



The BEAT



THE NEWSLETTER OF THE SOLUTION DELIVERY DIVISION

IN THIS ISSUE

Selection for the Next Generation EHR	1
SDD At-A-Glance	2
Leadership Message	2
2015 Defense Health Information Technology Symposium	3
Health, Safety and You	3
Blood Management Blood Bank/Transfusion Service Goes Live	4
ABACUS Deploys Across MHS	4



Selection for the Next Generation EHR

A faint drumroll sounded at the Pentagon on Wednesday, Jul. 29 as the Department of Defense (DoD) officially announced its decision to award Leidos, with partners Cerner and Accenture Federal, the contract to overhaul the Pentagon's electronic health records (EHR) for 9.5 million active military members, their families and retirees. The \$4.3B contract stands as one of the largest health information technology contracts in U.S. history awarded by the DoD for its global Military Health System.

Interoperability proved a key criterion in the unprecedented system requirements. The new system will make the health records of more than 9.5 million beneficiaries accessible wherever they are treated: on the battlefield, at a medical treatment facility, the Veterans Administration or a civilian hospital around the globe. The military's modernized EHR system was chosen in a 22-month Defense Healthcare Management Systems (DHMS) procurement effort. Officials anticipate the software will fully deploy by the beginning of 2023 and be used at all of its 1,230 worldwide hospitals, clinics and expeditionary units.

The Solution Delivery Division assumes a significant responsibility in this modernization and works closely with the DHMS partners. SDD's core lines of effort include: establishing a new program management office to assume sustainment at the completion of the DHMSM deployment; effectively managing integration with the current portfolio to include required system interfaces and rationalization; and



The EHR system will transform the delivery of care in the MHS.

integrating the deployment and training resources for both implementation and long-term sustainment activities. Additionally, SDD staff currently leads several multi-service teams in the areas of business process reengineering and design. According to LTC Richard Wilson, "Transitioning from the current EHR management system will require operating in a dual environment, simultaneously providing data to both the new and current technology platforms. We do not take this lightly and recognize the criticality of maintaining the required clinical and business tools. It's imperative that we prioritize transition management to ensure minimal challenges for the user".

No doubt, the military's modernized EHR system will transform the delivery of care in the MHS. In the meantime, it remains critical for SDD to focus on the current record, ensuring the users and stakeholders receive the tools and training required to effectively manage patient health throughout the continuum of care.



SDD Portfolio

- The SDD portfolio delivers the functional benefits of information technology to drive health care to health
- Global reach in all military treatment facilities (MTF)
 - 63 hospitals, 5,519 beds
 - 413 medical clinics
 - 375 dental clinics

Direct Impact to MTF Operations

- 9.5M beneficiaries with clinical data
- 95K+ active users, 125K+ end-user devices
- 150K+ new encounters daily
- Process nearly 25K requisitions and \$13M+ in medical supplies and pharmaceuticals daily
- Near real-time global medical surveillance
- Support patient safety, nutrition services, blood programs, occupational health, and more

Clinical EHR Solutions

- AHLTA – outpatient EHR
- Essentris® – inpatient EHR
- CHCS – appointing and ancillary
- Secure Messaging and TOL Patient Portal
- EHR Sustainment – transition to new, modernized EHR
- HAIMS – artifacts and imagery
- EBMS – blood product management

Business & Administrative Solutions

- DMHRSi – medical human resources
- DMLSS – medical logistics
- ESSENCE – syndromic medical surveillance
- JCCQAS – credentialing
- iMEDCONSENT – patient consent
- S3 – surgical scheduling
- PSR – patient safety
- eIRB – research support
- CCE – medical coding assistance

Message from SDD Division Chief

As FY 15 comes to a close, the Solution Delivery Division (SDD) stands ready for yet another successful year. This year proved quite busy as we reorganized SDD, merging the Defense Health Clinical Systems and Defense Health Services Systems and recently announced the official contract award of the new electronic

health record (EHR) to Leidos, with partners Cerner and Accenture Federal. I encourage you to read our cover story highlighting this acquisition and plans for release.

Inside you'll note our current deployment efforts for the Armed Services Billing and Collection Utilization Solution (ABACUS). This will bring a modernized billing solution for the enterprise. I encourage you to read more about this initiative and our current efforts in our Product Spotlight section.

Our Product Spotlight also highlights a big win for SDD and the EHR Core team. The Blood Management Blood Bank and Transfusion Service (BMBB/TS) completed worldwide deployment



LTC Richard A. Wilson,
Division Chief, SDD

in August 2015. This extraordinary system implementation effort included successfully training more than 400 end users, completing system installation activities at each site and migrating each site's Defense Blood Standard System legacy data into the new system. Kudos to all team members as well as to you, our users and stakeholders

who made this happen. I understand the preparation required for system updates and training, and I appreciate all you did to help us meet this significant goal.

In closing, I invite you to visit our SDD News subscriber page at <https://public.govdelivery.com/accounts/USMHS DHSS/subscriber/new> and register for topics of interest. Our news and events channels provide system updates and tips to help you optimize your experience with our applications. Our system outage channels provide timely system outage and maintenance messages to help you manage your busy day.

Thank you for your continued support and dedication to improve the lives of those who give so much.

Visit [SDD News Subscriber](#) page to register for topics of interest.

2015 Defense Health Information Technology Symposium

The Defense Health Information Technology Symposium (DHITS) commenced Aug. 18 showcasing the latest initiatives in health information technology (IT) throughout the country, and the Solution Delivery Division (SDD) supported this effort providing both event presentations and exhibitions. This year's theme, "Change is Inevitable: Supporting the MHS through HIT," highlighted the recent changes within the Defense Health Agency (DHA), capitalizing on the organization's ability to continue to thrive through change.

DHITS provided an opportunity for 1,000 military leaders, experts in health IT, medical and business professionals to discuss health IT priorities and the way forward to enhance support for the entire health care enterprise. Lt Gen (Dr.) Douglas J. Robb, Director, DHA, MD opened the symposium, motivating the attendees to stay focused and ready as we transition to the new electronic health record (EHR). He congratulated DHA partners at the Defense Healthcare Management Systems for their critical work to acquire the new EHR.



Mr. David Bowen and his division chiefs address attendees at DHITS.

This three-day event allowed providers, clinicians and medical staff throughout the Military Health System (MHS) to convene in one location to share ideas and discuss priorities and initiatives that support and enhance the current EHR as well as work with the infrastructure and operations team to ensure a solid foundation for future initiatives. Providing more than 50 working sessions and an extensive exhibition showcase, DHITS encouraged networking and stakeholder engagement. SDD provided 10 event presentations highlighting current sustainment initiatives and supporting the DHA booth, demonstrating products and initiatives currently in use at military treatment facilities throughout the MHS.

DHITS concluded Thursday, Aug. 20 with a panel hosted by Mr. David Bowen, Director, Health Information Technology (HIT) and his Division Chiefs, including the SDD Division Chief, LTC Richard Wilson. Participants used this time to ask questions and seek additional guidance from leadership regarding current infrastructure and plans for future deployments and enhancements to the EHR. Mr. Bowen thanked the participants for their attendance and reminded them of HIT Directorate mission, "to provide the right information to the right customers at the right time to improve and maintain the health status of our beneficiaries across the entire continuum of health care operations".



Everyone knows smoking endangers your health, but quitting requires a daily commitment. According to the U.S. Surgeon General, a body starts to recover, minute-by-minute, day-by-day, year-by-year. Here are the impacts of winning by quitting for good!

- First 20 minutes after quitting: Your blood pressure and heart rate recover from the cigarette-induced spike.
- After 12 hours of smoke-free living: Carbon monoxide levels in your blood return to normal.
- After two weeks to three months of smoke-free living: Circulation and lung function improves.
- After one to nine months of smoke-free living: Clear and deeper breathing gradually returns as coughing and shortness of breath diminishes. You regain the ability to cough productively instead of hacking, which cleans your lungs and reduces your risk of infection.
- One year after quitting smoking, a person's excess risk of coronary heart disease is reduced by 50%.



Find support for quitting at UCanQuit2.org



QUIT TOBACCO
UCanQuit2.org

Product SPOTLIGHT

Blood Management Blood Bank/Transfusion Service Goes Live!



The DoD is the first in the world to have an enterprise blood management system.

Since 1991, the Defense Blood Standard System (DBSS) provided automated support for military blood management and transfusion services. With the initiative to incorporate commercial-off-the-shelf products to provide comprehensive information management and technology modernization, the

Department of Defense (DoD) replaced the legacy DBSS with the Enterprise Blood Management System (EBMS). EBMS is comprised of two capabilities, Blood Management Blood Bank and Transfusion Service (BMBB/TS) and Blood Donor Management System (BDMS).

As of August 2015, BMBB/TS is fully deployed and operational in 60* military treatment facilities worldwide. BMBB/TS replaces the transfusion capabilities of DBSS, enhancing the DoD's Blood Program capabilities for a seamless integration of blood banking and transfusion activities, products inventory management, transport, availability and traceability from transfusion

to disposition or destruction within the electronic health record.

This extraordinary system implementation effort included successfully training 400+ end users, completing system installation activities at each site and migrating each site's DBSS legacy data into the new system. BMBB/TS will contribute to improve patient care and support the accuracy and timelines of global blood banking/transfusion activities. This tool will make the DoD first in the world to have an enterprise blood management system.

*U.S. Naval Hospital Guantanamo Bay deployment is on a strategic pause and will be reinitiated upon completion of the upgrade to their network infrastructure.

HAIMS

DID YOU KNOW?

Congratulations to the Health Artifact and Image Management Solution (HAIMS) team who successfully transitioned to NetScaler Load Balancers at BAMC, LPMC and WRNMMC. This implementation is the first part of a three-phase implementation that will provide the following:

- Smarter load balancing
- Seamless failover capability
- Single URL for all users to access HAIMS

ABACUS Deploys Across MHS

The Armed Services Billing and Collection Utilization Solution (ABACUS) is currently in deployment across the Military Health System (MHS). ABACUS will help the MHS manage the billing and collection activities for the Services' Uniform Business Office cost recovery programs. ABACUS replaces the current Third Party Outpatient Collection System (TPOCS) and consolidates all MHS medical billing, including Medical Affirmative

Claims (MAC) and the manual Medical Services Account (MSA) in the Composite Health Care System, under one information technology solution.

The ABACUS deployment team is transitioning over 130 TPOCS locations using a "virtual" deployment approach that does not require onsite deployment personnel. The deployment team is also providing just-in-time computer based training to allow the local billing

offices to maximize their efficiency and effectiveness during the deployment.

The Solution Delivery Division (SDD) has created an email channel to keep our ABACUS customers informed of important changes and updates. Simply visit the link to our SDD Subscriber Page at: <https://public.govdelivery.com/accounts/USMHS/DHSS/subscriber/new> and register for ABACUS News and Events.