

# Texas Health Services Authority

**Virtual Hearing on the State of Privacy,  
Cybersecurity and Interoperability**

**Web address:** <https://us04web.zoom.us/j/9305720817>

**Phone number:** 1-312-626-6799

**Meeting ID:** 930-572-0817

**Date:** November 13, 2020 at 10:00 am



# Agenda

Time	Item
<b>I. Introduction</b>	
10:00 AM	<b>Introduction</b> A. Call to order, welcome, introductions and announcements
<b>II. Regular Board Business</b>	
10:00 AM – 10:15 AM	A. Consideration of minutes of the Aug. 21, 2020 board Meeting – <b>ACTION ITEM</b> B. Consideration of FY 2020 Q4 financial statements – <b>ACTION ITEM</b> C. Consideration of FY 2021 Budget Amendment – <b>ACTION ITEM</b>
<b>[THSA Project Updates -- For Reference]</b>	
N/A	N/A
<b>III. Presentations</b>	
10:15 AM – 11:45 AM	A. Invited testimony on the state of Privacy, Cybersecurity, and Interoperability B. Public testimony on the state of Privacy, Cybersecurity, and Interoperability

# Agenda (continued)

Time	Item
<b>IV. Information Items</b>	
11:45 AM – 12:00 PM	A. Future meeting schedule B. Future agenda items
<b>V. Public Comment</b>	
12:00 PM – 12:15 PM	Public comment
<b>VI. Adjourn</b>	
12:15 PM	Adjourn

# Call to Order, Welcome and Introductions, and Announcements

# Regular Board Business

# Aug. 21, 2020 Board Meeting Minutes

- The August 21, 2020 Board Meeting Minutes are available for review as **Attachment No. 1 (PDF pg. 002)** in your attachments document.
- **Action Item**: Does the board vote to approve the board meeting minutes as laid out before the board?

# Consideration of Financial Statements

- The THSA's FY 2020 Q4 Financial Statements are available for review as **Attachment No. 2 (PDF pg. 006)** in your attachments document.
- **Action Item**: Does the board vote to approve the financial statements as laid out before the board?

# Consideration of FY 2021 Budget Amendment

- The proposed FY 2021 budget amendment is available for review as **Attachment No. 3 (PDF pg. 011)** in your attachments document.
- Staff is requesting this budget amendment for a very good reason. THSA was one of five lucky awardees of the STAR HIE grant from ONC on September 1, 2020. This was shortly after the board passed our FY2021 budget on August 21, 2020. THSA proposes adding an additional staff person earlier than expected to reflect this increased workload.
- **Action Item:** Does the board vote to approve the proposed budget amendment as laid out before the board?



# Update and Consideration of THSA's Projects and Programs

# Update on Current Status of HIETexas Services

# Update on Current Status of HIETexas Services

HIETexas Service	Status
<b>Emergency Department Encounter Notification (EDEN)</b>	State-level infrastructure largely complete. Building interfaces to local HIEs, hospitals, and providers.
<b>Patient Unified Lookup System for Emergencies (PULSE)</b>	PULSE COVID platform is complete. Working on transitioning to PULSE Enterprise system, which is being built and deployed now.
<b>Query-based, bi-directional health information exchange</b>	Adding query functionality to EDEN in SFY20 and SFY2021.*
<b>Public Health Reporting</b>	THSA, in partnership with Ai and HASA, was recently awarded an ONC STAR HIE cooperative agreement.

\* SFY – State Fiscal Year

# Update on EDEN Project

HIETexas Service	Status
<b>Emergency Department Encounter Notification (EDEN)</b>	State-level infrastructure largely complete. Building interfaces to local HIEs, hospitals, and providers.












- **Current status:**


- Live and in production now.
- SFY 2020 build-out activities completed on time.
- Establishes basic “push” HIETexas infrastructure to send data to authorized subscribers.
- Data is transmitted from Local HIEs (HASA is live) and other data sources to HIETexas and then to authorized subscribers.


- **Next steps:**


- Adding additional capacity for increased number of connections.
- Adding query capability.
- The result will be more data is available to authorized subscribers for covered persons.
- HIETexas is leveraging the eHealth Exchange to obtain these additional C-CDA documents.

# Update on EDEN Project (*contract status*)

HIE	BAA	BAA Amend.	SLTA	PA
HASA				
RGVHIE				
GHH			*	

 *Fully executed*

 *Under negotiation*

 *Not complete*

**BAA** *Business Associate Agreement*

**SLTA** *State-Level Trust Agreement*

**PA** *Participation Agreement*

\* GHH has refused to sign the SLTA because certain terms of the agreement would not pertain to them until they engage in a query-based use case (e.g., PULSE). GHH will be required to sign the SLTA at that time. In the meantime, THSA is incorporating certain elements of the SLTA into the PA, which GHH signed this week.

# Update on PULSE

HIETexas Service	Status
<b>Patient Unified Lookup System for Emergencies (PULSE)</b>	PULSE COVID platform is complete. Working on transitioning to PULSE Enterprise system.

- **Current status:**

- Live and ready for use now.
- Deployment was completed on schedule.

- **Next steps:**

- This significant update adds additional capacity and end-user features.
- PULSE EE is scheduled to be deployed in a test environment in Nov./Dec. 2020.
- Scheduled to be deployed for production use in Dec. 2020/Jan. 2021.
- Additional features scheduled to be built and available before 2021 hurricane season begins.

# Update on Query Services

HIETexas Service	Status
<b>Query-based, bi-directional health information exchange</b>	Adding query functionality to EDEN in SFY20 and SFY21.

- **Current status:**

- Additional capacity for increased number of connections.
- Adding query capability.
- The result will be more data is available for covered persons.
- HIETexas is leveraging the eHealth Exchange to obtain these additional C-CDA documents.

- **Next steps:**

- Complete construction
- Add new data sources (not previously connected)
- Validate

# Update on Public Health Reporting

HIE Texas Service	Status
<b>Public Health Reporting</b>	THSA, in partnership with Ai and HASA, was recently awarded the ONC STAR HIE cooperative agreement.

- **Purpose**

- Allow automated collection of data from Texas hospitals regarding critical capacity metrics (open ICU beds, ventilators, etc.). Based on standards.

- **Progress to date:**

- Grant awarded! THSA is the awardee. HASA and Ai are subcontractors.
- Currently in planning stage to develop governance. Will soon release call for participation in project advisory groups.
- Conducting weekly meetings with ONC staff.

- **Next steps:**

- Detailed project work plan is being formulated.
- Submitted HIMSS presentation proposal.
- Press release is in process.



# Update on HIETexas Implementation Metrics

# THSA/HASA ENS Deployment Project Plan

Task Name	Duration	Start Date	End Date	% Complete
1 <input checked="" type="checkbox"/> Encounter Notification Service (ENS) Deployment - THSA/HASA	24d	02/06/20	03/10/20	100%
2 <input checked="" type="checkbox"/> HASA/THSA ENS Deployment Project Plan	24d	02/06/20	03/10/20	100%
3 <input checked="" type="checkbox"/> MirthConnect Production Deployment	23d	02/06/20	03/09/20	100%
4 <input checked="" type="checkbox"/> Production Source Channels in Client Mirth Environment	21d	02/06/20	03/05/20	100%
5 Kick-off technical meeting	1d	02/06/20	02/06/20	100%
6 Establish VPN Connection	14d	02/07/20	02/26/20	100%
7 <input checked="" type="checkbox"/> TEST	6d	02/27/20	03/05/20	100%
8 Create Test Channel/Send Test Data	1d	02/27/20	02/27/20	100%
9 Data Validation of ADTs Received on Test Channel	1d	02/28/20	02/28/20	100%
10 List of Client-Specific Clinical Field Extraction Rules Provided	5d	02/28/20	03/05/20	100%
11 Client-Specific Requirements (e.g. Filtering of Z-Segment Types)	5d	02/28/20	03/05/20	100%
12 Tune Test Channel	2d	03/02/20	03/03/20	100%
13 <input checked="" type="checkbox"/> PROD	2d	03/04/20	03/05/20	100%
14 Create Prod Channel/Enable Data Flow	1d	03/04/20	03/04/20	100%
15 Data Validation of ADTs Received on Prod Channel	1d	03/05/20	03/05/20	100%
16 <input checked="" type="checkbox"/> QA Production Channels	2d	03/06/20	03/09/20	100%
17 Pilot Channel/Destination to send an initial messages to MDM	1d	03/06/20	03/06/20	100%
18 Validation that Data from Channel is Received by MDM	1d	03/09/20	03/09/20	100%
19 Final THSA Sign Off	1d	03/10/20	03/10/20	100%
20				

# THSA/GHH ENS Deployment Project Plan

Task Name	Duration	Start Date	End Date	% Complete	Assigned To	Comments
1 - <b>Encounter Notification Service (ENS) Deployment - THSA/GHH</b>	171 d	02/26/20	10/21/20	96%		
2 - <b>GHH/THSA ENS Deployment Project Plan</b>	171 d	02/26/20	10/21/20	96%		
3 - <b>MirthConnect Production Deployment</b>	171 d	02/26/20	10/21/20	97%		
4 - <b>Production Source Channels in Client Mirth Environment</b>	171 d	02/26/20	10/21/20	98%		
5 - Kick-off technical meeting	1d	02/26/20	02/26/20	100%	All	
6 - Establish VPN Connection - HIETexas side	100d	02/27/20	07/15/20	100%	Ai/Local HIE Networking Team	
7 - Establish VPN Connection - GHH side	170d	02/27/20	10/21/20	100%	Ai/Local HIE Networking Team/and Interface Teams	
8 - Validate connection (both sides)	0	10/21/20	10/21/20	100%	Ai/Local HIE Networking Team	
9 - <b>TEST</b>	6d	07/16/20	07/23/20	20%		
10 - <b>ADT</b>	6d	07/16/20	07/23/20	0%		
11 - Create Test Channel/Send Test Data	1d	07/16/20	07/16/20	0%	Ai/Local HIE Networking Team/and Interface Teams	Date not shared by GHH at this time
12 - Data Validation of ADTs Received on Test Channel	1d	07/17/20	07/17/20	0%	Ai/Local HIE Interface Teams	Date not shared by GHH at this time
13 - List of Client-Specific Clinical Field Extraction Rules Provided	5d	07/17/20	07/23/20	0%	THSA/Ai	Date not shared by GHH at this time
14 - Client-Specific Requirements (e.g. Filtering of Z-Segment Types)	5d	07/17/20	07/23/20	0%	THSA/Ai	Date not shared by GHH at this time
15 - Tune Test Channel	2d	07/20/20	07/21/20	0%	Ai Interface Team	Date not shared by GHH at this time
16 - <b>C-CDA</b>	4d	07/17/20	07/23/20	50%		
17 - Create Test Channel/Send Test Data	0	07/17/20	07/17/20	100%	Ai/Local HIE Networking Team/and Interface Teams	
18 - Data Validation of C-CDAs Received on Test Channel	0	07/21/20	07/21/20	100%	Ai/Local HIE Interface Teams	
19 - Tune Test Channel	2d	07/22/20	07/23/20	50%	Ai Interface Team	
20 - <b>PROD</b>	2d	07/21/20	07/23/20	33%		
21 - <b>ADT</b>	2d	07/22/20	07/23/20	0%		
22 - Create Prod Channel/Enable Data Flow	1d	07/22/20	07/22/20	0%	Ai/Local HIE Networking Team	Date not shared by GHH at this time
23 - Data Validation of ADTs Received on Prod Channel	1d	07/23/20	07/23/20	0%	Ai Interface Team	Date not shared by GHH at this time
24 - <b>C-CDA</b>	1d	07/21/20	07/22/20	100%		
25 - Create Prod Channel/Enable Data Flow	0	07/21/20	07/21/20	100%	Ai/Local HIE Networking Team	
26 - Data Validation of C-CDAs Received on Prod Channel	1d	07/22/20	07/22/20	100%	Ai Interface Team	
27 - <b>QA Production Channels</b>	2d	07/23/20	07/24/20	0%		
28 - <b>ADT</b>	2d	07/23/20	07/24/20	0%		
29 - Pilot Channel/Destination to send an initial messages to MDM	1d	07/23/20	07/23/20	0%	Ai Interface Team	
30 - Validation that Data from Channel is Received by MDM	1d	07/24/20	07/24/20	0%	Ai Interface Team	
31 - <b>C-CDA</b>	2d	07/23/20	07/24/20	0%		
32 - Pilot Channel/Destination to send an initial messages to MDM	1d	07/23/20	07/23/20	0%	Ai Interface Team	This is pending final legal agreements being executed
33 - Validation that Data from Channel is Received by MDM	1d	07/24/20	07/24/20	0%	Ai Interface Team	This is pending final legal agreements being executed
34 - <b>Final THSA Sign Off</b>	1d	07/27/20	07/27/20			
35						

Highlighting changes made since 08/21/20

# THSA/RGV HIE ENS Deployment Project Plan

Task Name	Duration	Start Date	End Date	% Complete
1 <input type="checkbox"/> Encounter Notification Service (ENS) Deployment - THSA/RGV HIE	141d	03/15/20	09/25/20	4%
2 <input type="checkbox"/> RGV HIE/THSA ENS Deployment Project Plan	141d	03/15/20	09/25/20	4%
3 <input type="checkbox"/> MirthConnect Production Deployment	141d	03/15/20	09/25/20	4%
4 <input type="checkbox"/> Production Source Channels in Client Mirth Environment	141d	03/15/20	09/25/20	4%
5 Kick-off technical meeting	1d	09/25/20	09/25/20	100%
6 Establish VPN Connection	14d	03/15/20	04/01/20	0%
7 <input type="checkbox"/> TEST	6d	04/02/20	04/09/20	0%
8 Create Test Channel/Send Test Data	1d	04/02/20	04/02/20	0%
9 Data Validation of ADTs Received on Test Channel	1d	04/03/20	04/03/20	0%
10 List of Client-Specific Clinical Field Extraction Rules Provided	5d	04/03/20	04/09/20	0%
11 Client-Specific Requirements (e.g. Filtering of Z-Segment Types)	5d	04/03/20	04/09/20	0%
12 Tune Test Channel	2d	04/06/20	04/07/20	0%
13 <input type="checkbox"/> PROD	2d	04/08/20	04/09/20	0%
14 Create Prod Channel/Enable Data Flow	1d	04/08/20	04/08/20	0%
15 Data Validation of ADTs Received on Prod Channel	1d	04/09/20	04/09/20	0%
16 <input type="checkbox"/> QA Production Channels	2d	04/10/20	04/13/20	0%
17 Pilot Channel/Destination to send an initial messages to MDM	1d	04/10/20	04/10/20	0%
18 Validation that Data from Channel is Received by MDM	1d	04/13/20	04/13/20	0%
19 Final THSA Sign Off	1d	04/14/20	04/14/20	
20				

Highlighting changes made since 11/09/20 9:51 AM

# Privacy and Security Services Update



- The THSA board of directors will receive an update on privacy and security issues at today's (Nov. 13, 2020) public hearing on "The State of Privacy, Cybersecurity and Interoperability."

# Update on THSA Collaboration Council

# Update on THSA Collaboration Council

- The THSA Collaboration Council conducted two meetings since our last board meeting: one on August 28, 2020 and another on October 22, 2020.
- The meeting materials are available for review as **Attachment No. 4 (PDF page 013)** in your attachments document.
- The Council will meet next in advance of the February 2020 board meeting.



# Future Meeting Schedule

# Future Meeting Schedule

Date	Hearing
TBD	Finance Committee to meet to review annual audit
Friday, February 19, 2021	Administrative hearing
Friday, May 14, 2021	Administrative hearing
Friday, August 20, 2021	Administrative hearing
Friday, November 5, 2021	Administrative hearing

# Future Agenda Items?

# Public Comment

# Adjourn