Federal Electronic Health Record Enhancements in **Capability Block 11**

FEDERAL ELECTRONIC HEALTH RECORD MODERNIZATION | DHMS Program Executive Office | VA | U.S. Department of Veterans Affairs — Electronic Health Record Modernization *Integration Office*

Capability Block 11 is part of a standard, biannual plan for the federal electronic health record (EHR) to enhance existing capabilities, introduce new interfaces, and remain current on software code. The release is scheduled to occur from August 16 to 23, 2024. Department of Veterans Affairs (VA), Department of Defense (DOD), Department of Homeland Security's United States Coast Guard (USCG), and Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) sites that are live with the federal EHR or affiliated with a live site (e.g., remote services) are part of the release. However, some updates are Department specific, depending on whether the Department uses the platform, capability, feature, or interface included in the release to deliver care at any of their sites. **For Captain James A. Lovell Federal Health Care Center (Lovell FHCC), some updates impact only DOD patient care locations (PCLs) or VA PCLs. PCLs refer to the location where care is rendered.**

Note: Information is subject to change. For more information about a Capability Block 11 update, its latest status, and related training materials, please consult DOD and VA specific materials available at **Information Portal** (DOD) and **Sustainment Resource Center** (VA). End users (i.e., clinicians, nurses, administrations, etc.) should log tickets for issues. Post-release support calls will be scheduled to report and assess any related issues and defects identified for expediting resolution activities.

Platform/Capability/ Feature/Interface	Description of Benefit	DOD	VA	Lovell FHCC
Platforms (a system of hardware/software technologies that serve as the foundation for applications, services, and/or components)				
Millennium 2018.19[1]	Provides numerous enhancements and corrections for various solution areas.	X	X	X (DOD and VA PCLs)
MPages 8.9[1]	Provides numerous enhancements and corrections for various solution areas.	X	X	X (DOD and VA PCLs)
Oracle Health Interface Engine (OPENLink) 25.4 Upgrade	Provides currency of applications for support and maintenance, minor bug fixes, and new functional items in the backend space.	X	X	X (DOD and VA PCLs)
Nuance Platform Upgrade/ Dragon Upgrade (DMS 2022.4.2, NMS 6.17.138.0)[1]	Aligns DOD and VA to the same code level, provides security updates to third-party components and temporary file cleanup (improves usage of disk space), and resolves issues with seeing duplicate option.	X	X	X (DOD and VA PCLs)
MHS VC 1.3.11.0 Platform Upgrade[1]	Provides software upgrades that will improve appointment notifications.	X		X (DOD PCLs Only)
DXE 11.0.43.23 Platform Update[1]	Provides several enhancements and corrections.	X		X (DOD PCLs Only)
Capabilities (unique features, workflows, and/or interfaces) and Features (part of capability's total functionality or any item that enhances a capability)				
Medication Inventory Correction	Improves the accuracy of medication item inventory counts for end users.		X	X (VA PCLs Only)
Mobile Home-Based Primary Care (HBPC) Solution	Allows HBPC clinicians to access critical components of the federal EHR and the patient record without internet access.		X (Columbus Only)	
Multum Three Drug Image	Enables end users to receive medication information (images, shape, scored, color, drug ID, and imprint) from the more comprehensive Medication Image Library database so pharmacy staff can more accurately identify medication.	X	X	X (DOD and VA PCLs)
Patient Portal Modernization - Part 3[1,2]	Modernizes appointment and medication management within the patient portal. Improves cybersecurity features. Impacts Service members and Veterans, but not end users (i.e., clinicians, nurses, administrations, etc.).	X	X	X (DOD and VA PCLs)
Radiology Split Billing	Improves billing services. Radiology Split Billing now assigns charges based on the specific reading location for each service, ensuring accurate billing and improved revenue capture.	X		X (DOD PCLs Only)

[1] These updates also benefit USCG.

[2] This update also benefits NOAA.

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Interfaces (a connection between two or more systems where an exchange of data occurs)				
Bed Management System (BMS) v3	Adds icons to BMS to indicate transmission-based precaution (TBP) orders for COVID-19, removing the need for manual entry of information and ensures consistency of information in BMS and Capacity Management.		X	X (VA PCLs Only)
Document Storage Systems (DSS) Dental Record Manager (DRM) Plus v5	Provides backend application updates and overall maintenance improvement. Although there is no impact expected to end users, end users will be required to log out and log back in after the implementation is complete.		X	X (VA PCLs Only)
Foundation Medicine (FMI)	Allows users to electronically send orders to FMI and receive a PDF of the results. This will remove the need for end users to print or scan information, improving efficiency and reducing errors that may cause delays in clinical decision making. Additionally, the genomic profile in test results will provide physicians with clinically actionable information.		X (Columbus Only)	
Karl Storz StreamConnect	Allows clinical users at Lovell FHCC to continue to capture videos and still images for ongoing clinical care and treatment of patients. This functionality was previously available at the site before go-live.		X (Lovell FHCC Only)	X (VA PCLs Only)
Pitney Bowes Planet Press Connect	Enables end users to send patient and community care letters created in PowerChart to a remote printing facility for batch printing and bulk mailing. End users will no longer have to print and mail patient test results locally from their site. This will be especially valuable for Veterans who do not use the patient portal to view their health data. Additionally, test results will be communicated to Veterans in compliance with VHA Directive 1088.		X (Lovell FHCC Only)	X (VA PCLs Only)
Provation MD	Reduces duplicative documentation and potential human error while transcribing.		X (Columbus Only)	
TCGRx	Aligns White City Pharmacy interface infrastructure with other federal EHR sites that currently have TCGRx equipment. The interface will allow the ability to automate the pre-packaging and cart-filling process when the site fully implements the capability.		X (White City Only)	
VistA Prosthetics v5	Streamlines clinical workflows, providing more efficient patient care for Veterans to receive their prosthetics orders.		X	X (VA PCLs Only)
Virtual Care Manager (VCM) v2	Removes the need for end users to have to switch between VCM and the federal EHR, reducing the time currently needed to review patient data.		X	X (VA PCLs Only)
Bedmaster EX	Eliminates the need to print waveform strips from the bedside patient monitor and scan them into the patient record.		X (Lovell FHCC Only)	X (VA PCLs Only)
Payer Compliance Tool (PCT)	Makes Accounts Receivable comments, claim level, line level, and procedure level data available in the PCT application.		X	X (VA PCLs Only)
National Technology Program (NTP) NextGen Picture Archiving and Communication System (PACS)	Allow for continuity of care and prevents delayed patient treatment as well as a potential need to hire additional radiologists for 24/7 coverage.		X	
VA Identity and Demographic Interface (IDI)	Adds a new special authority code for those eligible for Toxic Exposure Reporting Act (TERA) under the Promise to Address Comprehensive Toxics (PACT) Act. If a Veteran is eligible under the PACT Act, physicians will be able to apply the appropriate TERA designation on the encounter level. This will allow for appropriate downstream routing and co-payment determinations as applicable. Also, with this fix, updates to patient traits will be sent to VA Master Person Index in real time where basic data quality checks can be performed as currently done for VistA updates, reducing data quality issues. These benefits are part of a larger bundle of VA IDI updates, but are called out because of end-user impact. DOD is impacted by one modification in the bundle regarding the ADT message filter.		X	X (VA PCLs Only)
Computrition Interface Optimization	Automates the transmission of Tube Feeding, Oral Supplements, and Special Service Orders from the federal EHR to Computrition, eliminating manual data entry. Introduces new tube feeding and oral feeding PowerPlans. This reduces the manual burden on staff, allowing them to focus on patient interactions and critical job responsibilities.	X	X	X (DOD and VA PCLs)
Digital First: Scheduled Virtual Visits	Improves technology to create a more reliable and accessible end-to-end care experience. Limited to five DOD pilot sites (88th Medical Group at Wright-Patterson Air Force Base, Ohio; Martin Army Community Hospital, Fort Moore, Georgia; Naval Medical Center Portsmouth, Virginia; Naval Hospital Jacksonville, Florida; and 96th Medical Group at Eglin Air Force Base, Florida).	X (5 Sites Only)		