

	<p><b>THSA HIE Planning Engagement</b>  <b>Meeting Notes</b></p>
	<p>Meeting Name: Technology Infrastructure Work Group                  Date: 06/08/2010                  Time: 3:00 PM - 5:00 PM CDT                  Location: University Health System                  Technical Conference Room                  8131 Pinebrook Dr, San Antonio, TX 78230                  Webinar: <a href="https://www2.gotomeeting.com/register/182757738">https://www2.gotomeeting.com/register/182757738</a>                  Conference call: 888-276-8689 Access code: 5273822</p>

In Attendance:					
Akeroyd, Chris		Holmes-Henry, Cherie		Plansky, Derek	
Alexander, Terry	Y	Hughes, Ken		Poirier, Brett	
Banerjee, Andy		Janusz, Barbara		Prince, Lillian	
Best, Skip		Johnson, James	Y	Sen, Arun	
Beswick, Richard		Khan, Asad	Y	Shackelford, Telly	Y
Cambron, Barbara	Y	Kirksey, Kirk		Sittig, Dean	Y
Chambers, John		Kitchen, Ann		Smith, Beverly	
Costello, Kathleen		Kotyk, Steven		Spencer, George	
Davies, Al		Lewis, Gerard		Sullivan, Christopher	
Devine, Teresa	Y	Matthews, Thomas		Thompson, Mark	
Flournoy, Larry	Y	McGrew, Don		Tietze, Mari	Y
Gibson, Willis	Y	Murray, Matthew		Trotter, John	
Gilman, Tony	Y	Novelli, Ed (represented by Edie Hagens)	Y	Valle, Earnest	
Greak, Louis	Y	Paschall, William	Y	Villarreal, Noel	Y
Guerrero, Chris	Y	Payne, David		Vogel, Lynn	
Haman, Helen	Y	Perez, Miguel		Walker, James	Y
Hayton, Mark		Perialas, Pete		Wood, Charles	Y
Heflin, Eric	Y	Phillips, Bill		Woods, Kale	Y
Hieber, Michael	Y	Phillips, Michael			

**Agenda and Discussion Notes**

Note: Refer to the Workgroup PowerPoint presentation for additional information.

#	Item Name	Item Owner
1	<p><b>Introduction and Meeting Preparation</b></p> <ul style="list-style-type: none"> <li>■ Meeting Overview &amp; Agenda Review</li> <li>■ Introductions</li> <li>■ Preliminary Definition of Terms</li> </ul>	Lynne Randall
2	<b>Overall Status Updates</b>	Jim Honn

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	<ul style="list-style-type: none"> <li>■ Governance, Finance, Sustainability</li> <li>■ Privacy &amp; Security</li> <li>■ Consumer engagement and adoption</li> <li>■ Technology Infrastructure                             <ul style="list-style-type: none"> <li>□ Use Case</li> <li>□ ARRA – HITECH</li> <li>□ State Integration (Such as Medicaid)</li> <li>□ National Integration (NHIN)</li> </ul> </li> <li>■ Environmental Scan</li> </ul>	
	<ul style="list-style-type: none"> <li>■ Please send follow-up questions regarding project status to Jim Honn.</li> <li>■ THSA website is live with public content and secure login for core workgroup members</li> <li>■ For assistance with SharePoint site, contact Jim Honn or Liz Thelen.</li> </ul>	
3	<p><b>Other</b></p> <ul style="list-style-type: none"> <li>■ We allocated more time to the upcoming vendor presentation on June 29. It will be 90 minutes instead of 30 minutes.</li> <li>■ We have had limited response to the Environmental Scan survey and are following up to obtain responses.</li> </ul>	Lynne Randall
4	<p><b>Architectural Design Considerations</b></p> <p>Four potential architecture models are:</p> <ul style="list-style-type: none"> <li>■ Fully Distributed Model</li> <li>■ Regional Federated Model</li> <li>■ Statewide Monolithic Model</li> <li>■ Hybrid Model</li> </ul>	Joe Eberle
	<ul style="list-style-type: none"> <li>■ Team reviewed HIE info from ONC, NY, CA, NM, FL, and RI.</li> <li>■ TX is vast and diverse with HIEs in different stages of maturity. Goal is interoperability</li> <li>■ Larry Flournoy: NM, OK, AR, LA are important. High-level of cross border care so need to look at these four states.</li> <li>■ Important to consider architecture impact on patient care and provider ease of use in order to facilitate provider adoption.</li> <li>■ Joe Eberle: Do comprehensive strategy then do operational plan later that will incrementally build toward the long term strategy.</li> <li>■ Kale Woods: Does it include push of results to physician’s EMR? Yes, results delivery is from hospital to EMR.</li> <li>■ Morey Samuels: What services is HIE responsible for? Joe Eberle: We are discussing where these services go and who is responsible.</li> <li>■ Bob Hoover – ONC says these services need to be provided. We need to ensure they are available, but we don’t need to actually deliver these services through the state or regional HIE, e.g. some may be delivered by an EMR system.</li> <li>■ Clarification: When Joe Eberle said open access, he meant secure access with appropriate legal and security constraints.</li> <li>■ Larry Flournoy– says there are alternatives other than Internet.</li> <li>■ TX has geographic areas of low technology (white space) that affect interoperability.</li> <li>■ Need to ensure system continuity in the event of a disaster. When people</li> </ul>	

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	<p>move in large numbers due to a disaster e.g. Katrina, their data moves with them.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Larry Flournoy: The ability to store data elsewhere for use in disaster recovery implies that HIEs have a storage capability. Need to do at state level.</li> <li><input type="checkbox"/> Telly Shackelford: Are doing storage at ICC and Sand Lot. Data storage is for 1.4M patients, including doctors in the community.</li> <li><input type="checkbox"/> Rhode Island HIE experienced flooding and HIE survived due to replication services.</li> <li><input type="checkbox"/> Eric Heflin: Delaware stores data in Plano TX at a DR site.</li> </ul> <p>■ Primary objective is core HIE services to achieve meaningful use. Lots of places need fundamental connectivity.</p> <p><b>The workgroup discussed the following four technical architecture models:</b></p> <p>(see presentation slides for details)</p> <ul style="list-style-type: none"> <li>■ <b>Fully distributed model</b> - In all states we looked at, at no point did we see ONC give consent to this model. Achieves few of report card objectives.</li> <li>■ <b>Regional federated model</b> – Doesn’t guarantee interoperability with other regions. This is a problem in FL, doesn’t work statewide. <ul style="list-style-type: none"> <li><input type="checkbox"/> Larry Flournoy – Disagrees that this model will support R&amp;D encryption and decryption, because no centralized clinical data.</li> </ul> </li> <li>■ <b>State centralized level</b> – Not in Texas because would require state funding. Works in small states. Number of records is not a problem, but would be politically and culturally difficult.</li> <li>■ <b>Hybrid model</b> – E.g. NY State has thin statewide governance model to oversee interoperability. RHIOs provide HIE services. Meets most objectives on report card. <ul style="list-style-type: none"> <li><input type="checkbox"/> Larry Flournoy: Multiple state locations follow same philosophy.</li> </ul> </li> <li>■ Report card is unachievable initially; will evolve toward providing all report card functions.</li> <li>■ Recommendation is Hybrid model. But need to establish statewide interoperability standards so don’t have problem like FL.</li> <li>■ Eric Heflin: Can validate Hybrid approach is alive in Delaware. Joe: Is in NY also.</li> <li>■ Lynne Randall, with CTG, asked if any objections to Hybrid model as the architecture model for this process and none were voiced. So we will move forward with planning based on a Hybrid model.</li> </ul>	
5	<p><b>State and National Services Integration Points</b></p> <ul style="list-style-type: none"> <li>■ Medicaid</li> <li>■ NHIN</li> <li>■ DoD, VA, etc.</li> </ul>	Joe Eberle Lynne Randall
	<ul style="list-style-type: none"> <li>■ TX Medicaid will complete strategic plan in August and implement in 2011. Must move toward an HIE that is interoperable and follows national standards (mandated by legislation). Will plan for interoperability with Medicaid but don’t know what this will look like.</li> <li>■ Tony Gilman: THSA and Medicaid will work collaboratively toward standards.</li> <li>■ Waiting for info from NHIN, DoD, and VA regarding standards. Plan to have</li> </ul>	

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	this at next meeting.	
6	<b>Vendor Presentation Considerations</b> <ul style="list-style-type: none"> <li>■ Review responses from vendors</li> <li>■ Identify Overall Functional Capabilities List</li> <li>■ Statewide Roles and Responsibilities</li> </ul>	Lynne Randall
	<ul style="list-style-type: none"> <li>■ 6 vendors replied to survey and are interested in doing collaborative presentation on industry trends and standards, and vendor capabilities. Presentation will be a vendor-neutral educational format, not a sales presentation.</li> <li>■ Presentation will be done via webinar June 29, 10:30 a.m.-12:00 noon CST.</li> </ul>	
7	<b>Preparation for Upcoming Meetings</b> <ul style="list-style-type: none"> <li>■ Currently there are two 1.5 hour Sub-Work Group meetings scheduled for June 29 via webinar. Info will be posted on the secure section of the THSA website.</li> <li>■ Work Group Meeting #4 - July 13 in Lubbock – details TBD</li> <li>■ Vendor presentation will be in longer sub workgroup meeting on June 29 at 10:30 a.m.</li> </ul>	Lynne Randall
8	<b>Open Discussion</b> Joe Eberle talked to Dr. David Blumenthal of ONC: <ul style="list-style-type: none"> <li><input type="checkbox"/> Final recommendation will be published “soon”.</li> <li><input type="checkbox"/> Given state of industry, are meaningful use deadlines going to be pushed back? EHR meaningful use will not be pushed back. Communications and networking are not at level of sophistication anticipated, so these deadlines may be pushed back slightly.</li> <li><input type="checkbox"/> NHIN Gateway and NHIN Direct are two different things. NHIN Direct is a subset of NHIN Gateway that was built because NHIN Gateway was difficult for groups to achieve.</li> <li>■ Eric Heflin: Are voting this week on backbone protocol that NHIN Direct would use. One mechanism is XTR. Eric is giving a presentation to California next week. Eric will send info to Joe Eberle, including PowerPoint.</li> <li>■ Stephan Walker: What efforts have been done to integrate TX VA HIE system? Lynn Randall: Little info gathered to date, will have more at next meeting.</li> <li>■ Larry Flournoy has contacts for VA:             <ul style="list-style-type: none"> <li><input type="checkbox"/> Clayton Curtis, MD PhD - VHA-HIS Interagency Liaison and Informatics</li> <li><input type="checkbox"/> Bob Meeker - technical consultant for VA from Beaumont, Texas</li> <li><input type="checkbox"/> Steve Pirzchalski - VA employee leading infrastructure research and development for VA networks</li> <li><input type="checkbox"/> Link below points to a set of presentations which have CVs for both individuals and additional info which may be of interest  <a href="http://www.internet2.edu/health/hni/2009SPRINGWKSP.cfm">http://www.internet2.edu/health/hni/2009SPRINGWKSP.cfm</a></li> </ul> </li> <li>■ Man: Was Texas a recipient of SSA grants given three months ago? Tony Gilman: Not aware of anyone in Texas receiving funds.</li> <li>■ Joe Eberle: Who is responsible for disease registry and automated lab reporting? Larry Flournoy: Ask Stephen Palmer.</li> </ul>	
	<ul style="list-style-type: none"> <li>■ Question from John Wyand: May a pharmacy management/pharmacy EHR producer provide use case data? If so, how?</li> </ul>	

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	<input type="checkbox"/> Yes – please submit use case data to Gary Kerl and copy Lynne Randall and Joe Eberle.	
	<p><b>Next Meetings</b></p> <p><b>IT Architecture Update – Sub-Workgroup Meeting</b></p> <input type="checkbox"/> June 29, 8:30 a.m. – 10:00 a.m. CST <p><b>Vendor Presentation – Sub-Workgroup Meeting</b></p> <input type="checkbox"/> June 29, 10:30 a.m. - 12:00 noon CST <p><b>Technology Infrastructure Work Group Meeting #4</b></p> <input type="checkbox"/> July 13 in Lubbock – details TBD	