

MINUTES – FINAL
Health Information Technology Standards
Advisory Committee (HITSAC)

Thursday, June 18, 2015

Commonwealth Enterprise Solutions Center
11751 Meadowville Lane
Chester, VA 23836
Multipurpose Room 1222

ATTENDANCE

Members Present:

Dr. Marshall Ruffin, Chairman
Mr. Rich Pollack
Mr. John Quinn
Dr. Jim Harrison

Others Present:

Allen, Corky (Oracle)
Allen, Zacc (VADOC)
Anderson, MG (IBM)
Clarke, Wayne (VADOC)
Condrey, Debbie (VDH)
Dixit, Prashant (VITA)
Helmantoler, Nicole (VITA)
Laugerbaum, C.W. (Advantus Strategies)
Marian, Farnoosh (VITA)
Matthews, Michael (MedVirginia)
McCleaf, Sandy (ConnectVirginia)
Mix, Dave (DMAS)
Norman, Fred (CVC)
Reiniger, Tim (FutureLaw)
Rodis-Bradshaw, Sheila (DMV)
Sharpe, Paul (VDH)
Smith, Brandon (Kimble and Associates)
Stancil, Cody (VITA)
Watson, Michael (VITA)

Members Absent:

Dr. Sallie Cook

CALL TO ORDER

Chairman Ruffin called the meeting to order at 10:32 a.m. in the VITA Multipurpose Room 1222 at the Commonwealth Enterprise Solutions Center in Chester, VA.

Note: The HITSAC meeting agenda packet including all of the presentation materials may be accessed on the VITA Web site at:

<http://www.vita.virginia.gov/ITAC/default.aspx?id=6442472422>

OLD BUSINESS

Approval of Minutes from the February 19, 2015, HITSAC Meeting

Chairman Ruffin requested a motion to approve the minutes from the February 19, 2015, meeting and the motion was made and seconded by HITSAC members. Chairman Ruffin called the item and accepted the minutes as approved.

NEW BUSINESS

Commonwealth Data Governance Status Report

Nicole Helmantoler, Enterprise Information Architect and Commonwealth Data Governance (CDG) Lead from the Virginia Information Technologies Agency (VITA), gave the status report for the CDG team.

Ms. Helmantoler remarked on a few changes to the agenda and introduced Sheila Rodis-Bradshaw, who will give the Commonwealth Authentication Service (CAS) Status Report today.

Regarding old business, Ms. Helmantoler informed HITSAC that the Fast Healthcare Interoperability Resources Draft Standard for Trial Use (FHIR DSTU 2) has gone to ballot. Mr. Quinn added the Argonaut Project came in under budget; the group will be working on a second project with the remaining budget. While HL7 owns the intellectual property (FHIR), the Argonaut Project is funding FHIR development. FHIR will tentatively be on the October HITSAC meeting agenda for discussion.

On behalf of Mr. Ernie Steidle from the Department of Aging and Rehabilitative Services (DARS), Ms. Helmantoler informed the group that Home and Community Based Services (HCBS) effort continues due to secured funding to expand DARS No Wrong Door (NWD) portal. As part of the effort, DARS is working on changes to the HCBS taxonomy, integrating traditional provider data standards with community based provider standards, and from a solutions perspective, making use of MITA architecture. Mr. Steidle will tentatively be on the August HITSAC agenda for detailed update on the HCBS effort.

Due to Mike Wirth's absence today, the e-MOU Coordinating Committee status report will be provided by Dave Mix as part of the eHHR status report.

Ms. Helmantoler provided an update on the VCU Data Intern program. Deputy Secretary of Technology Fung is exploring expansion of the program to include the University of Virginia, Virginia Tech, Norfolk State University and George Mason University.

Ms. Helmantoler also provided an update on the continuing efforts in assisting agencies with their data management efforts. The 2014 Enterprise Information Architecture (EIA) Scorecard, issued at the end of 2014, is the second iteration of the EIA maturity assessment survey intended to capture the current status of agencies efforts. Due to the timing of the release and statewide budget issues, the response rate did not meet expectations. CDG is working with the Executive Data Stewards Group to improve the EIA Scorecard. Ms. Helmantoler reviewed the results of the 2014 EIA Scorecard. HITSAC discussed opportunities for improvement, noting that explanation and education around the survey process would be helpful for agencies that

may have different concepts of governance. While agencies involved in the Commonwealth Data Stewards Group filled out the survey, identifying Data Stewards for each agency is difficult and limited by agency needs, resources and budgets. To kick off the 2016 EIA Scorecard, HITSAC plans to submit a memo stressing the importance of data standards to the government stakeholders.

Regarding recent achievements in data governance, Ms. Helmantoler updated HITSAC on Commonwealth Data Stewards Group activities. The Executive Data Stewards were briefed on the progress of the Technical and Functional Working Groups on May 1st. Going forward, the Technical Working Group will continue to refine the list of attributes for the data asset inventory, define them, and create a process for inventory collection. The Functional Group will 1) continue to explore domain data sharing use cases, and 2) provide guidance for the EIA Governance Framework.

Ms. Helmantoler updated HITSAC on Item 427 Metrics. CDG has reviewed 81 active major IT investments to date and will transition to monitoring planned major investments. Six data governance questions have been added to the IT Investment Management (ITIM) business case documentation to assist with the planned investment analysis. There are currently 16 major planned investments under review. Item 427 applies to the exchange of person data, so projects deemed out of scope may not exchange person data or may be related to infrastructure.

Ms. Helmantoler discussed the Next Generation Analytics Request for Proposal (RFP), which was released on March 2nd and closed on April 9th. VITA released this RFP on behalf of the Commonwealth. The evaluation team is comprised of VITA and agency representatives from most of the Secretariats. Selected vendors must perform a pilot, at no cost, within one year of contract award. Pilots will be a culmination of use cases identified by the Commonwealth Data Stewards Group and business cases identified by VCU Data Interns. The purpose of the RFP is to create enterprise contracts with a list of vendors, addressing eight solution categories, available to Commonwealth agencies as they prepare to move forward with analytics projects.

Ms. Helmantoler discussed open data and Datathon 2015. Additional data sets have been made available on data.virginia.gov. VITA has been working to develop an Open Data Topic Report, which is currently under review by the Secretary of Technology; it will be reviewed by data stewards before it is adopted. Datathon participants will use government open data sets to create citizen facing apps, sparking creativity and making use of open data. Government teams will gather for a 48 hour coding blitz on July 16th and 17th. Finalists will present their solutions at COVITS in September.

Related to national data standards efforts, the National Information Exchange Model (NIEM) Human Services Domain Workgroup kicked off this February and meets monthly. Membership includes PA, OK, NC, WA, IL, San Diego County and now VA. [The National Electronic Interstate Compact Enterprise](#) (NEICE), is a pilot to improve efficiency in the administration of the Interstate Compact on the Placement of Children (ICPC) using an electronic web-based system and NIEM-compliant exchanges. The pilot, which included FL, IN, NV, SC, WI and the District of Columbia, was just completed with full report available this summer. Each state has seen at least a 20% – 40% improvement in time spent placing children.

Chairman Ruffin presented to ITAC on February 27th. ITAC has requested a follow up presentation on August 3rd to discuss a potential change to the current HITSAC reporting structure. The presentation will include content from HITSAC 2013 and 2014 Annual Reports and planned priorities.

Chairman Ruffin opened the floor to additional questions from HITSAC members. Seeing none, Chairman Ruffin closed the CDG status report item.

eHHR Program Office Status Report (including e-MOU Coordinating Committee Status Report)

David Mix, Program Director for eHHR from the Department of Medical Assistance Services (DMAS), provided the status report on the eHHR Program.

As part of the e-MOU Coordinating Committee update, Mr. Mix informed HITSAC that e-MOU 2.0 is in progress and under revision. E-MOU 2.0 will be circulating soon for peer review within the Coordinating Committee. OAG review will subsequently take place.

Mr. Mix discussed the Eligibility Modernization project status. Phase I is on schedule to deploy in August. This phase contains all non-MAGI functionality. Phase II is on schedule for the first quarter in 2016 and includes TANF, SNAP, and LIHEAP. Mr. Mix discussed the Care Management project status. The immunization registry is on schedule and will be implemented in August.

Looking forward, eHHR is preparing initiatives for the next biennium budget cycle. Mr. Mix reviewed the topics under consideration. Mr. Mix encouraged agencies to take the time to request new projects. The eHHR Program Office function will formally close in the last quarter of 2015 as eHHR transitions to an HHR Secretariat Enterprise Center of Excellence.

Chairman Ruffin opened the floor to additional questions from HITSAC members. Seeing none, Chairman Ruffin closed the eHHR status report item.

Virginia Department of Health Status Report

Debbie Condrey, the Chief Information Officer of the Virginia Department of Health (VDH), gave the status report for VDH.

Full access to All Payer Claims Database (APCD) data has been provided to participating health plans, hospitals and to the Department of Health, representing one of the largest and fastest APCD implementations to date and a major achievement for health transparency in the Commonwealth of Virginia. Next steps include convening the APCD Advisory Committee to develop an application process for APCD data. VDH has submitted a budget request to help sustain APCD going forward.

Ms. Condrey announced that the Vital Records/Ancestry Project went live on June 2nd via press release and media event with Governor McAuliffe. This collaboration with Ancestry was created through 2012 legislation and digitizes over 16 million vital records, both public and non-private. Ancestry bore the cost of the digitization. Public information includes everything but redacted medical information and social security numbers. An associated image of digitized documents is included, but requires an Ancestry membership. For non-public records, only the name, location, data and event are displayed; no images are available. Paper copies of documents will be moved to the Library of Virginia.

Phase two of the Vital Records/DMV collaboration goes live in mid-August. Since March 2014, DMV offices have issued birth certificates; over 130,000 have been issued thus far. In August, citizens will be able to acquire copies of death, marriage and divorce records; these are digitized images from the Ancestry project. In the next five years, all records will be digitized. No funding is attached to this collaboration.

Ms. Condrey provided an update on the VDH Informatics Program. VDH is moving toward being a data-driven organization and continues to build out its informatics team. Dr. Joseph Grubbs will tentatively provide an update on the VDH Informatics Program at HITSAC's October meeting.

VDH is responsible for creating a population health plan; State Health Commissioner Dr. Marissa Levine has taken the lead on this effort. VDH is also in a lead role for creating the Health Information Technology for the State Innovation Model (SIM) grand planning period. The draft will be available by end of August. Beth Bortz will tentatively give an update on the SIM grant efforts at the October HITSAC meeting.

Chairman Ruffin opened the floor to additional questions from HITSAC members. Seeing none, Chairman Ruffin closed the VDH status report item.

Commonwealth Authentication Service Status Report

Sheila Rodis-Bradshaw, DMV Project Manager for the Commonwealth Authentication Service (CAS), provided the CAS status report.

There are currently over 650,000 accounts in CAS, a 30% increase since the last report. Of these accounts, 60,000 are level two accounts. CAS/EC2 (Enhanced Credentialing) has requested a voluntary suspension of EC2 development and production implementations in order to allow for time to re-evaluate remaining scope and deliverables, and to secure additional funding if necessary. The User Experience Monitoring solution has been delivered in a non-production environment and VITA is currently evaluating implementation strategies.

Looking forward, Impact Makers is performing a CAS Product Assessment to validate the effectiveness, sustainability and strategic impact of the CAS solution, with results expected by the end of this month. The CAS Leadership Team is developing an updated CAS Business Plan, with a first draft to be presented to Secretary Hazel by the end of June 2015. A strategic CAS Roadmap, focusing on the key technical and business opportunities to enhance the CAS solution, has been developed and is under review.

CAS is funded through a grant, which will end in September if not extended. CSDII advancement is limited by the need of agencies who need an external vetting source. Remote Identity Proofing can be an alternative solution for Medicaid programs.

Chairman Ruffin opened the floor to additional questions from HITSAC members. Seeing none, Chairman Ruffin closed the CAS status report item.

Chairman Ruffin recessed the meeting for lunch at 12:11 p.m.

Chairman Ruffin called the meeting back to order at 1:07 p.m.

Presentations

2014 HITSAC Annual Report

Chairman Ruffin called for Nicole Helmantoler to review the 2014 HITSAC Annual Report. A draft of the report had previously been circulated to HITSAC members for review.

Chairman Ruffin requested a motion to approve the 2014 HITSAC Annual Report and submit to ITAC. A motion was made by Mr. Pollack and seconded by Dr. Harrison. The request was unanimously approved.

The New Virginia Digital Identity Law

Chairman Ruffin called for Tim Reiniger, Information Law and Policy and Privacy Risk Management Counsel, FutureLaw, LLC, to give a presentation on the new Virginia Digital Identity law.

Mr. Reiniger provided a brief history on the Virginia Digital Identity Bill. Governor McAuliffe signed the bill into law effective July 1, 2015, making the Commonwealth of Virginia the first state to enact an electronic identity law, and the first in any common law jurisdiction in the world.

The Digital Identity law provides a common legal framework for identity system participants, creates the Commonwealth Identity Management Standards Advisory Council, provides limitation of liability for identity providers and identity trust framework operators, and creates additional relying party incentives.

Mr. Reiniger highlighted definitions found in the law. Virginia Identity Management Standards are based on 1) nationally recognized technical and data standards regarding the verification and authentication of identity in digital and online transactions, and 2) any other related data standards or specifications concerning reliance by third parties on identity credentials. Mr. Reiniger stressed that HITSAC should be heavily involved in the second point. Health care considerations for the standards effort include: existing HITSAC standards relating to identity, patient consents for access, use and disclosure, licensing regime for patient authorization, use-managed access, and trust marks. These considerations relate to issues of remote identity medicine – personalized medicine and telemedicine. Chairman Ruffin asked for more information regarding the [Kantara Initiative](#). Although not involved, Mr. Reiniger explained that it began as the Liberty Alliance and is a trust framework focused on health care.

Chairman Ruffin asked how long it will take before the infrastructure for the Digital Identity law will be applied. Mr. Reiniger explained that the law builds on existing standards for identity management. On behalf of HITSAC, Chairman Ruffin has offered to contribute to this law. Mr. Reiniger implored HITSAC to give thought to the application of this law to past and existing efforts. The health care community's reliance on digital authorization standards differs from other communities such as banking. Chairman Ruffin is interested in exploring the technological options and capabilities of physiological identification.

COV Information Security Program and Threat Overview

Chairman Ruffin called for Michael Watson, Chief Information Security Officer, VITA, to present an overview of Commonwealth security standards. The FBI and Homeland Security has recently briefed various health care executives on concerted effort to steal medical records.

Mr. Watson demonstrated the scope of Commonwealth of Virginia's IT infrastructure, as well as the current privacy landscape. Data records lost or stolen in 2014 amount to over \$1 billion, and breaches are not only continuing, but getting more creative over time. More complex attacks are happening more frequently and are line with averages in the industry. The public sector tends to be more transparent about incidents; if private industry measured incidents in the same way, they would be likely to have similar numbers.

According to the 2014 Deloitte-NASCIO Cybersecurity Study, budget limitations are cited as a main reason as to why agencies struggle in order to meet security requirements; strategy is another reason. Agencies want to do the right thing but do not have the money to support efforts. A survey of 49 states responses state that cybersecurity budgets need to be higher. Public sector budgets average less than 1%, while private sector budgets are around 3%. The Commonwealth is in the less than 1% range. There is a budget-strategy disconnect in the Commonwealth that VITA is working to address.

Mr. Watson discussed common methods and frequency of cyberattacks faced by government, citing "hacktivism" and website defacement. The Commonwealth was the first state to adopt the NIST Cybersecurity Framework. VITA sets governance requirements for all agencies. Encryption is not currently mandated due to budget constraints. Employees are advised to resist sending sensitive messages via email. The IT Security Audit Program audits sensitive systems every three years. The Risk Management Program requires updates done to risk assessments each year. A business impact analysis must be done each year.

ConnectVirginia New Functionality

Chairman Ruffin called for Michael Matthews, CEO, MedVirginia, to present ConnectVirginia's new functionality.

Mr. Matthews reviewed ConnectVirginia's background, its transition from contract to corporation., and its three major initiatives: 1) public health reporting, 2) query-retrieve model through eHealthExchange, and 3) Encounter Alerts.

ConnectVirginia's Encounter Alerts service provides a secure, electronic daily notification to treating providers when certain health care encounters occur for any of their patients. Participating health systems and hospitals provide Admission-Discharge-Transfer (ADT) messages to ConnectVirginia, which are used to identify patient admissions, inpatient discharges and emergency department encounter for specific patient populations. ConnectVirginia is operating an Encounter Alerts pilot in Northern Virginia with Inova Health System. Inova Health System delivers ADT messages to ConnectVirginia's Alert Aggregator in real-time, which are then pushed to the PM system. Chairman Ruffin said that the University of Virginia and Virginia Commonwealth University would benefit from this service as well.

Mr. Matthews discussed the ONC grant approach, which has the opportunity for tremendous positive impact on workflow and quality of care. Chairman Ruffin asked about any concerns

relating to patient consent in fetching this data. Mr. Matthews explained that in regards to Veterans Affairs, veterans opt in for data to be sent. ConnectVirginia is only automating information that to which providers already have access.

PUBLIC COMMENT

Chairman Ruffin called for public comment.
Seeing none, Chairman Ruffin closed the public comment item.

ADJOURNMENT

Chairman Ruffin opened the meeting for any final comments from the HITSAC committee.
Seeing none, Chairman Ruffin requested a motion to adjourn the meeting. A motion was made by Mr. Quinn, and the meeting was adjourned.