



DEFENSE HEALTH AGENCY
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DHA-IPM 24-003
April 19, 2024

MEMORANDUM FOR SEE DISTRIBUTION LIST

SUBJECT: System Positions and User Accounts Required for Medical Device Integration with
MHS GENESIS

References: See Attachment 1

The Defense Health Agency Interim Procedures Memorandum (DHA-IPM), based on the authority of References (a) and (b), and in accordance with the guidance of References (c) through (j), establishes DHA procedures to prescribe requirements, including limiting functions, for Healthcare Technology Management (HTM) professionals in MHS GENESIS – specifically, four Biomedical Equipment Technician (BMET) positions and two technical user accounts.

This DHA-IPM applies to the DHA enterprise (components and activities under the authority, direction, and control of the DHA, including assigned, attached, allotted, or detailed personnel), and the Military Departments.

MHS GENESIS is a role-based application; the workflows and activities each user can access relate specifically to the clinical, technical, or business roles they must perform. Some roles are grouped into sets of functionalities called system positions. Users have at least one role or position assigned and may have several. As clarified in Reference (d), end user competency must be established by completing specified training for each role or system position.

As indicated in Reference (e), major software upgrades to MHS GENESIS are released in blocks approximately every 6 months. The Block 9 MHS GENESIS software update added four HTM system positions intended for use by staff that support the integration of medical devices into patient care. These include “BMET Basic,” “BMET PathNet,” “BMET RadNet,” and “BMET Advanced.”

Two MHS GENESIS user accounts, iCommand and Cerner Connectivity Engine (CCE) Admin, are required to support the integration of medical devices into the Electronic Health Record system. These are technical accounts and they do not provide access to clinical applications. The iCommand account lets trained HTM staff and technicians view (and potentially change) the status of integrated medical devices and verify the flow of information communicating bidirectionally between the device and MHS GENESIS. The CCE Admin account provides HTM/BMET staff access and control of CCE appliances (secondary devices used to allow a medical device to communicate with MHS GENESIS). Completion of the Medical Device Integration (MDI) Fundamentals Certification Program is required for access

to these user accounts (and is also a training prerequisite for access to any of the BMET system positions described herein). Reference (f) includes a map of training required for access to the user accounts or BMET positions described in this DHA-IPM.

Users of the “BMET Basic” position will only have access to defined clinical applications, FirstNet and PowerChart. Training for “BMET Basic” is currently available. Access to other clinical applications (including SA Anesthesia and FetaLink) will require mastery of additional competencies. The prerequisite training to access these system positions is currently under development.

HTM/BMET staff are authorized to conduct over-the-shoulder support to nursing staff or clinicians, typically to provide assistance or advice regarding integration of medical devices with clinical workflows. In cases where a nurse or clinician is having difficulty associating a medical device with a patient, users with BMET positions are authorized to enter the live patient record to validate the reported issue and ensure the medical device integration is functioning. Staff logged into MHS GENESIS using any of the four BMET positions may only make changes to officially designated test patient records in production. Staff logged in with BMET positions are not authorized to modify actual “live” patient records in production at any time. This critical business rule is emphasized in training designated for all BMET positions.

Random auditing of MHS GENESIS records modified by BMET positions will be conducted using tools such as P2Sentinel to ensure proper procedure and data quality are being followed. MHS GENESIS end users assigned any BMET position are not authorized to change live patient records. Violations will result in suspension of the offending account.

For HTM/BMET staff whose work in MHS GENESIS requires access to any of the BMET positions or technical user accounts specified above, first obtain MDI Office approval, then request access using the standard MHS GENESIS account request process. Once approved, the training, when available, will be assigned in the learning management system. After completing the training for the designated BMET position, approved requests are directed to the Leidos Partnership for Defense Health Tier 3 for provisioning. The indication that a BMET position has been assigned to the requestor’s user account is a notification from the Military Health System Service Help Desk indicating that the requestor’s ticket is resolved.

Training is currently available for the “MDI Fundamentals Certificate Program.” Users who complete this training after approval from the MDI Office will be granted access to these

user accounts. When users complete training for “BMET Basic” with MDI Office approval, they will be granted access to the user accounts and to this system position. Courseware required for all BMET positions is indicated in Reference (f).

After training is completed and initial competency is validated, end users that have not used the system for 6 months or longer are provided a test-out option to validate continued competency.

For any questions regarding this guidance, please email the MDI Sustainment organization mailbox at dha.ncr.info-integ.mbx.mdi-sustainment@health.mil. For questions specific to obtaining access at military medical treatment facilities, contact the local Training Roles Manager.

This DHA-IPM is cleared for public release and is available on the internet from the Health.mil site at <https://health.mil/Reference-Center/Policies> and is also available to authorized users from the DHA SharePoint site at <https://info.health.mil/cos/admin/pubs/>.

The proponent of this publication is the DHA Chief of Medical Device Integration. When components and activities are unable to comply with this publication, they may request a waiver that must include a justification, including an analysis of the risk associated with not granting the waiver. The activity director or senior leader will endorse the waiver request and forward it through their supervisory chain to the MDI Office to determine if the waiver may be granted by the Director, DHA or their designee.

This DHA-IPM is effective upon signature. It will expire 1 year from the date of signature if it has not been reissued or canceled before this date in accordance with Reference (c).

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Director

Attachments

1. References
2. Glossary

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ATTACHMENT 1

REFERENCES

- (a) DoD Directive 5136.01, “Assistant Secretary of Defense for Health Affairs (ASD(HA)),” September 30, 2013, as amended
- (b) DoD Directive 5136.13, “Defense Health Agency (DHA),” September 30, 2013, as amended
- (c) DHA-Procedural Instruction 5025.01, “Publication System,” April 1, 2022
- (d) DHA-IPM 21-003, “MHS GENESIS Training,” March 10, 2022
- (e) DHA-PI 8430.01, “Health Informatics Responsibilities for Major Release Upgrades to Health Information Technology Systems,” July 7, 2023
- (f) DHA Medical Device Integration Office (MDIO) MDI Education Program SharePoint website, latest web edition.¹
- (g) United States Code, Title 10, Section 1073c
- (h) DoD Instruction 6040.45, “DoD Health Record Life Cycle Management,” November 16, 2015, as amended
- (i) DHA-Procedural Instruction DHA-PI 6040.10, “MHS GENESIS Resolution of Procedural Conflicts,” June 23, 2021
- (j) DHA-Procedural Instruction 6015.03, “Medical Readiness Services Provided to Members of the Reserve Components (RC) in Military Medical Treatment Facilities (MTFs) and Dental Treatment Facilities (DTFs),” October 23, 2021

¹ This reference can be found at: <https://militaryhealth.sharepoint-mil.us/sites/DHA-MDIO/SitePages/MDI-Education-Certification%20Programs.aspx>, and can only be accessed with a Common Access Card.

GLOSSARY

ABBREVIATIONS AND ACRONYMS

BMET	biomedical equipment technician
CCE	Cerner Connectivity Engine
CMIO	Chief Medical Informatics Officer
DHA	Defense Health Agency
DHA-IPM	Defense Health Agency-Interim Procedures Memorandum
DoD	Department of Defense
HTM	Healthcare Technology Management
MDI	medical device integration
MHS	Military Health System