TEXAS HEALTH SERVICES AUTHORITY

Board of Directors Meeting

November 11, 2022

10:00 AM Central Time

Virtual Meeting:

- https://us04web.zoom.us/j/9305720817

- Phone number: 1-312-626-6799

- Meeting ID: 930-572-0817

MEETING AGENDA

Time	Item
I. Introduction	
10:00 AM	A. Call to order, welcome, introductions, and announcements
II. Presentations, Reports and Board Business	

10:05 AM – 10:30 AM	A. Regular board business
	    i. Consideration of minutes of the August 19, 2022 board meeting – **ACTION ITEM**
	    ii. Selection of THSA Board Vice Chair – **ACTION ITEM**
	    iii. Consideration of FY 2022 Q4 financial statements – **ACTION ITEM**

MEETING AGENDA (CONTINUED)

Time	Item
III. Update and Consideration of THSA's Projects and Programs	
10:30 AM – 10:55 AM	A. Update on Health Information Exchange Services i. Update on current status of HIETexas EDEN ii. Update on current status of HIETexas PULSE iii. Update on current status of STAR HIE Cooperative Agreement – SANER Project
10:55 AM – 11:00 AM	B. Update on SECURETexas: Health Information Privacy and Security Certification
11:00 AM – 11:05 AM	C. Update on THSA Councils and Work Groups

MEETING AGENDA (CONTINUED)

Time	Item
IV. Information Items	
11:05 AM – 11:15 AM	A. Future Meeting Schedule B. Future Agenda Items
V. Public Comment	
11:15 AM – 11:20 AM	A. Public Comment
VI. Executive Session	
11:20 AM – 12:00 PM	A. Recess into executive session pursuant to Tex. Gov. Code Section 551.074(a)(1) B. Reconvene into regular session
VII. Adjourn	

Call to Order, Welcome and Introductions, and Announcements

Presentations, Reports and Updates
Regular Board Business

REGULAR BOARD BUSINESS
CONSIDERATION OF MINUTES OF THE AUGUST 19, 2022 BOARD MEETING – ACTION ITEM

- The August 19, 2022 board meeting minutes are available for review as **Attachment No. 1 (PDF page 002)** in your attachments document.

- **Action Item:** Does the board vote to approve the board meeting minutes as laid out before the board?

REGULAR BOARD BUSINESS
SELECTION OF THSA BOARD VICE CHAIR – ACTION ITEM

- THSA's previous Vice Chair rolled off the board since the last meeting of the Board of Directors.

- Call for nominations of new board vice chair. This item was emailed to you, but calls for nominations at today's meeting are also welcome.

- **Action Item:** Does the board vote to approve the new Vice Chair as laid out before the board?

THSA
TEXAS HEALTH SERVICES AUTHORITY

REGULAR BOARD BUSINESS
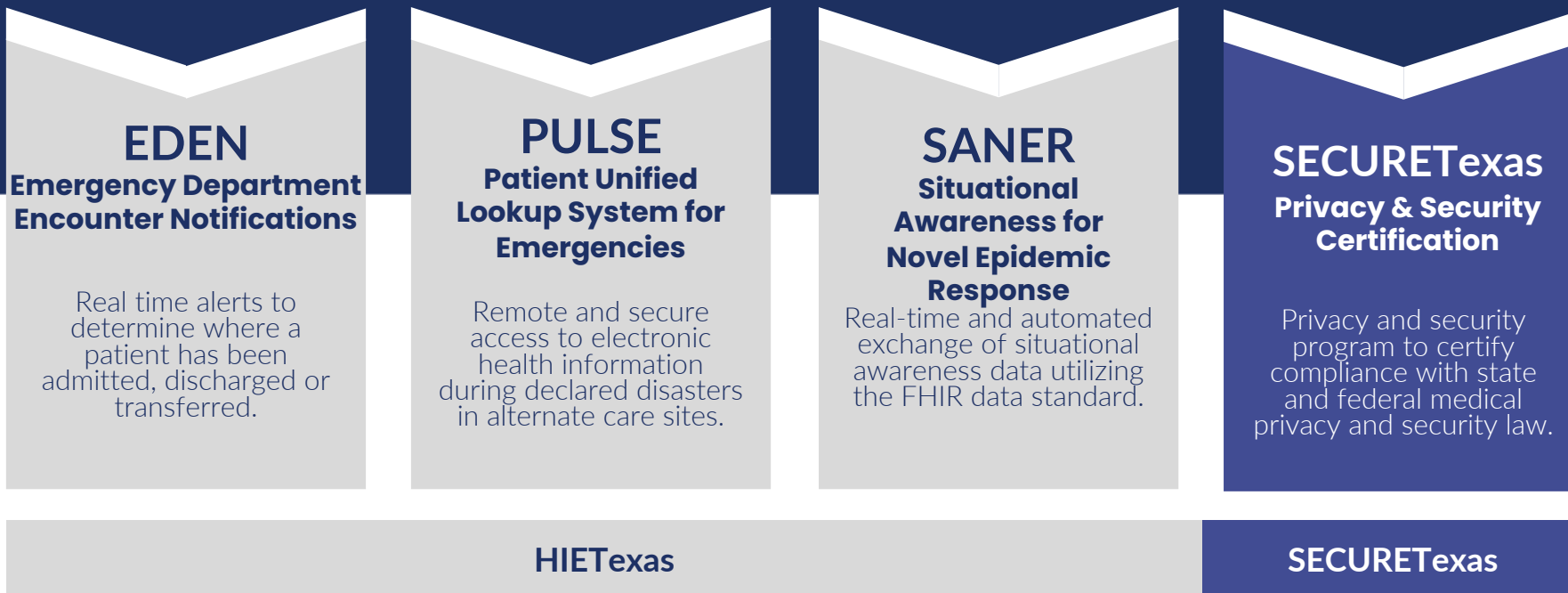**CONSIDERATION OF FY 2022 Q4 FINANCIAL STATEMENTS – ACTION ITEM**

- The THSA's FY 2022 Q4 financial statements are available for review as **Attachment No. 2 (PDF page 006)** in your attachments document.

- **Action Item:** Does the board vote to approve the financial statements as laid out before the board?

Update and Consideration of THSA's Projects and Programs

TEXAS HEALTH SERVICES AUTHORITY

Our Health Services

EDEN
Emergency Department Encounter Notifications

Real time alerts to determine where a patient has been admitted, discharged or transferred.

PULSE
Patient Unified Lookup System for Emergencies

Remote and secure access to electronic health information during declared disasters in alternate care sites.

SANER
Situational Awareness for Novel Epidemic Response

Real-time and automated exchange of situational awareness data utilizing the FHIR data standard.

SECURETexas
Privacy & Security Certification

Privacy and security program to certify compliance with state and federal medical privacy and security law.

HIETexas

SECURETexas

Update and Consideration of THSA's Projects and Programs
Current Status of HIETexas EDEN

THSA

TEXAS HEALTH SERVICES AUTHORITY

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF HIETexas EDEN

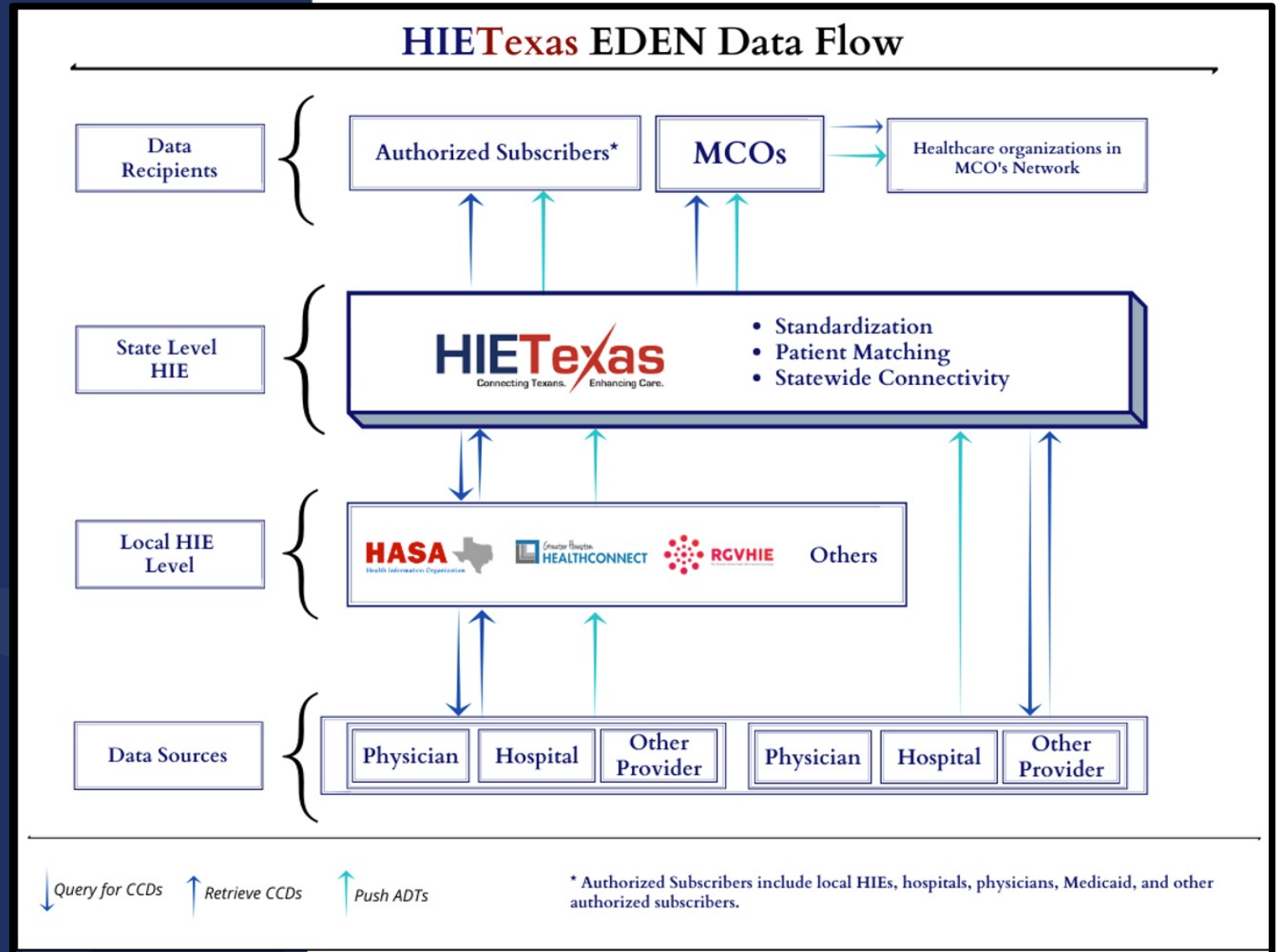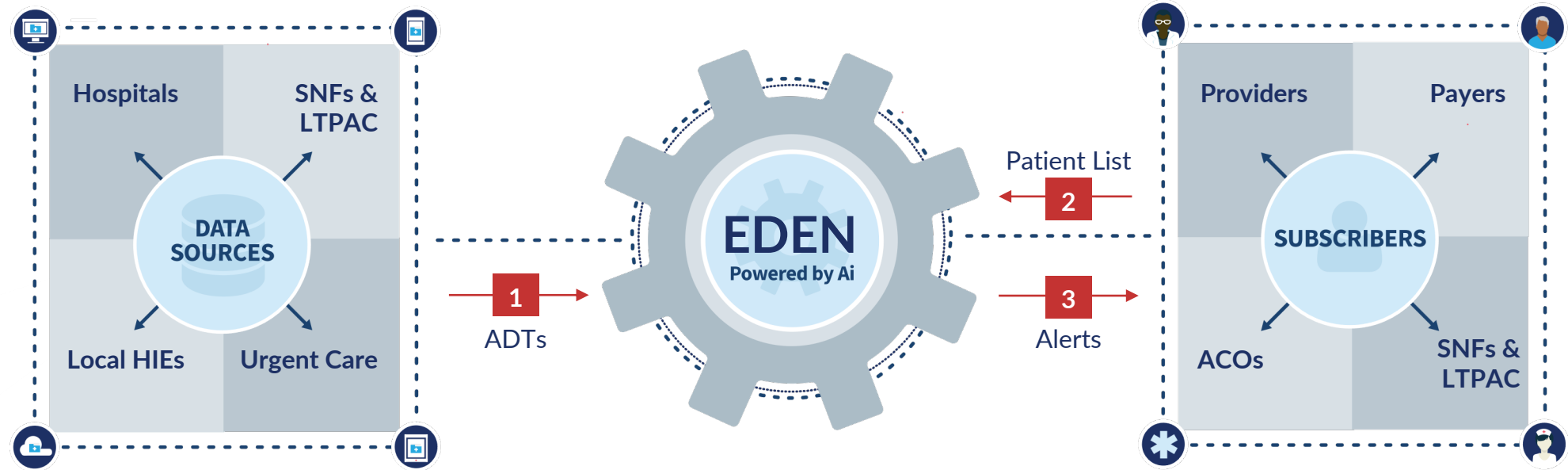| HIETexas Service	Status
Emergency Department Encounter Notification (EDEN)	Fully operational

- **Goals:**
  - Grow number of EDEN data sources and data subscribers

- **Current status:**
  - Connected to a variety of local HIE and direct data sources
  - Pilot site for Sickle Cell use case selected
  - Continuing implementation of EDEN to support MCO work with Texas Homeless Network
  - Have added multiple data sources and subscribers since last meeting

- **Next steps (more on next slide):**
  - Continue working with trading partners (e.g., local HIEs, Texas Medicaid)
  - Continue onboarding data sources and data subscribers

EDEN DATA FLOW HIE CONNECTIVITY PROJECT

The data flow graphic on the right shows how data flows under the Texas HIE Connectivity Project

HOW EDEN WORKS

Data Sources (Hospitals, SNFs, and others) send real-time admit and discharge data to EDEN.

EDEN compares patient info between ADTs and patient lists and, if a match occurs, sends alerts to appropriate subscribers.

Subscribers (with patient consent) provide a list of patients on whom they wish to receive notifications. Lists are regularly refreshed.
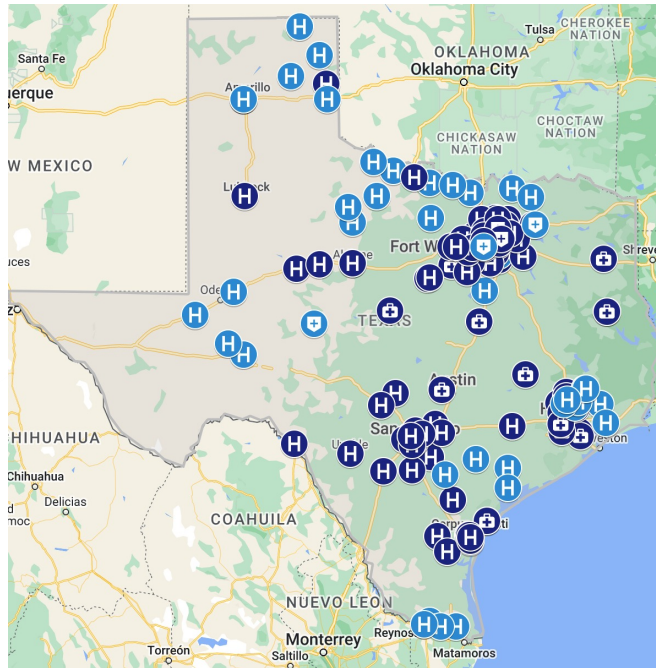
EDEN receives data both directly from hospitals and local HIEs.

Messages received from data sources are purged after transmission. The only data retained are the subscriber lists.
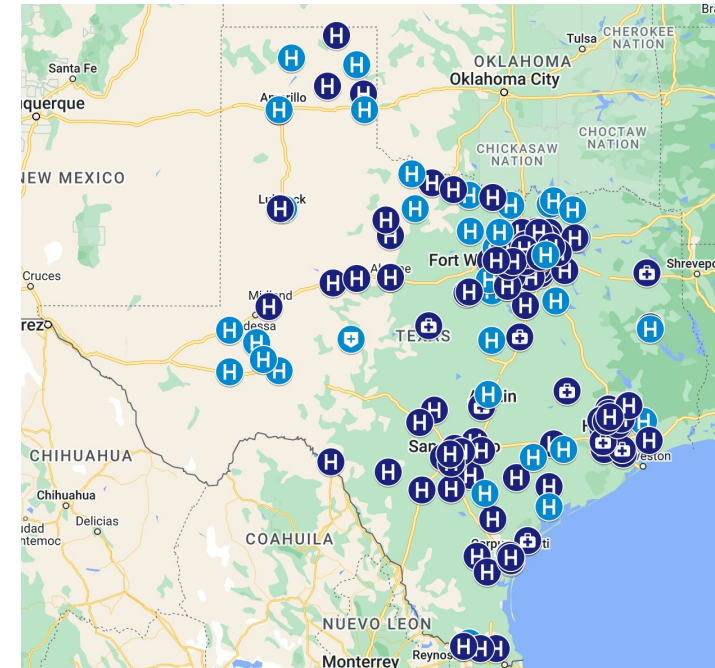
EDEN serves as a single, standardized access point for authorized subscribers to receive alerts in a statewide capacity.

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF HIETexas EDEN – CONNECTIVITY STATS

Aug. 2022 ←	Nov. 2022 →
83 direct connections	103 direct connections
37 direct connections in progress	39 direct connections in progress
34 Connections via HASA	34 Connections via HASA

EDEN SICKLE CELL PILOT

Due to the ambiguity of sickle cell symptoms, patients dealing with the disease often present at an emergency room and are misdiagnosed or denied appropriate care.

EDEN has the ability to proactively alert a treating facility that a presenting patient has an ICD-10 code associated with sickle cell. This would:

- Allow for proper care delivery; and
- Improve outcomes, avoid unnecessary readmits, and lower costs.

EDEN SICKLE CELL PILOT

- Cook Children's Hospital and Health Plan have been selected for the pilot site.

- Proof-of-concept internal to Cook Children's to be conducted within the coming months.

- Plan to then expand across the Dallas-Fort Worth metroplex across other EDEN data sources and subscribers.

EDEN SICKLE CELL PILOT

This is an example of the type of alert that could be pushed to hospital emergency departments under the proposed EDEN Sickle Cell Pilot.

- Jane Doe was just registered in your Emergency Department
  - MRN: 1234
  - Jane Doe has an active attribution to ABC Health Plan
    - ABC Health Plan's Case Manager assigned to this patient is Mary Smith (555) 555-55555
    - ABC Health Plan has flagged this patient as having been diagnosed with Sickle Cell Anemia

THSA
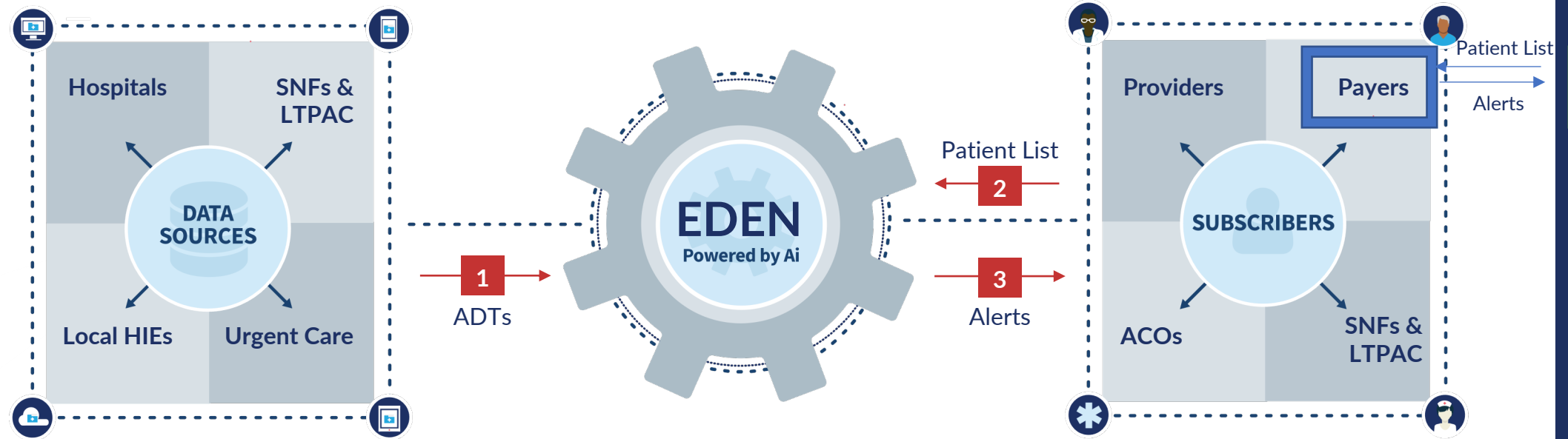Texas Health Services Authority

EDEN & TEXAS HOMELESS NETWORK

Individuals experiencing homelessness can be discharged to a shelter with little notice minimizing the shelter's ability to assure appropriate support services. Managed Care Organizations have been working with the Texas Homeless Network to coordinate safe transitions. MCOs are manually referring clients experiencing homelessness to local shelters. THN has established a process to streamline coordination.

THSA is exploring automation with MCOs and THN with a goal to:

- Allow for proper care delivery; and
- Improve outcomes, avoid unnecessary readmits, and lower costs.

EDEN & TEXAS HOMELESS NETWORK

Data Sources (Hospitals, SNFs, and others) send real-time admit and discharge data to EDEN.

EDEN compares patient info between ADTs and patient lists and, if a match occurs, sends alerts to appropriate subscribers.

Subscribers (with patient consent) provide a list of patients on whom they wish to receive notifications. Lists are regularly refreshed.

EDEN receives data both directly from hospitals and local HIEs.

Messages received from data sources are purged after transmission. The only data retained are the subscriber lists.

EDEN serves as a single, standardized access point for authorized subscribers to receive alerts in a statewide capacity.

Update and Consideration of THSA's Projects and Programs
Current Status of HIETexas PULSE

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF HIETexas PULSE

HIETexas Service	Status
Patient Unified Lookup System for Emergencies (PULSE)	Fully Operational

- **Goals:**
  - Increase administrator organizations and end users for PULSE.
  - Work with appropriate state agencies to integrate PULSE into disaster response planning.
- **Current status:**
  - Live and available for immediate use during declared disasters.
- **Next steps:**
  - Continue to onboard additional administrator organizations and end users.
  - Scheduling demos for additional public health entities involved in disaster response.

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF HIETexas PULSE

HIETexas PULSE Texas disaster response medical shelter organization recent accomplishments:

- The San Antonio Department of Health ("San Antonio Metro Health") and the Texas division of the American Red Cross have been onboarded and now are live with PULSE.

- Updated HIETexas PULSE with new or enhanced features for missing persons functionality, among other things.

- Active participation in multi-state PULSE Community of Practice to share knowledge.

- Continuing CMS certification process in collaboration with Audacious Inquiry and Texas Medicaid.

Update and Consideration of THSA's Projects and Programs
Current Status of STAR HIE Program – SANER Project

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF STAR HIE PROGRAM – SANER PROJECT

HIETexas Service	Status
STAR HIE Program – Situational Awareness for Novel Epidemic Response (SANER) Project	PILOT

- **Goals:**
  - Complete proof-of-concept pilot
  - Share results with stakeholders in Texas and nationally through the STAR HIE Program
- **Current status:**
  - Granted a no-cost extension (NCE) through March 31, 2023, but will likely complete sooner
  - Parkland Memorial has completed steps required for technical implementation for SANER pilot
  - Knox County has completed steps required for technical implementation for supplemental award
  - C3HIE has successfully connected to ImmTrac for the supplemental award regarding vaccination data
- **Next steps:**
  - Finish technical implementation of pilot including dashboard; record and distribute pilot results

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF STAR HIE PROGRAM – SANER PROJECT

There are two awards of the STAR HIE Program as it relates to THSA:

Underlying award	Supplemental award
• Awarded to THSA (with sub-awards to Ai and HASA) in **September 2020** • **Two-year** cooperative agreement • Relates to exchange of **situational awareness data** • Have signed MOU with DSHS and Dallas County • THSA **plays active part** in data exchange	• Awarded to THSA (with sub-awards to Ai and HASA) and other HIEs, such as GHH and RGVHIE, in **January 2021** • **One-year** cooperative agreement (extended to September 2022) • Relates to exchange of **vaccination data** • Have signed MOU between HASA and DSHS • THSA acts only as **fiscal agent**; all data exchange activities would take place between HASA, Audacious and DSHS

THSA
TEXAS HEALTH SERVICES AUTHORITY

PROBLEM STATEMENT

LACKS DATA STANDARDS

The process by which hospitals transmit capacity (e.g., space, staff, supplies) and capability (e.g., available specialty care) data to public health authorities and emergency response personnel lacks a standard data language and common framework for exchange.

INCOMPLETE UNDERSTANDING

This can lead to an incomplete understanding of a given region's acute care capacity and capability.

TIME AND RESOURCE INTENSIVE

The current data submission process can be time/resource intensive for hospital staff.

TEXAS HEALTH SERVICES AUTHORITY **28**

SANER PROJECT VISION

COMMON STANDARD FOR HOSPITALS

Fast Healthcare Interoperability Resources (FHIR) can be used as a common standard for hospitals and health systems to share select information.

REAL-TIME DATA EXTRACTION

Data can be extracted automatically and in real-time from underlying data systems at both the hospital and regional HIE level.

LEVERAGED BY MULTIPLE ENTITIES

Data can then be leveraged by multiple local, state and federal agencies for dashboards, reports and analytics.

TEXAS HEALTH SERVICES AUTHORITY   **29**

Immunization Data – Supplemental Award

- The STAR HIE Cooperative Agreement recently expanded to **"improve COVID-19 vaccination data by connecting immunization information systems (IISs) to Health Information Exchanges (HIEs)**. The funding seeks to better align HIEs with public health and leverage the extensive amount of clinical data held by HIEs to support enhanced knowledge sharing around the COVID-19 vaccinations."

- "Services or functionalities will be deployed to enable, enhance or increase the use of health information exchange among relevant entities, including providers who care for vulnerable or at-risk populations. Such services and functions will need to address communities disproportionately impacted by the COVID-19 pandemic, including as it relates to the stratifying factors of age, race, ethnicity and sex.

Update and Consideration of THSA's Projects and Programs
Current Status of SECURETexas Certification

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
CURRENT STATUS OF SECURETexas CERTIFICATION

- The THSA offers a voluntary privacy and security certification program, known as "SECURETexas Certification," that measures a Texas covered entity's past compliance with state and federal medical privacy and security law.

- If a covered entity possesses SECURETexas Certification at the time of an alleged violation of the Texas Medical Records Privacy Act, the covered entity may present the certification as evidence to be taken into consideration as a mitigating factor in developing administrative of civil monetary penalties.

- House interim charge released instructing committee to conduct a review of state privacy laws. Staff will monitor the progress of this charge, and any affect it may have on SECURETexas Certification and/or its underlying standards.

Update and Consideration of THSA's Projects and Programs
THSA Councils and Work Groups

UPDATE AND CONSIDERATION OF THSA'S PROJECTS AND PROGRAMS
UPDATE ON TEXAS INTEROPERABILITY COLLABORATIVE

- Texas Interoperability Collaborative was launched last year as a multidisciplinary, vendor agnostic collaborative including all stakeholders with a focus on removing barriers to safe, secure clinical data exchange.

- Meets monthly, 2nd Wednesday at 8:00 am with open invitation.

- Priorities are determined based on stakeholder feedback with volunteer work-groups.

- Most recent meeting occurred on Wednesday, November 9, 2022.

INTEROPERABILITY COLLABORATIVE PRIORITIES

1. Standardizing CCDA Content

2. Increasing use of Direct Messaging

3. Adoption of National Networks

4. Standardized Patient Naming Policy

5. Immunization Registry / IMMTRAC2

6. Public Health Reporting / Electronic Case Reporting

Future Meeting Schedule

FUTURE MEETING SCHEDULE

Date
Friday, March 3, 2023
Friday, May 12, 2023
Friday, August 18, 2023
Friday, December 1, 2023

Future Agenda Items?

THSA
TEXAS HEALTH SERVICES AUTHORITY

Public Comment

Executive Session pursuant to Texas Government Code Section 551.074(a)(1)

Adjourn