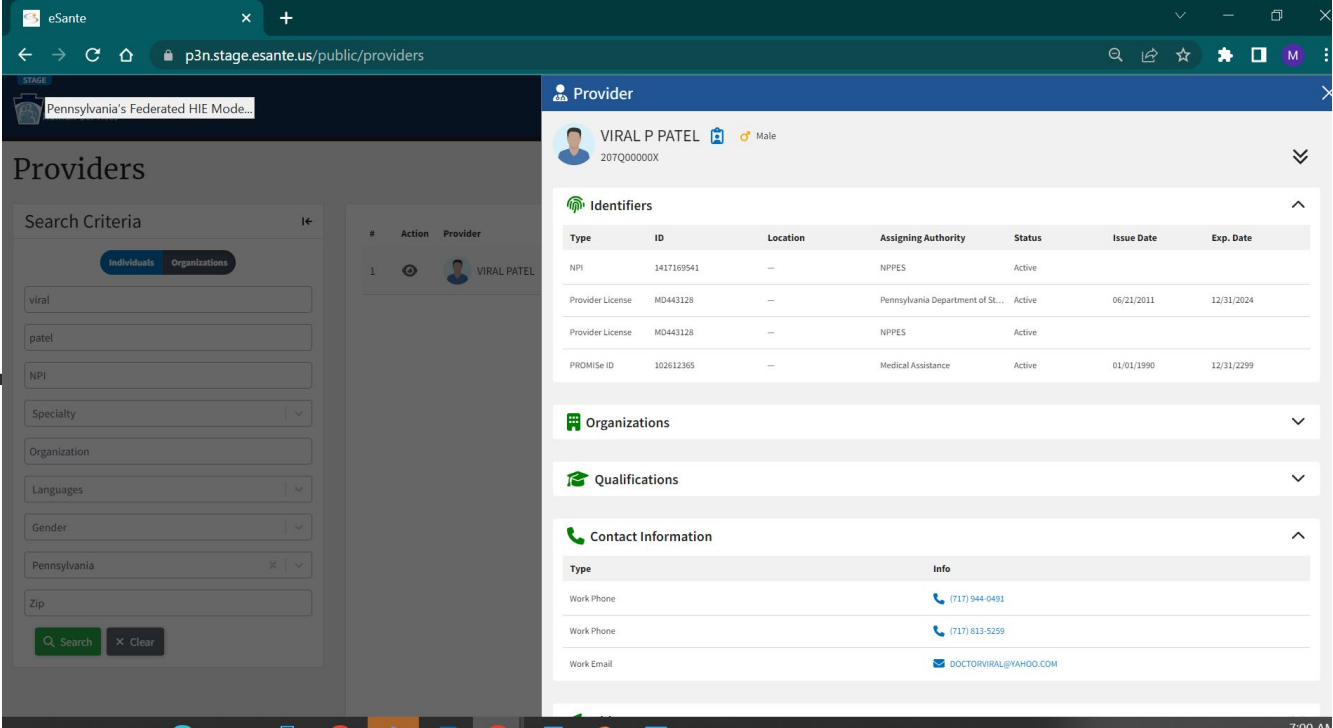
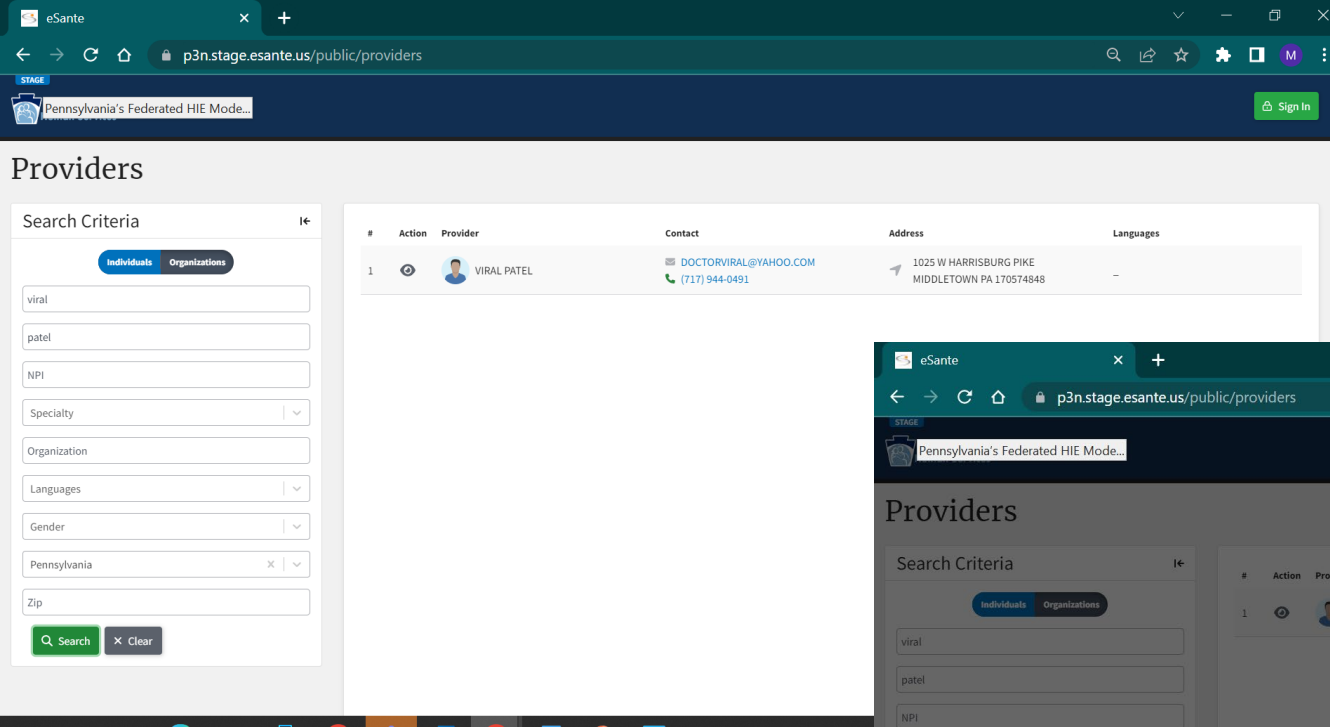
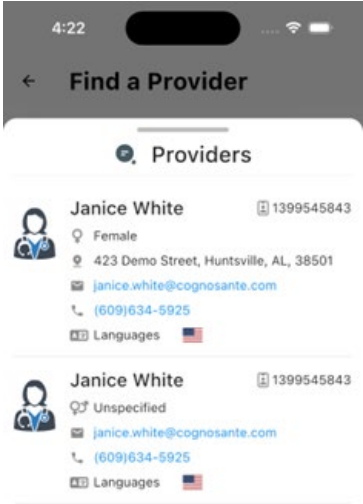
## eSante MyHealth App



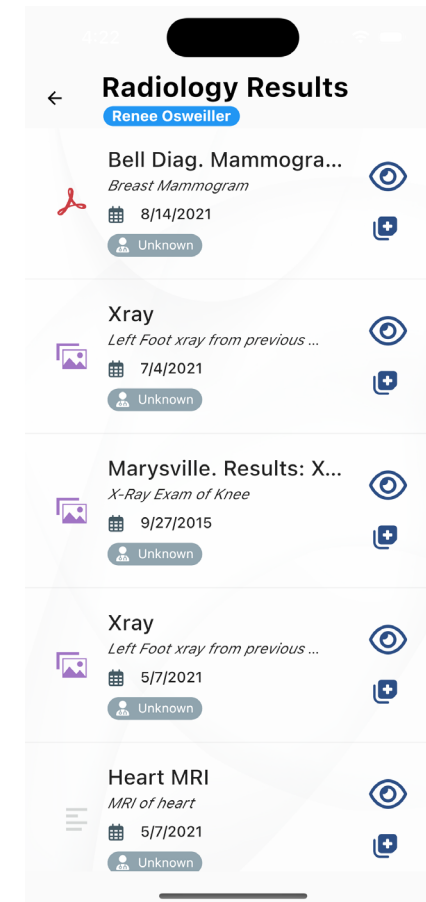
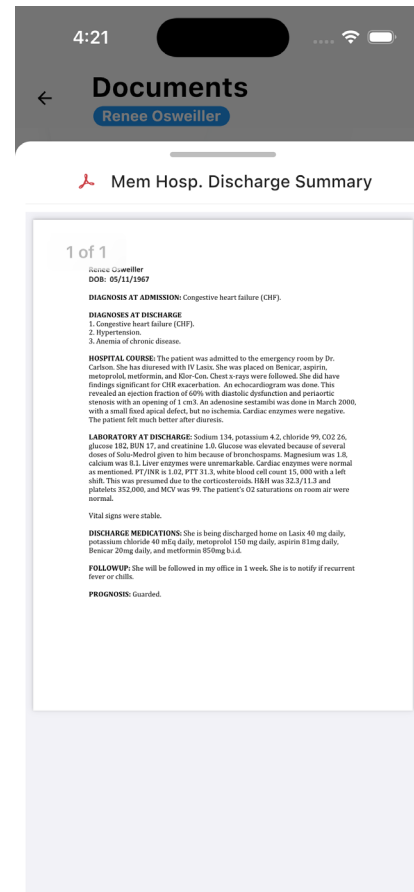
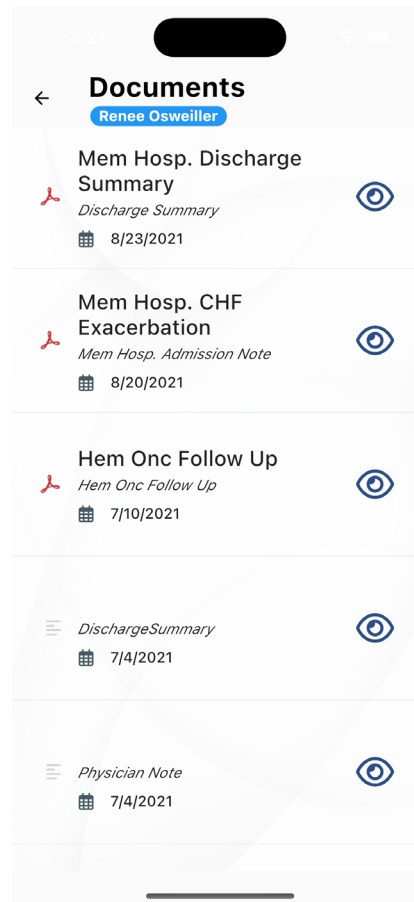
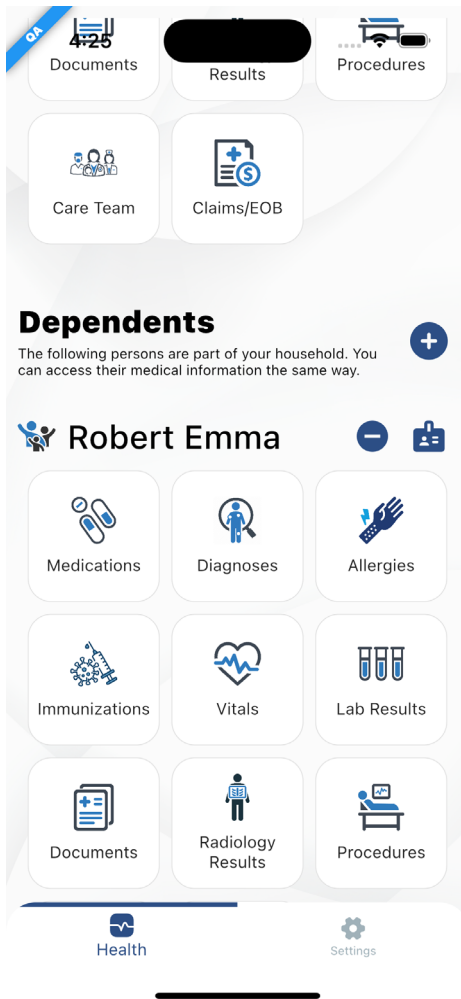
## P3N Health Information Clearinghouse



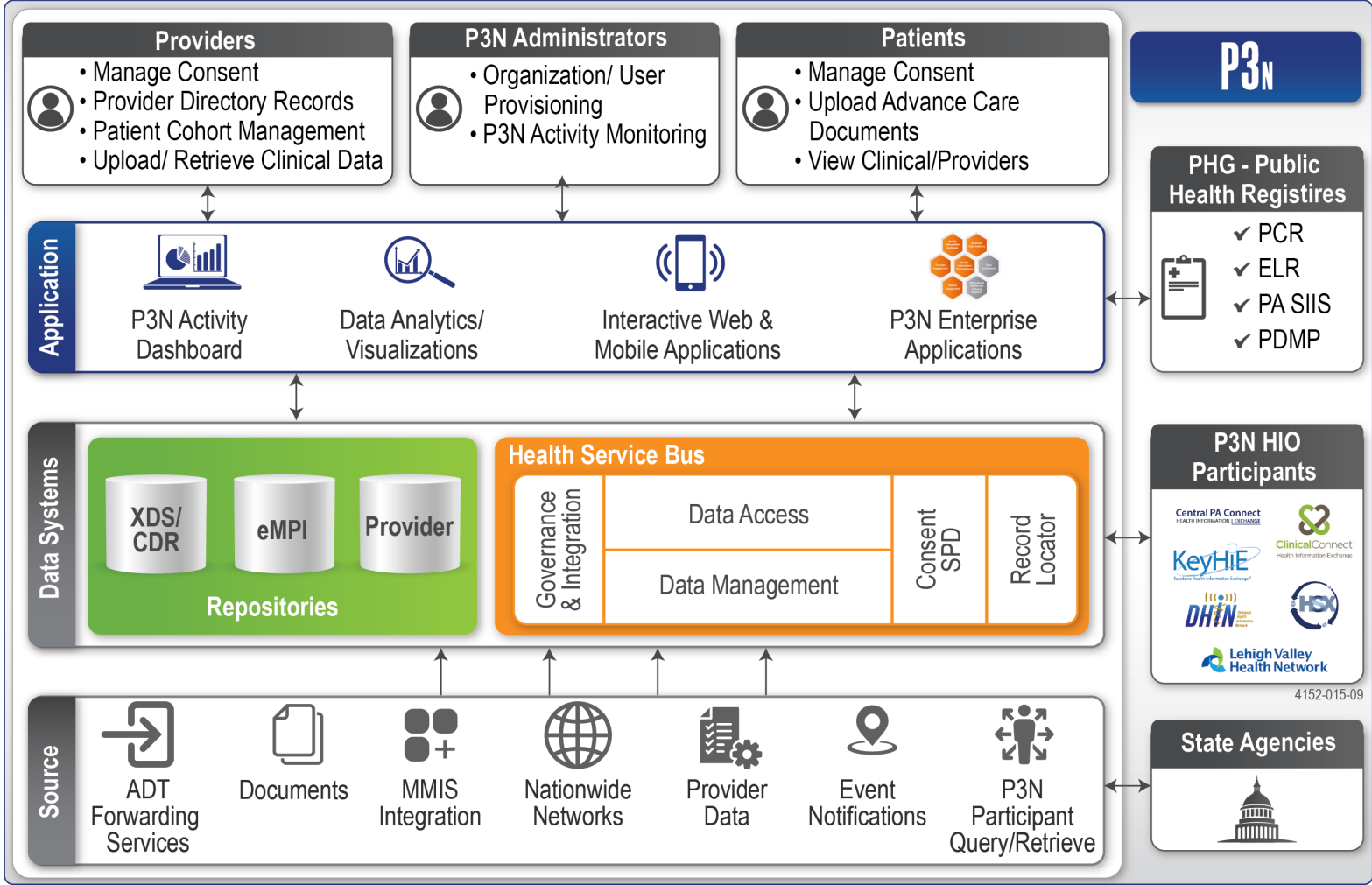
# P3N Provider Directory



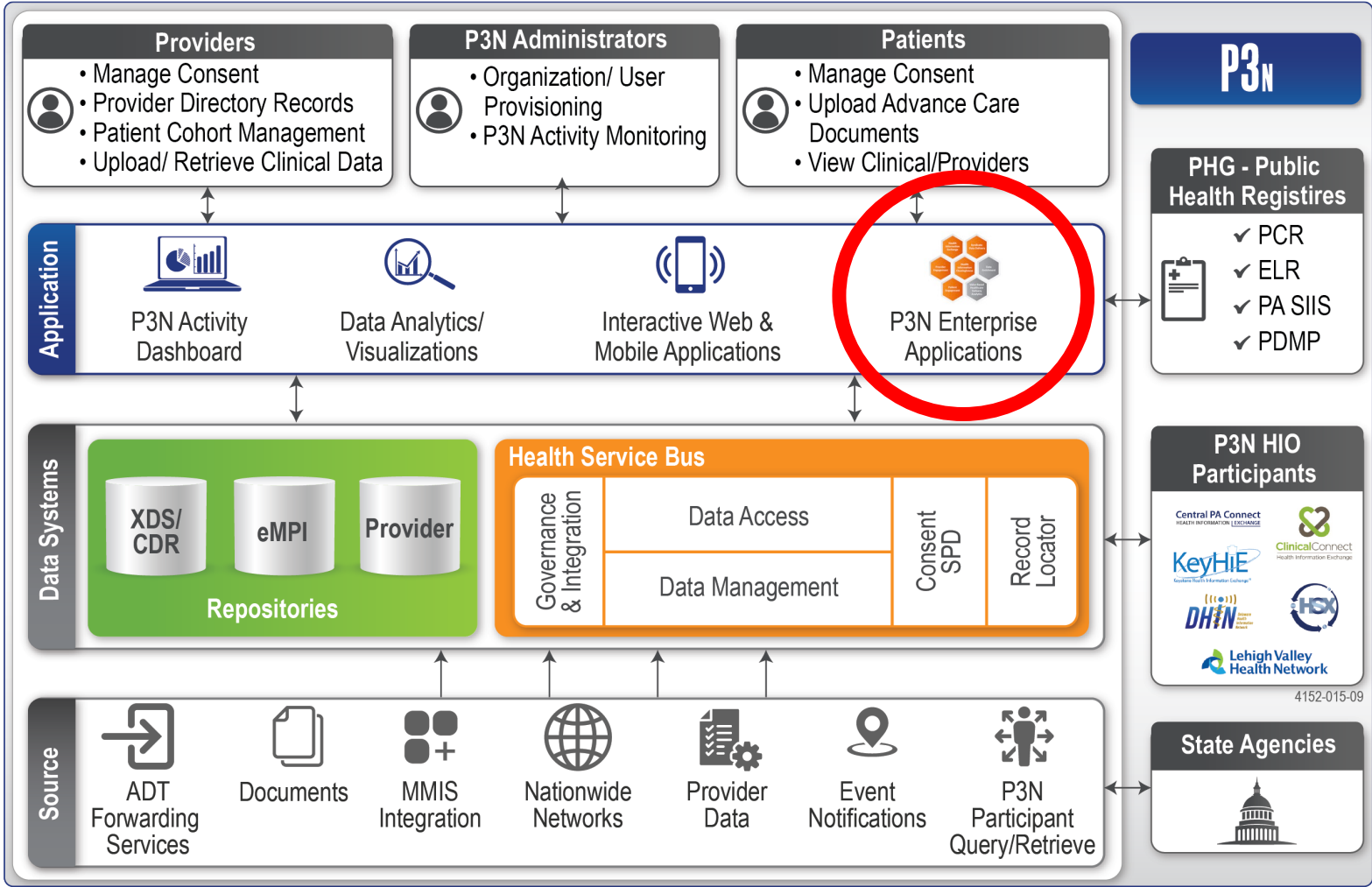
# eSante MyHealth APP



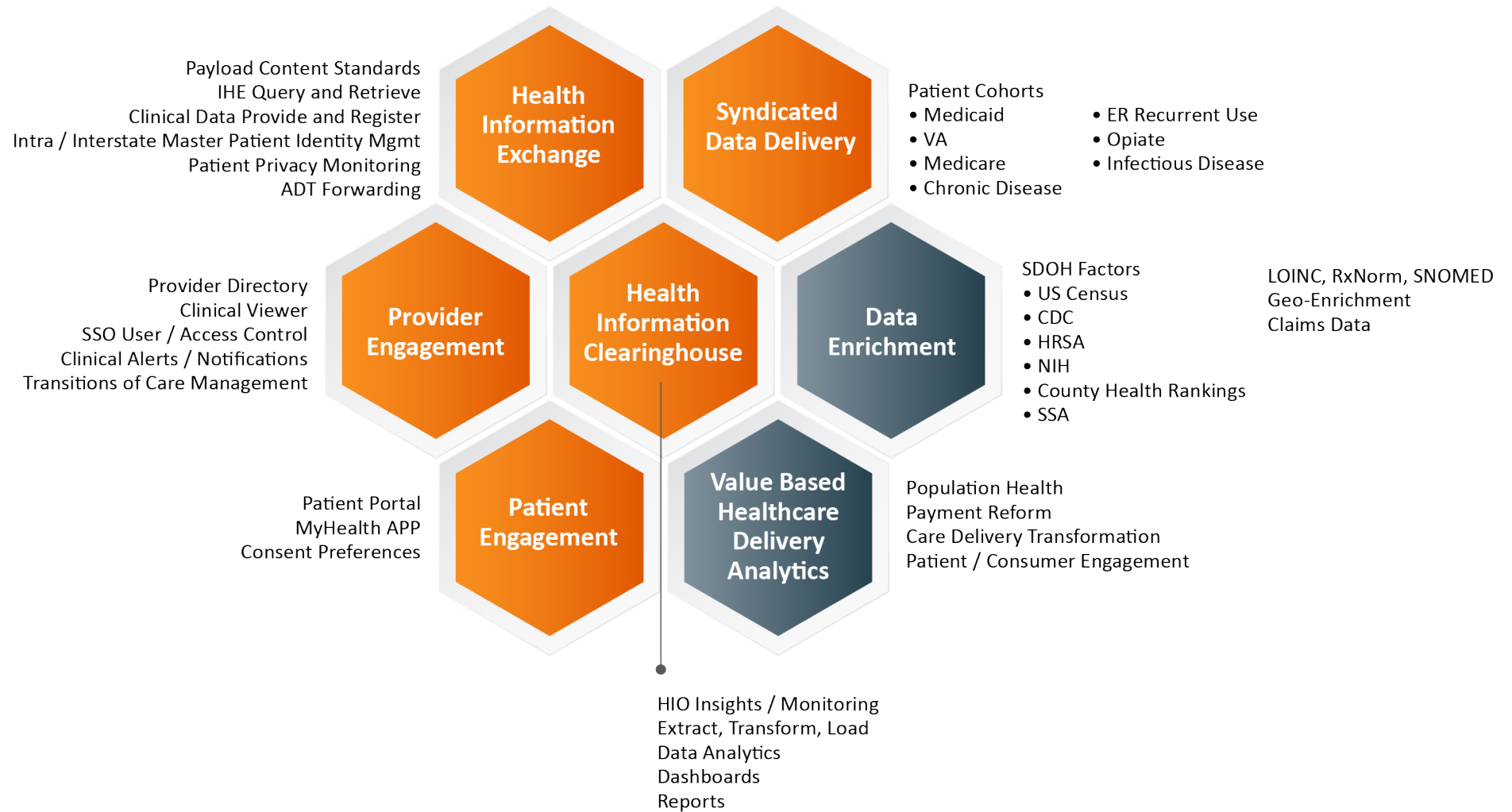
# P3N Functional Diagram



# P3N Functional Diagram



# P3N Enterprise Application - Health Information Clearinghouse





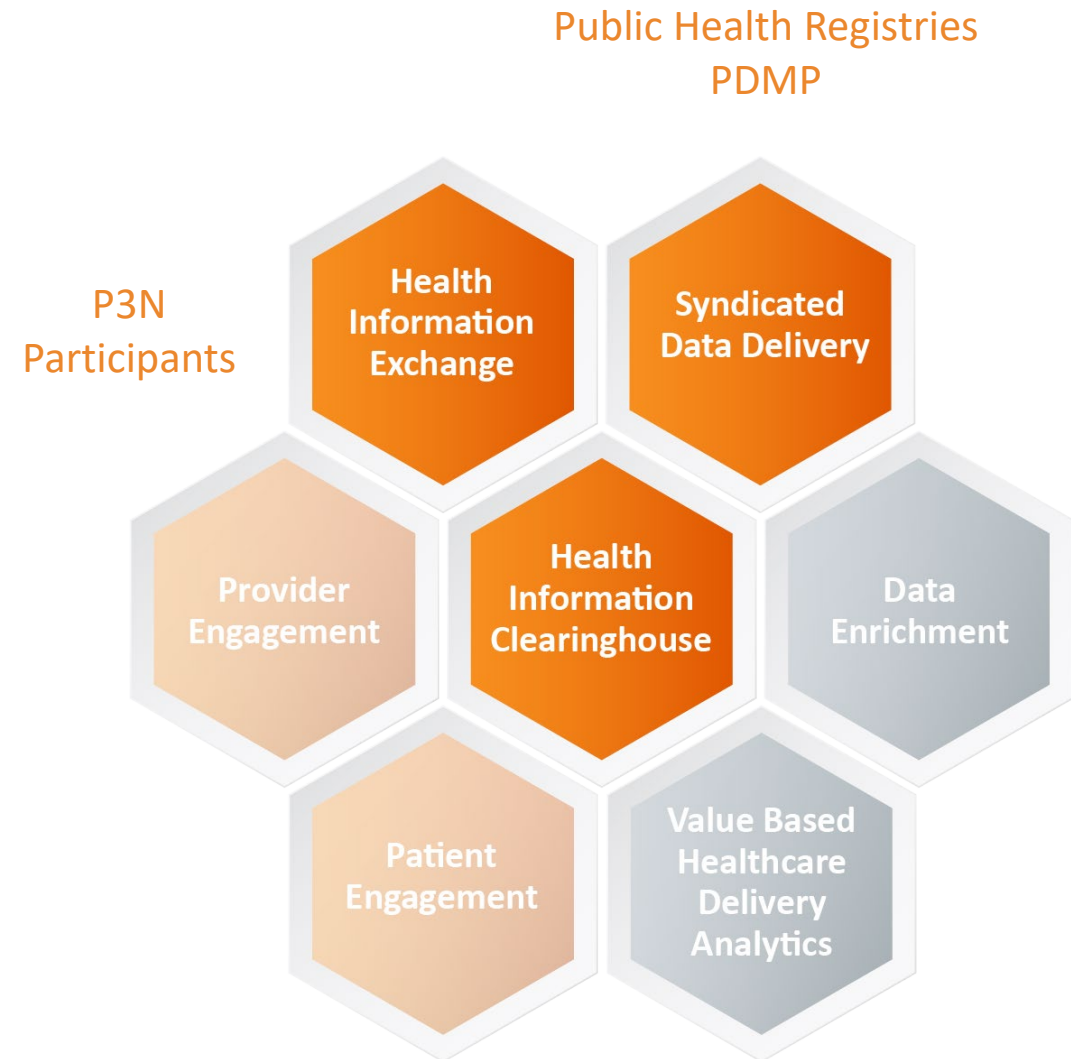
# Health Information Clearinghouse – Data Privacy / Governance

- Data Sharing Agreements / Policies / Guard Rails
- Security
  - Authorized Access Control
  - Data Encryption
  - HITRUST / ISO 20000-1, 27001, 9001
    - Services, Security Framework, Quality
- Patient Consent Management
- Super Protected Data Monitoring
  - Intra & Inter state
- Data Quality / Agreed upon Standards for Data Ingestion / Delivery
- HIO Participant Onboarding Processes



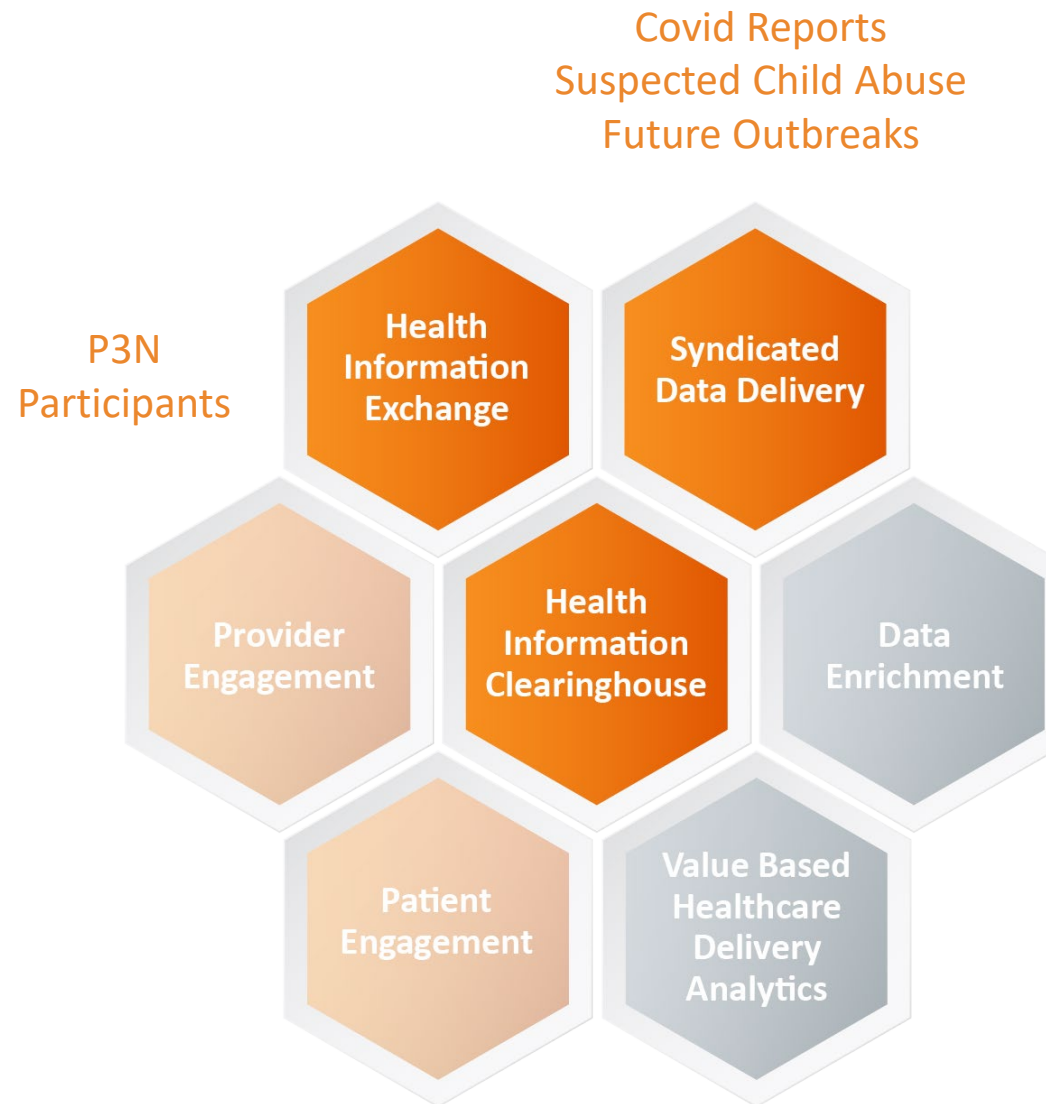
# Health Information Clearinghouse – PHG Unified Interoperability

- PHG Unified On-Ramp for P3N Participants
- Pass-Through Delivery of Clinical Payloads between P3N Participants and Registries
- Transaction Volume Analytics / Trends
  - HIO Participation Levels
  - Registry Delivery / Inquiry Volumes



# Health Information Clearinghouse – Patient Cohort Monitoring

- Admission, Data, Transfer (ADT) Selective Cohort Abstraction
  - Diagnosis Codes
  - Age Ranges
  - Zip Code / County
  - Gender
  - Provider
  - Data Source
    - P3N Participant
    - Data Contributor

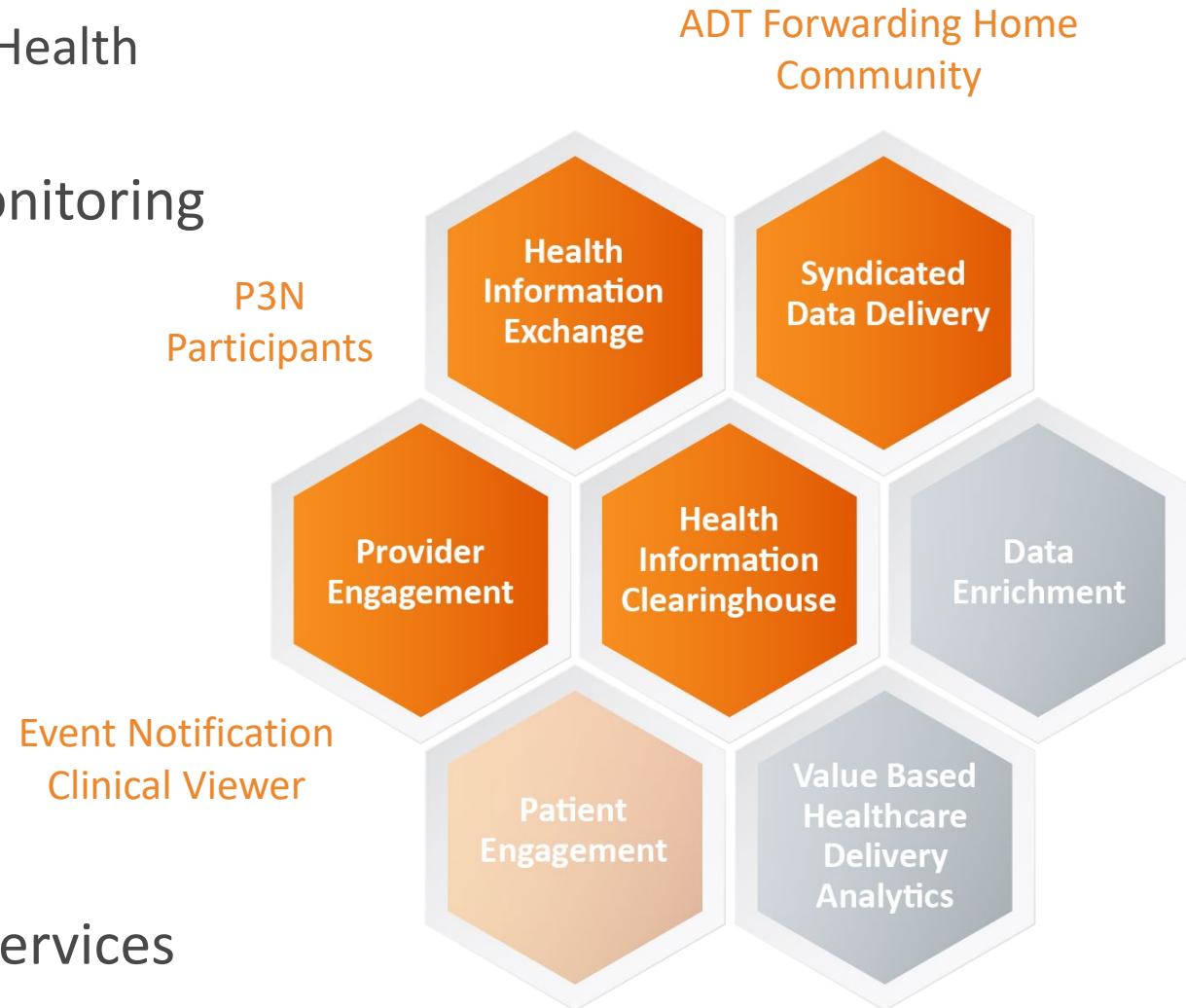


# Health Information Clearinghouse – Patient Cohort Monitoring

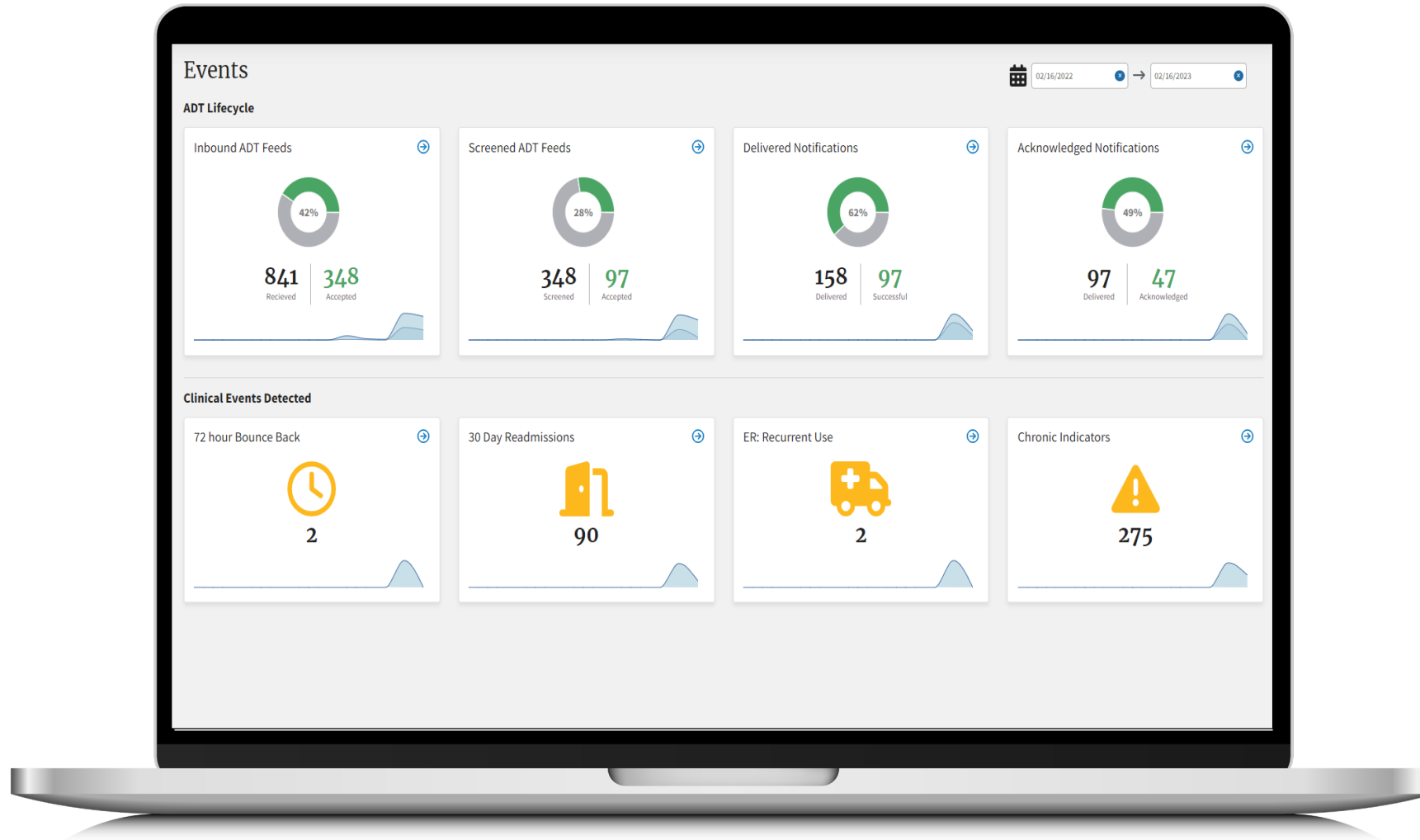


# Health Information Clearinghouse – Event Notification Monitoring

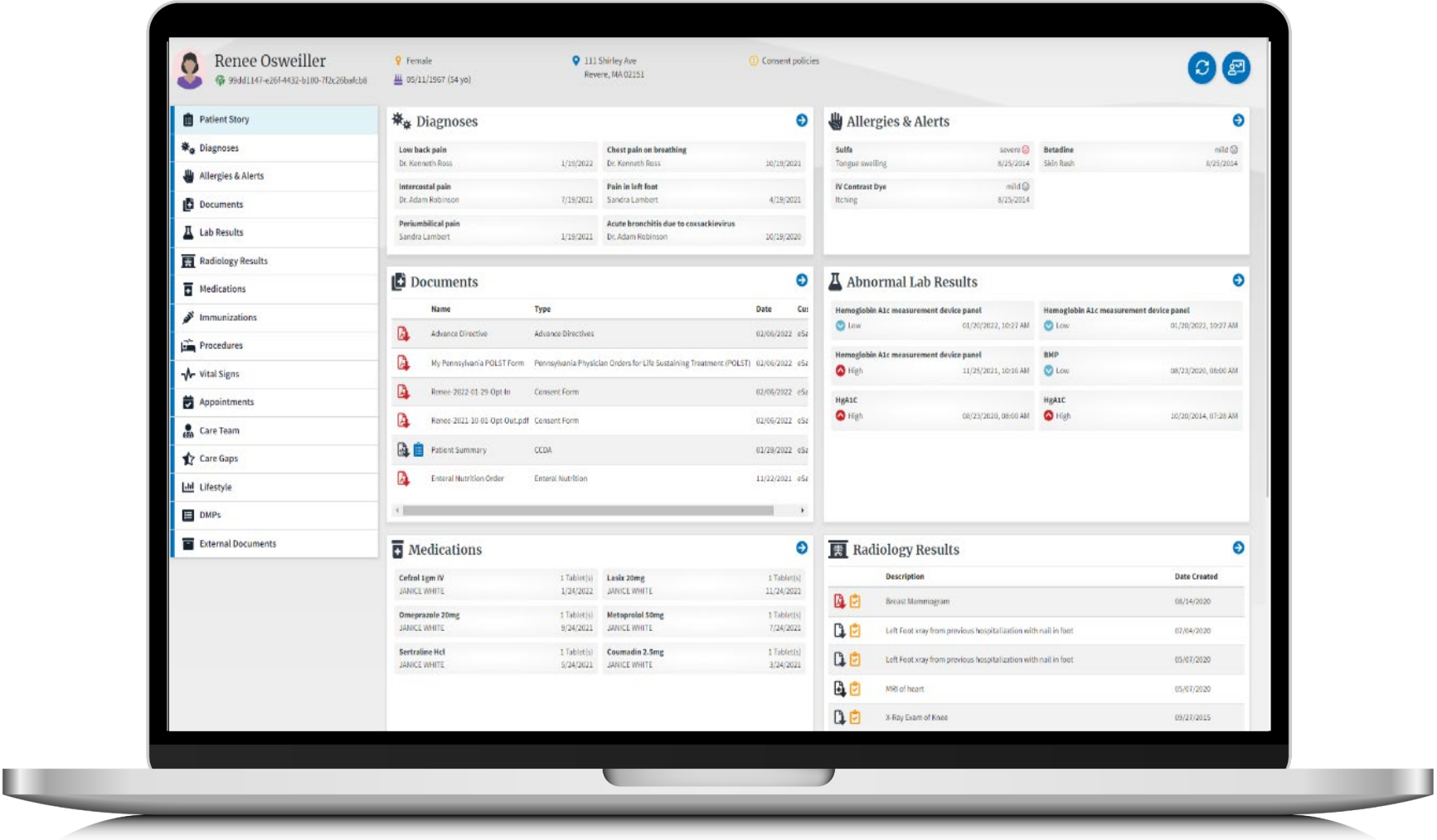
- Subscription Based
  - Provider / Care Manager / Public Health Screening ADTs
- At-Risk Patient Cohort Roster Monitoring
  - Admissions
  - Discharges
  - Diagnosis Code Cohort Screening
  - 30 Day Readmissions
  - 72 Hour Bounce-Backs
  - ER Recurrent Use
  - Acknowledgments
- Integrated Clinical Viewer
- Conditions of Participation ENS services



# Health Information Clearinghouse – Event Notification Monitoring

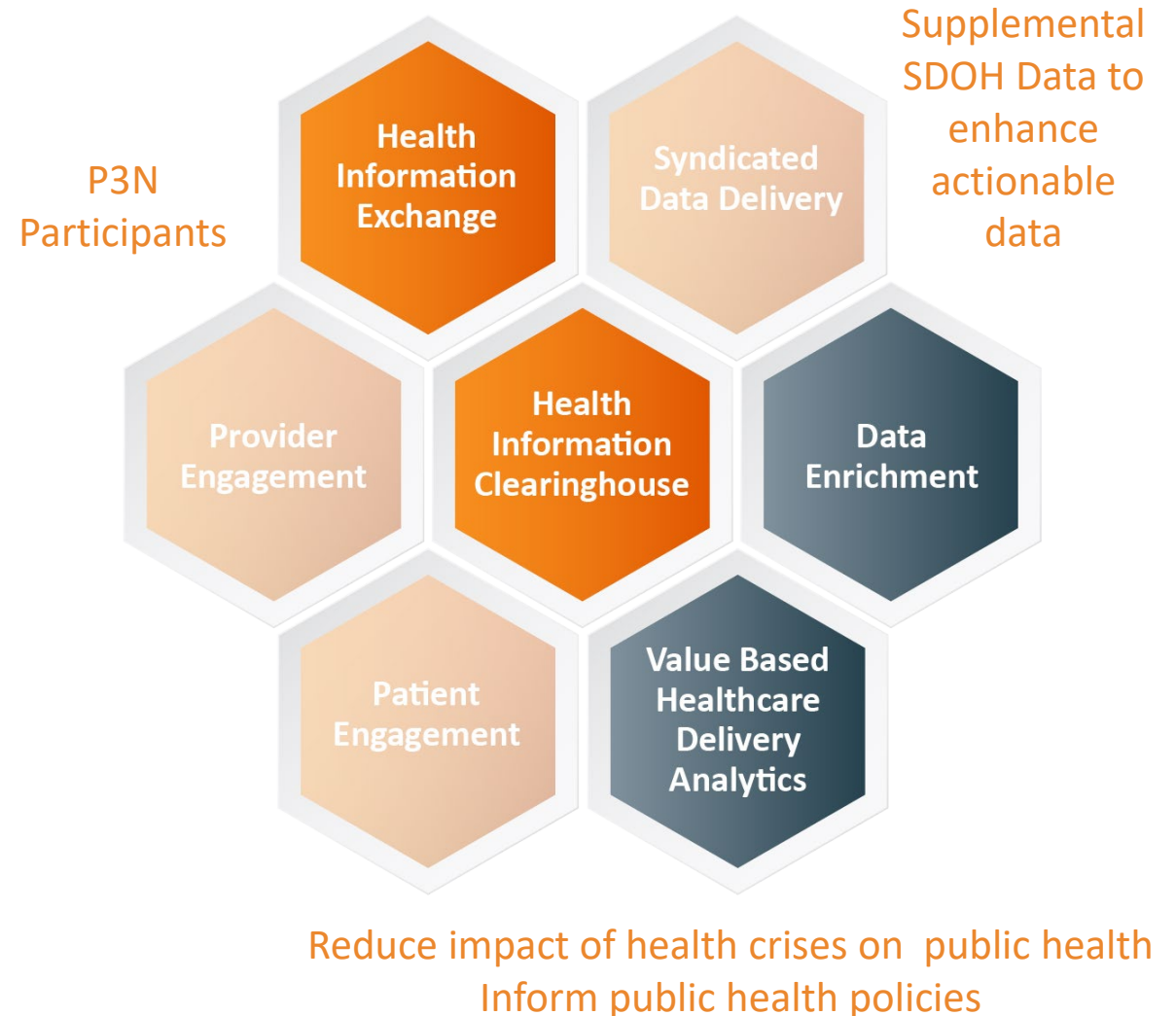


# Health Information Clearinghouse – Event Notification Monitoring



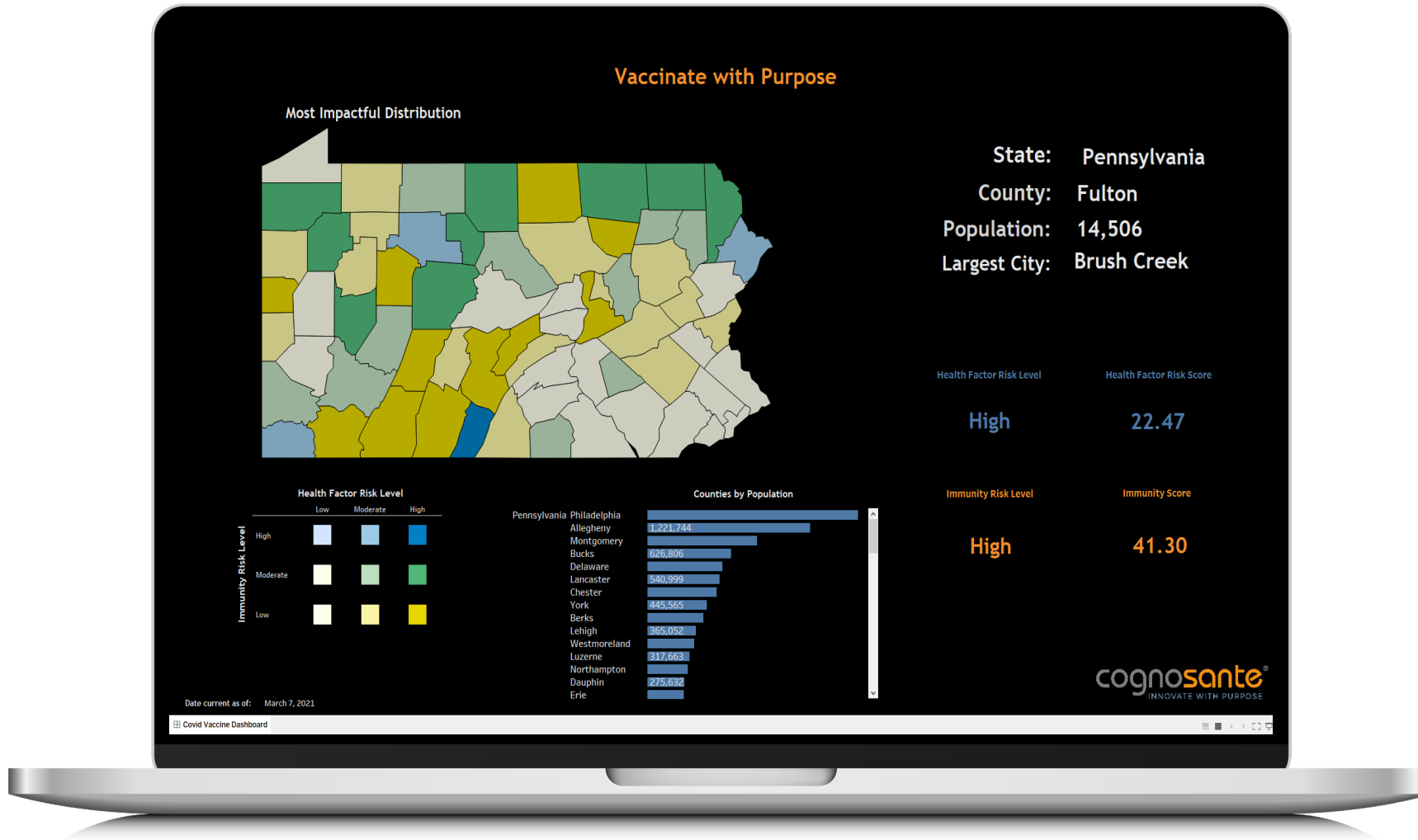
# Health Information Clearinghouse – Patient Cohort Analysis / Predictive Modeling

- At-Risk Patient Cohort Analysis
  - Demographics
  - Health Factors (i.e., -Immunization status, Comorbidities)
- Data Enrichment
  - Geographics disparities
  - Income
  - Housing
  - Environmental Hazards
- Predictive Analytics
  - Identify Patterns, Trends, Risks
  - Track Rise or Fall of cases in a particular region
  - Identify hotspots
  - Monitor changes in demographics





# Health Information Clearinghouse – Patient Cohort Analysis / Predictive Modeling



# Questions?

Michael Lundie –  
[michael.lundie@cognosante.com](mailto:michael.lundie@cognosante.com)



# Central Pennsylvania Connect HIE Overview

**Dr. Michael Sheinberg**

Chief Medical Information Officer

Penn Medicine Lancaster General Health

# Central PA Connect Update

Dr. Michael Sheinberg

May 5, 2023

# 2022/2023 Updates

## ▶ Welcomed 2 Large Health System Members



## ▶ Current Membership

- 3 Health Systems
- 5 Provider Offices
- 8 Post Acute Long Term Care Facilities
- Penn Medicine Lancaster General Health's Community Connect Partners (18 physician practices, 2 Hospitals & 2 Ambulatory Surgical Facilities)



**Central PA Connect**  
HEALTH INFORMATION | EXCHANGE

# Volumes

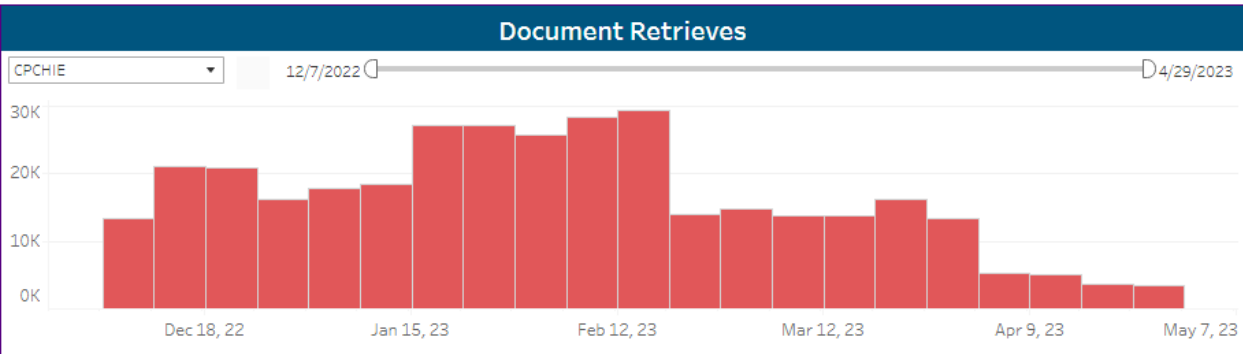
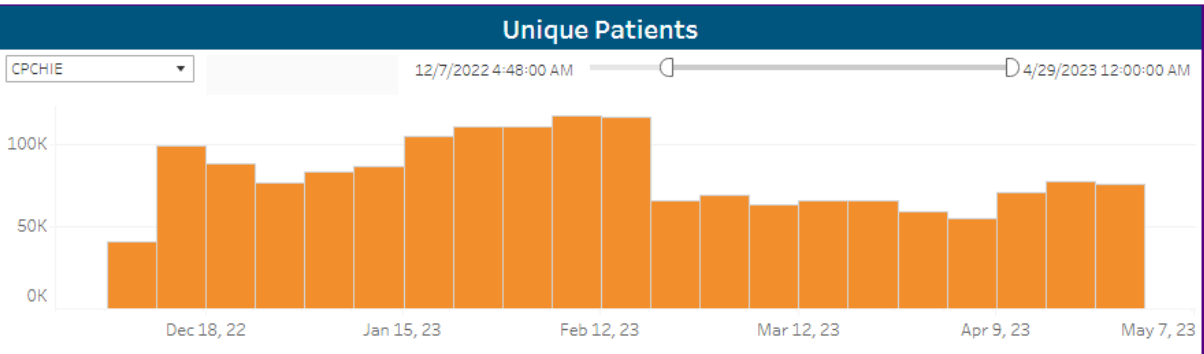
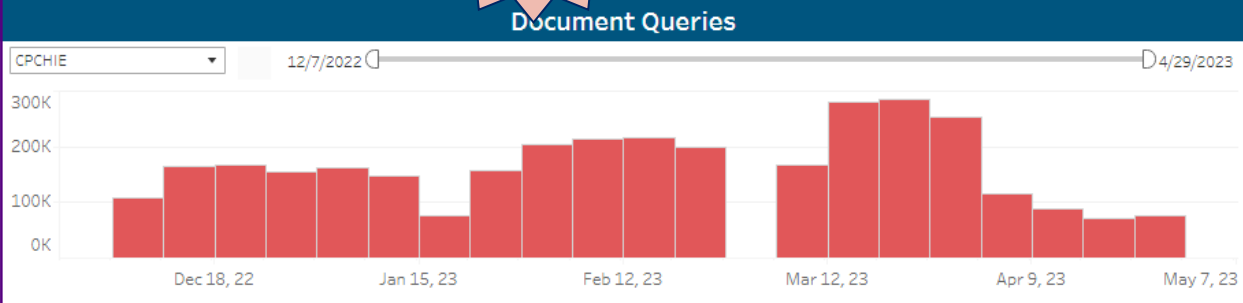
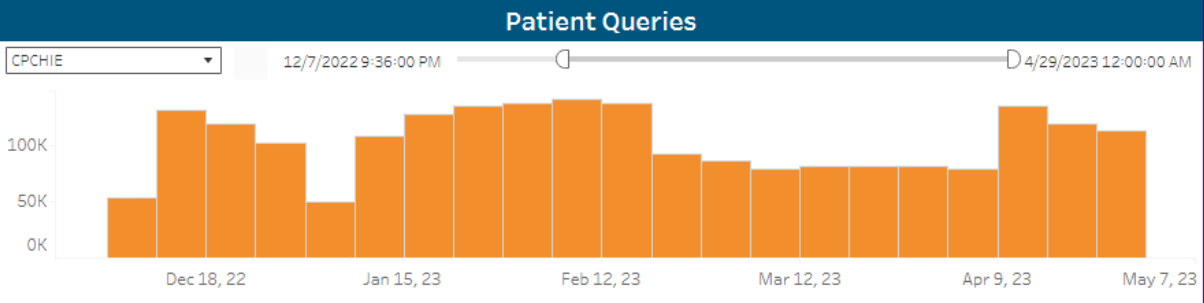
(Based on 12/7/22 – 4/29/23)

## P3N Interoperability Report



Total Patient Queries: CPCHIE	Total Unique Patients: CPCHIE	Total Document Queries: CPCHIE	Document Retrieves: CPCHIE
2,210,403	1,708,802	3,318,886	349,882

36% of total P3N queries



Powered By eSante

# Current Initiatives

- ▶ PA NAVIGATE – State-wide Resource & Referral Tool Selection & Rollout
- ▶ Onboarding of PALTC facilities to the ADT service.
- ▶ Continued expansion of member organizations to assist in closing the gap in the “Whitespace Regions” of Pennsylvania.

# Central PA Connect

HEALTH INFORMATION | EXCHANGE





# TEFCA Impact on HIE

**Kay Shaffer**

P3N Project Manager

PA eHealth Partnership Program

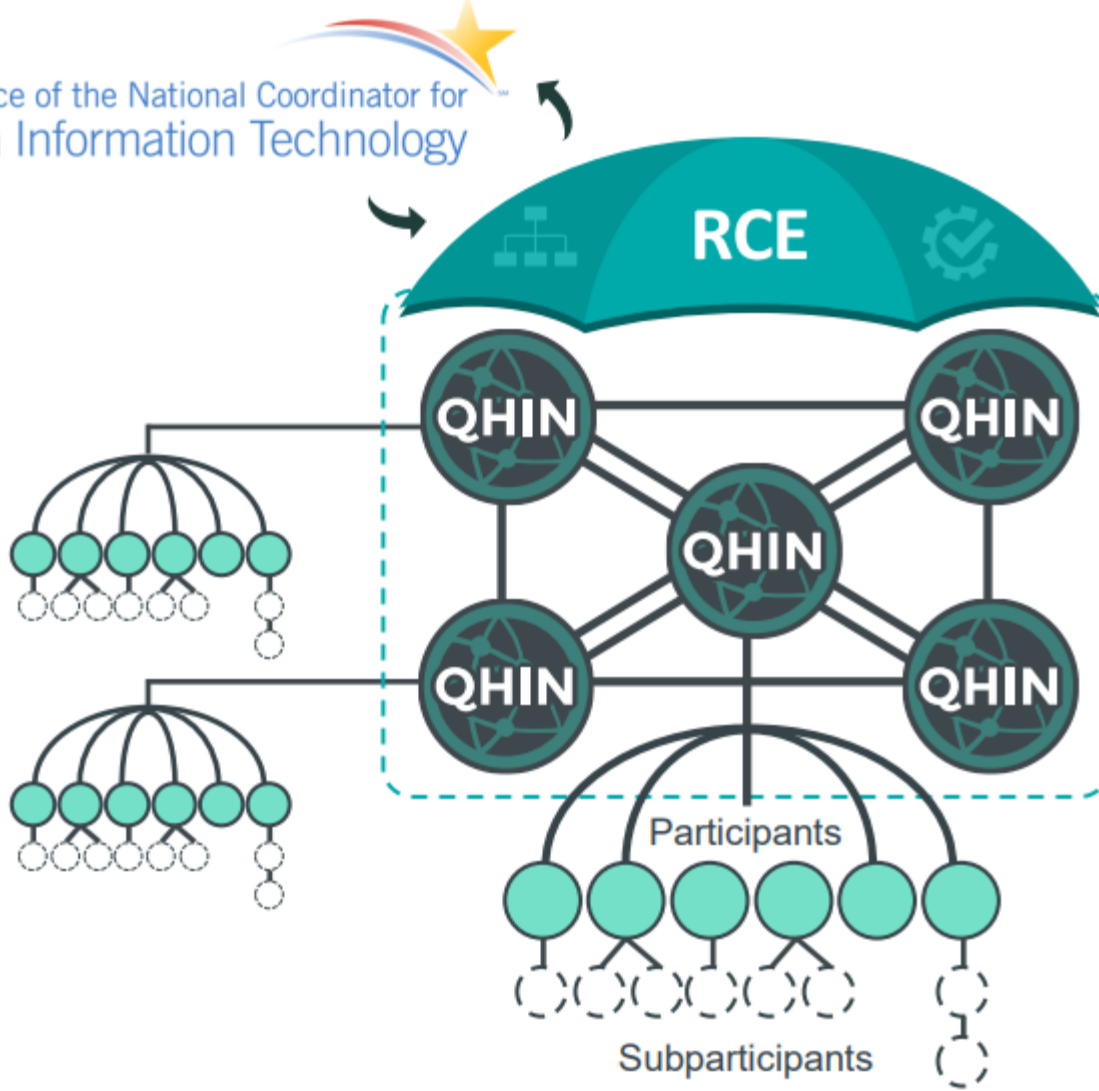
# Trusted Exchange Framework and Common Agreement

The 21st Century Cures Act 1 (Cures Act) directs the National Coordinator to “develop or support a trusted exchange framework, including a common agreement among health information networks nationally.”

The Trusted Exchange Framework and Common Agreement, also known as TEFCA, outlines a common set of principles, terms, and conditions to support the development of a Common Agreement that would help enable nationwide exchange of electronic health information (EHI) across disparate health information networks (HINs). The TEFCA is designed to scale EHI exchange nationwide and help ensure that HINs, health care providers, health plans, individuals, and many more stakeholders have secure access to their electronic health information when and where it is needed.

# How will exchange work under TEFCA?

The Office of the National Coordinator for Health Information Technology



← ONC defines overall policy and certain governance requirements.

← RCE provides oversight and governing approach for QHINs.

← Qualified Health Information Networks (QHINs) connect directly to each other to facilitate nationwide interoperability.

← Each QHIN connects Participants, which connect Subparticipants.

# TEFCA Components



Trusted  
Exchange  
Framework



Common  
Agreement



Standard  
Operating  
Procedures



QHIN  
Technical  
Framework



QHIN  
Onboarding



Metrics



Governing  
Approach



# Timeline to Operationalize TEFCA

## 2021

- Public engagement
- Common Agreement Work Group sessions
- RCE and ONC use feedback to finalize TEFCA

## Q3/Q4 2022

- Finalize initial SOPs
- QHIN application review
- Prepare for TEFCA FHIR-based exchange pilot

## Q3/Q4 2023

- Additional QHIN applications processed
- Establish Governing Council
- Follow change management process to iterate Common Agreement, SOPs, and QTF, including to support FHIR-based exchange

2021

Q1/Q2  
2022

Q3/Q4  
2022

Q1/Q2  
2023

Q3/Q4  
2023

## Q1/Q2 of 2022

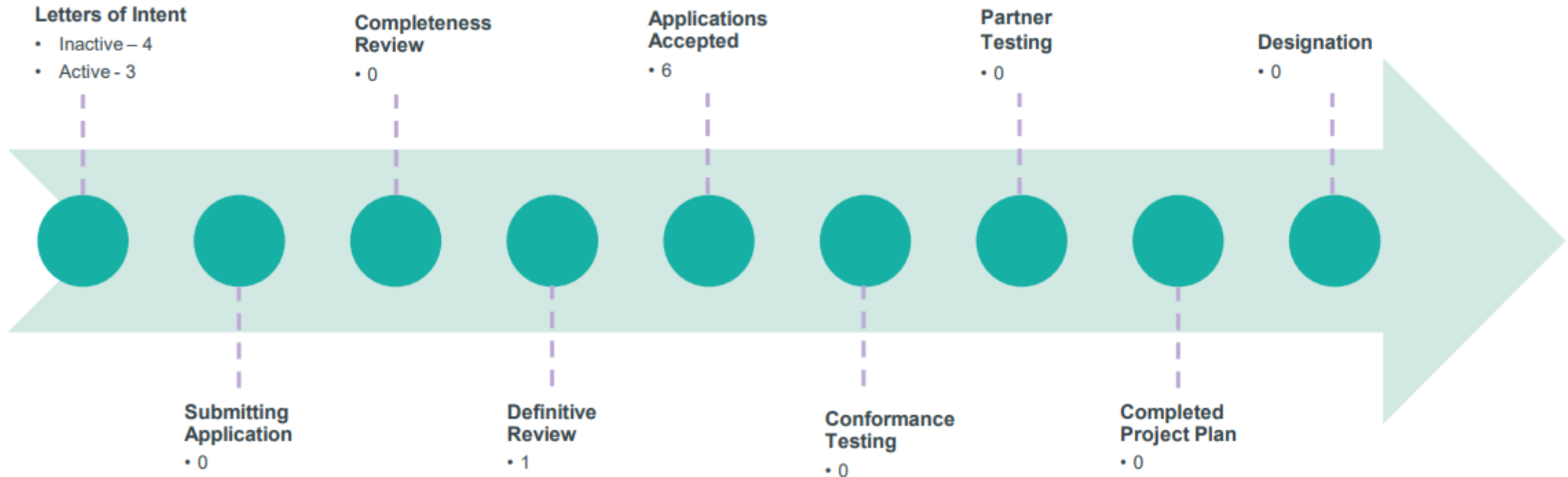
- Publish Common Agreement Version 1
- Publish QHIN Technical Framework (QTF) Version 1 and FHIR Roadmap
- Initiate work to enable FHIR-based exchange
- Public education and engagement

## Q1/Q2 of 2023

- Onboarding of initial QHINs
- Additional QHIN applications processed
- Establish Transitional Council
- Launch TEFCA FHIR-based exchange pilot



# QHIN Application and Onboarding & Designation



# First Six QHIN Applicants

On February 13, 2023, the U.S. Department of Health and Human Services (HHS) Secretary recognized the first set of networks to be approved to implement TEFCA as prospective Qualified Health Information Networks (QHINs):

- CommonWell Health Alliance;
- eHealth Exchange;
- Epic TEFCA Interoperability Services;
- Health Gorilla;
- Kno2; and
- KONZA.

These prospective QHINs still have meet the rigorous TEFCA eligibility requirements, terms and conditions of TEFCA participation, and have commitment to a 12-month go-live timeline.

# First Six QHIN Applicants Moving to Onboarding

## Clarifications:

- ❖ 6 Applicants recognized for moving into the next phase of Onboarding
- ❖ QHIN application will remain open, and there are others currently going through the process
- ❖ Currently, there are no Designated QHINs
  - The approved applicants have remaining processes to successfully complete in order to be Designated
  - There is no guarantee that each will become a QHIN
- ❖ There are no cohorts of QHINs
- ❖ There will be no first QHIN
- ❖ **Health care providers can only be listed once in the TECCA Provider Directory; therefore, health care providers can only be connected to one QHIN or a downstream participant of a QHIN**
  - **This requirement is likely to have a chilling affect on regional and statewide HIE if a health care provider is connected to their EHR vendor's QHIN**



# Remaining 2023 Advisory Board Meetings

Friday, August 4, 2023, in-person at 2525 Seventh Street, Harrisburg, 10 a.m. – 2 p.m.

Friday, November 3, 2023, in-person at 2525 Seventh Street, Harrisburg, 10 a.m. – 2 p.m.

# Public Comment

- Name of submitter for written comment submission acknowledged by chair
- Verbal comment (3 minutes per commenter)

## For further information:

<http://dhs.pa.gov/ehealth>

## PA eHealth Partnership Advisory Board:

<https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/eHealth-Advisory-Board.aspx>

## P3N HIO Certification Package:

<https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/HIO-Connection.aspx>

## P3N Certified Health Information Organizations (HIO) Information:

<https://www.dhs.pa.gov/providers/Providers/Documents/Choose%20your%20HIO.pdf>