The BEAT

THE NEWSLETTER OF THE SOLUTION DELIVERY DIVISION

IN THIS ISSUE

SDD UIB Prepares Military Hospitals for MHS GENESIS

The Solution Delivery Division (SDD) User Integration Branch (UIB) is responsible for providing critical training and decommissioning activities to support the new Department of Defense (DoD) electronic health record, MHS GENESIS. The fully integrated medical and dental record will support the availability of electronic health records for more than 9.4 million DoD beneficiaries and approximately 205,000 Military Health System personnel globally. It enables the application of standardized workflows, integrated health care delivery, and data standards for the improved and secure electronic exchange of medical and patient data. When fully deployed in 2022, MHS GENESIS will provide a single health record for Service members, veterans, and their families.

In order to mitigate any disruption in military hospital operations during the transition to MHS GENESIS from legacy health care applications, like AHLTA, Composite Health Care System, and Essentris®, extensive staff training and support is required.

Preparation is the key to overcoming this challenging task. SDD UIB teams begin onsite support activities, including finalizing decommissioning plans, conducting training and collecting lessons learned, 120 days before the go-live date in an effort to ease the transition for our clinicians and staff while simultaneously ensuring the very best care is delivered to our patients.

"It's never too early to start preparing!" explained UIB Chief Dr. Brian Jones. "Even sites who will not receive MHS GENESIS for a while can apply simple lessons learned today to help ease the transition."

The following tips are recommended to prepare sites for MHS GENESIS implementation:

1. 120 Days Before Go-Live: Close Open AHLTA Encounters

2. 90 Days Before Go-Live: Create AHLTA Web Print Accounts

3. 90 Days Before Go-Live: Conduct Joint Legacy Viewer Refresh and New User Training

4. 30 Days Before Go-Live: Remove AHLTA Icons From End-User Desktops

For more information about SDD training and or decommissioning support, please visit the UIB milSuite page.

Solution Delivery Division is a component of the Military Health System.

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SDD AT-A-GLANCE

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)
  - 55 hospitals, 5,519 beds
  - 373 medical clinics
  - 245 dental clinics

Direct Impact to MTF Operations

- 9.4M 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
- TOL Patient Portal and Secure Messaging
- 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
- JPSR - patient safety
- EIRB – research support
- CCE – medical coding assistance

Message from SDD Division Chief

As we approach the holiday season and wrap up the first quarter of Fiscal Year (FY) 2018, I am shocked at how quickly the months have passed! But times flies when you are having fun, right? As evidenced by the cover story, our Solution Delivery Division (SDD) has been busy supporting the deployment of the military's new integrated electronic health record, MHS GENESIS. In addition to supporting deployment and decommissioning activities, SDD teams remain responsible for the maintenance of more than 70 military health information technology applications across the globe. Keep reading to learn more about some of SDD's recent accomplishments.

COL Richard A. Wilson, Division Chief, SDD

First we explore how the Aeromedical Service Information Management System and the Space and Naval Warfare Systems Center Atlantic Cyber security teams keep our Military Health System safe from cyber-attacks. Then on page 4 we introduce a new SDD Program Management Office (PMO), the Web & Mobile Technology PMO, which will provide both web and mobile solutions and we share where customers can go to access Electronic Institutional Review Board product information. Next our "Product Spotlight" features an enhancement to the TRICARE Online Patient Portal Blue Button offering parents access to personal health data for their kids under 12. We wrap up with the most significant Defense Occupational and Environmental Health Readiness System Industrial Hygiene deployment in years, an enhancement that integrates the Military Exposure Surveillance Library, supporting the Individual Longitudinal Exposure Records platform and giving Department of Defense occupational and environmental health specialists convenient access to consolidated surveillance data.

We are honored for the opportunity to provide health information technology solutions in support of our Service members and their families and look forward to another productive calendar year. Best wishes, from all of us at SDD, for a fun and safe holiday and a very happy new year!

Visit SDD News subscriber page to register for topics of interest.

Happy Holidays

ASIMS & SPAWAR Teams Thwart Cyber Security Attack

The Aeromedical Service Information Management System (ASIMS) and the Space and Naval Warfare Systems Center Atlantic (SPAWAR) Cyber security teams successfully detected and countered an authorized "Red Team" attempt to compromise the ASIMS website on Oct. 20.

The "attack" was part of Operation WhiteKnuckle, a DHA-authorized operational security assessment by the SPAWAR Systems Center Atlantic Red Team of the Military Health System Intranet (MHSi), Medical Community of Interest (Med-COI) network, and all DHA entities that receive Cybersecurity Service Provider services. ASIMS is managed by SDD's Clinical Support PMO and is used by the Air Force to track medical readiness.

"SDD takes cyber security very seriously," said Christopher Harrington, acting SDD Chief Operations Officer. "The ASIMS team's success at detecting and countering this test attack is the product of a significant investment in the security of our customer's health information. The procedures these teams put in place worked well and will be continually refined going forward to adapt to future threats."

The teams had no advanced warning that the ASIMS website would be targeted, but they quickly spotted and blocked the intrusion attempt and isolated the associated accounts. The teams promptly collected logs on the attack and precisely followed protocol to report the incident to the appropriate information system security manager.

HIT AWARDS FY QUARTER 4

The Health Information Technology Service Member awards program was developed to recognize enlisted personnel, company grade officers, and field grade officers who performed their military duties in an outstanding manner; provided outstanding service to their community; and demonstrated commitment to self-improvement during a particular period.

Service Member of the 4th Quarter
HM1 Gary Skaggs, Junior Enlisted

Service Member of the Year
TSgt Brian Harrison, Junior Enlisted
Capt. Ildar Ibragimov, Company Grade Officer

2017 BEST of milSuite Awards

Congratulations to SDD, PSB and Dr. Jones for their wins on BOMA 2017! The BOMA recognizes milSuite content owners who have been most successful at using the tool to enhance secure collaboration and communication methods within the United States Department of Defense. Please click on the categories to the right to go to the award winning page.

| Best - Connect |
| --- |
| Dr. Brian Jones |
| **Best - Learn** |
| Solution Delivery Division |
| **Best - Multi-Platform** |
| Program Support Branch |
| **DoD / Joint (User generated)** |
| Program Support Branch |
| **DoD / Joint (Official)** |
| Solution Delivery Division |

SDD SPOTLIGHT

PMO / BRANCH SPOTLIGHT:
Web & Mobile Technology Program Management Office

The Solution Delivery Division (SDD) recently established the Web & Mobile Technology (WMT) Program Management Office (PMO) to develop, sustain and support innovative Military Health System (MHS) web- and mobile-based applications and systems. SDD formed the PMO by integrating the former Web Strategies and Collaboration (WSC) Branch with resources from the Department of Defense National Center for Telehealth & Technology to create a PMO that delivers both web and mobile solutions to SDD customers. Among other web services capabilities, WMT provides user experience and interface design and support; web asset development and design services; web migration, transition and integration support; and Cloud solutions. WMT's mobile support capabilities include biosensors; 2D and 3D graphics; software engineering; MHS mobile support; and encryption. Web projects include SharePoint 2013/LaunchPad deployment; LaunchPad/CarePoint/ Air Force Medical Service Knowledge Exchange consolidation; and the Health Information Technology Customer Portal, among others. WMT mobile specialties feature Telehealth; mHealth; and suicide surveillance and prevention tools.

PRODUCT SPOTLIGHT:
Parents Can Now Access Kids' TOL PP Personal Health Data

In an effort to improve patient experience and provide online access to information that better assists family health care management, on 9 November, the TRICARE Online Patient Portal (TOL PP) released an enhanced Blue Button capability allowing parents to access Personal Health Data (PHD) for their children under 12 years old. TOL PP PHD includes outpatient encounters, problem lists, medications, allergies, laboratory and radiology results, vital signs and immunizations. The capability comes as a direct result of user feedback.
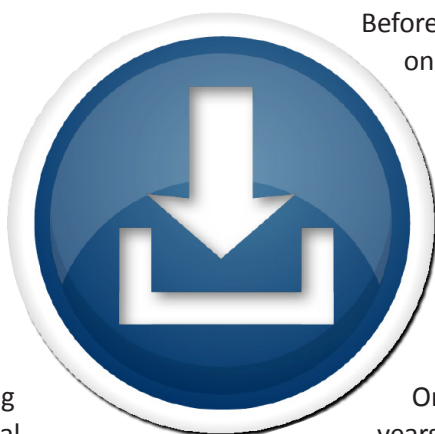

Before this release, users could only access their own PHD.

Please note, due to State law requirements, parents will lose the ability to view their children's PHD when the children turn 12. Once the children are 18 years old, they are eligible to create their own TOL PP account and will have access to their own PHD. For children aged 12-18, parents should contact the children's military hospital or clinic to request access to PHD.

To view your child's PHD or your own, visit the TOL PP.

EIRB milBook Provides Product Information
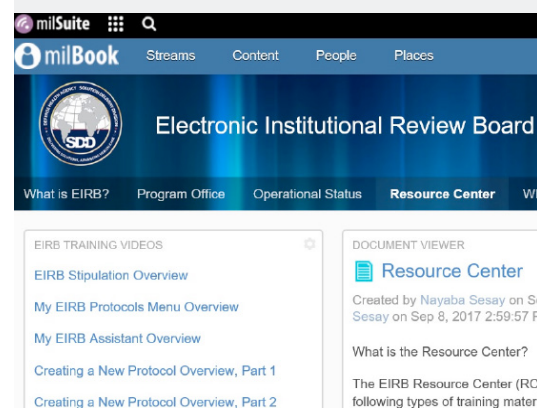
The Solution Delivery Division Stakeholder Engagement Branch teamed with the Electronic Institutional Review Board (EIRB) team to develop an EIRB milBook page. The milBook page went live in September and provides stakeholders a secure platform to easily access the EIRB fact sheet, training videos, release notes, planned down times and more. It can be accessed with a common access card here.

EIRB is a web-based application for submission, management and regulatory oversight of human and animal research for the Department of Defense. The system was modernized to meet ongoing demands and changes in research administrative needs and reporting capabilities while ensuring continued standardization and harmonization of research processes. The system is designed to manage work-flow processes for Institutional Review Board and Animal Care and Use Committee reviews. It can also be used to manage scientific review, publication clearance and other research review related activities.

DOEHRS-IH Supports ILER With MESL Integration

On 18 September, the Defense Occupational and Environmental Health Readiness System Industrial Hygiene (DOEHRS-IH), an application managed by the Solution Delivery Division (SDD) Clinical Support (CS) Project Management Office (PMO), made significant enhancements involving the integration of Military Exposure Surveillance Library (MESL) to support and complement the Individual Longitudinal Exposure Records (ILER) platform.

DOEHRS-IH is a web-based application that allows the Department of Defense (DoD) to manage occupational and environmental health risk data, and actively track biological, chemical, and physical health hazards to Service members worldwide. The MESL, formerly run by the United States Army Public Health Center, is composed of two primary elements, a Document Library System, and a separate section for Periodic Occupational and Environmental Monitoring Summaries and Incident Reports. The Document Library provides Occupational Health (OH) and Environmental Health (EH) personnel the ability to submit occupational and environmental health (OEH) documentation through DOEHRS-IH.

The OEH exposure summaries within MESL provide information regarding chemical, radiological, infectious disease, noise, or other potential OEH hazards that have been identified and evaluated at selected deployment and field locations. Furthermore, it includes content on members of the other Services who served at the identified locations. These exposure summaries may be used to address medical documentation requirements and recommended medical evaluation follow up.

ILER will serve as the central hub for all this exposure related data and will collate, present and provide available OEH exposure information to support DoD and Veterans Affairs. In doing so, ILER will improve medical care for those who have experienced exposure related health outcomes and will address the need for identifying, tracking, and monitoring exposed individuals.

 "This is probably the most significant enhancement we have made to DOEHRS-IH in the last five to seven years," noted Mr. Robert Bell, acting Deputy Program Manager, CS PMO Medical Logistics and Surveillance Systems.

DID YOU KNOW?

New SEMOSS Training is Available

The Solution Delivery Division's EHR Modernization Program Management Office recently launched a new training series on how to use Semantic Open Source Software (SEMOSS). SEMOSS is the integrated analytics platform that combines data portals, visualizations and algorithms into a single environment to facilitate the transition to MHS GENESIS by analyzing systems for redundant capabilities. Decision makers can observe the potential cost reductions achieved by modernizing a system or view what capabilities will be lost if it is decommissioned.

All legacy system owners are now required to update their data within SEMOSS annually. SEMOSS training sessions are offered the second Thursday of each month from 2-3 PM at Skyline 2, Suite 1100. DCS and dial-in are also available. For more information please contact dha.semoss@mail.mil.