Joint Task Force
National Capital Region Medical
INSTRUCTION

NUMBER 8510.01
OCT 1 1 2011

J-6

SUBJECT: Information Technology (IT) Platform Guide

References: See Enclosure 1

1. PURPOSE. This Instruction, in accordance with the authority in References (a) through (d):

a. Establishes policy and provides an understanding of Information Assurance (IA) requirements for Medical Platform Information Technology (PIT) for Program Managers (PMs) and User Representatives.

b. Provides examples and describes the process for obtaining a statement of exemption from the Certification & Accreditation (C&A) process for IT systems and IT components defined as Medical PIT.

2. APPLICABILITY. This Instruction applies to the Joint Task Force National Capital Region Medical (JTF CapMed) and all Joint Medical Treatment Facilities (MTFs) and Centers in the National Capital Region (e.g., Fort Belvoir Community Hospital, Walter Reed National Military Medical Center, and the Joint Pathology Center).

3. POLICY. It is JTF CapMed policy to ensure that the IA Controls included in DoD Instruction 8500.2 (Reference (e)) apply to the definition, configuration, operation, interconnection, and disposal of DoD information systems. The IA Controls form a management framework for the allocation, monitoring, and regulation of IA resources that is consistent with Federal guidance provided in Office of Management and Budget Circular A-130 (Reference (f)).

4. RESPONSIBILITIES

a. Program Managers (PMs). The PMs shall:

(2) Implement all facets of IA as required by the special-purpose mission performed by the Medical PIT.

(3) Ensure IA requirements are managed and implemented throughout the PIT's lifecycle.

b. Joint MTF Commanders and Center Directors. The Joint MTF Commanders and Center Directors shall ensure that only certified PIT systems will be applied to the network.

c. Certifying Official. The Certifying Official shall provide recommended corrective actions to reduce or eliminate vulnerabilities in IT systems and assess system security plans for completeness and consistency; and make recommendations to the Designated Approving Authority (DAA).

d. DAA. The DAA shall formally assume responsibility for operating a system at an acceptable level of risk.

5. RELEASABILITY. UNLIMITED. This Instruction is approved for public release and is available on the Internet from the JTF CapMed Web Site at: www.capmed.mil.

6. EFFECTIVE DATE. This Instruction is effective immediately.

SCOTT WARDELL
Executive Director for Administrative Operations
By direction of the Commander

Enclosures
1. Defining a Medical PIT
2. Memorandum for JTF CapMed CA
Glossary

ENCLOSURE 1

REFERENCES

(a) Deputy Secretary of Defense Memorandum, "Establishing Authority for Joint Task Force - National Capital Region/Medical (JTF CapMed) and JTF CapMed Transition Team (Unclassified)," September 12, 2007
(b) Deputy Secretary of Defense Action Memorandum, "Civilian and Military Personnel Management Structures for the Joint Task Force National Capital Region – Medical," January 15, 2009
(c) Comprehensive Master Plan for the National Capital Region Medical, April 23, 2010
(d) Supplement to the Comprehensive Master Plan for the National Capital Region Medical, August 31, 2010
(e) DoD Instruction 8500.2, "Information Assurance (IA) Implementation," February 6, 2003
(f) Office of Management and Budget Circular A-130, "Management of Federal Information Resources," February 8, 1996, revised
(g) DoD Directive 8500.1, "DoD Information Assurance," October 24, 2002
(h) DoD Instruction 8580.01, "Information Assurance," August 8, 2010

ENCLOSURE 2

DEFINING A MEDICAL PIT

1. REVISIONS AND CHANGES. Revisions and version changes to this document are recorded within the following table. New versions are published when changes to the document equate to 10 percent or greater of the document's content, or if a change requires immediate implementation. This record is maintained throughout the life of the document.

Table. Version Control

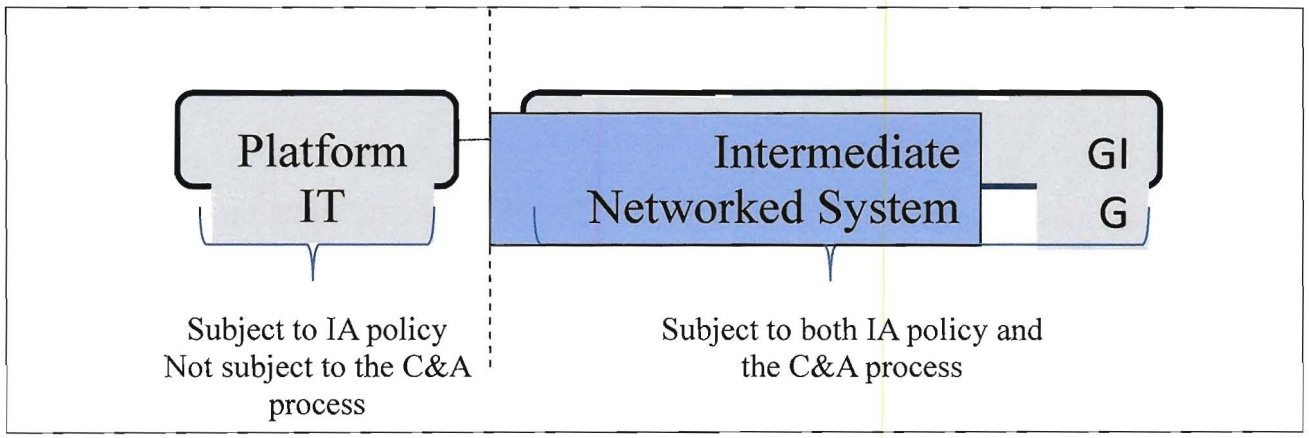
Version	Date	Description of Change	Author
0.5	November 19, 2010	Initial Document (1st Draft)	J-6 IA Staff
1.0		Initial Version	J-6 IA Staff
1.0	February28, 2011	Updated Section 3 Verbiage Updated Sections 4-5 with JTF CapMed org box information. Removed the Acronym JTF CapMed from in front of CA & DAA Added Justification Memo as attachment 2	J-6 IA Staff

2. PIT. As defined in Reference (e), a PIT is part of, or embedded in, a special purpose system which employs computing resources (hardware, firmware, and/or software) dedicated to, or essential in real time to, that specific platform's mission performance. It only performs (is dedicated to) the information processing assigned to it by its hosting special purpose system (not applicable to core services). Examples include (but are not limited to) weapon systems, Supervisory Control and Data Acquisition industrial control systems, training simulators, diagnostic test equipment, and maintenance equipment.

3. PIT INTERCONNECTION (PITI). If the PIT requires connectivity to, or through, an external network, then C&A is required for that connectivity as a PITI. If the interconnection is not already a part of, or through negotiations, cannot be included as part of a network's current accreditation, then the PIT owner is responsible for C&A of that interconnection. PIT point-to-point interconnections using an installation's backbone infrastructure for the purpose of connecting to remote sensors, or to another PIT capability (within the same base/enclave) are not

considered to be PITI as long as they are logically or physically separated/isolated from the base common user infrastructure and systems. Although IA must be addressed for each PIT and the DoD Information Assurance Certification and Accreditation Process (DIACAP) must be applied to PITIs, dedicated (hard-wired) connectivity between one PIT to another need not complete C&A via DIACAP. However the two PITs must document connection agreements.

Figure. DIACAP Applicability



4. APPLICABILITY. As illustrated in the Figure, generally all IT is subject to IA policy and the C&A process. Yet PIT is excluded from the C&A process. The Intermediate Networked System is specifically subject to the C&A process, per DoD Directive 8500.1 (Reference (g)). Refer to DoD Instruction 8580.01 (Reference (h)) for additional regulations. Per Reference (g), a stand-alone system (i.e., does not have one or more network connections) is subject to the C&A process unless it meets the definition of PIT. An IT system or IT component cannot be classified as PIT simply because it is stand-alone.

5. ASSESSMENT METHODS AND INDEPENDENT TESTING

a. Three assessment methods can be applied to a Medical PIT: examine, interview, or test. All assessment methods will use the DoD IA Controls to assign the proper set of IA Controls to a Medical PIT.

b. To alleviate the potential for conflict of interest, testing must be conducted independently of developers and users. Medical PIT testing will be conducted by the JTF CapMed IA Branch. The JTF CapMed IA Branch will determine if the PIT can sustain the rigorous testing of the Defense Information Systems Agency's Medical Device, Security Technical Implementation Guide (STIG). If the Medical PIT cannot be tested with the STIG, an alternative test methodology will be used. The alternative test methodology will not preclude adequate test and/or evaluation of the Medical PIT, but will include all testable attributes of the PIT.

6. ACTIONS REQUIRED BY PMs FOR PIT. The Certifying Authority (CA) and the DAA established the following procedure for Medical Devices to obtain a PIT Determination, indicating that an IT system or IT component is PIT. To initiate the official determination process, the PM or User Representative must submit the following information to the JTF CapMed IA Branch:

a. Complete the PIT Determination Checklist.

b. Identify the IT system or IT component, including its name, acronym, and version number.

c. Identify the special-purpose mission performed by the IT system or IT component.

d. Describe the IT system or IT component. In addition to a brief, textural description, include a high-level block diagram of the system. The diagram must allow the CA and DAA to clearly understand and identify the system's hardware, software, and other components, as well as any interconnection with other systems, networks, or IT. For systems with multiple variants, additional diagram must be submitted describing the variants.

e. The PM's justification (Enclosure 3) for requesting exemption from C&A must include the rationale for classification of the IT system or IT component as PIT.

f. Request evaluation to determine if the IT system or IT component is PIT.

g. Additional supporting documentation if applicable (Internet Protocol Version 6 compliance, Operational Manuals, etc.).

h. Vendor security testing (if accomplished).

7. VALIDATION. The JTF CapMed IA Branch will validate that the IT system or IT component is PIT, while ensuring proper IA controls have been applied to the PIT. The CA will review the package and issue a Determination Statement. The DAA will review the information and the CA's determination, and issue a PIT Approval Statement to the Program Management Office classifying the IT system or IT component as PIT, or explaining that it is not PIT thereby issuing a Non-Approval Statement. The PIT Approval issued by the DAA may be used by the PM in lieu of an Authorization to Operate to prove compliance with C&A requirement.

8. SUBMITTING PIT REQUEST. All required (unclassified) documentation should be sent as a zip file within an email to: jtf_capmed_ia@nsoc.med.osd.mil; or via Federal Express to:

JTF CapMed
ATTN: JTF CapMed Information Assurance Branch
Skyline 5, Suite 300
Falls Church, VA 22104

The JTF CapMed IA Branch will provide the PM or User Representative confirmation-of-receipt within 3 business days.

ENCLOSURE 3

MEMORANDUM FOR JTF CAPMED CA

Joint Task Force
National Capital Region Medical
8901 Wisconsin Avenue
Bethesda, Maryland

MEMORANDUM FOR JOINT TASK FORCE NATIONAL CAPITAL REGION MEDICAL CERTIFYING AUTHORITY

FROM: XXXX
XXXX
XXXX

SUBJECT: Platform IT (PIT) Justification for Platform IT Name

1. The Platform IT Name is a Federal Drug Administration (FDA)-regulated real-time processing, special purpose medical device. It is solely used for the acquisition of diagnostic digital medical images for interpretation by a physician. It is recommended for a PIT designation per DoDI 8500.2, Information Assurance Implementation, section E2.1.52 Special Purpose System.

2. The Platform IT Name will use the Digital Imaging and Communications in Medicine standard for workflow through an accredited Picture Archiving Computing System (PACS) which will serve as the host intermediate system for the purpose of reporting and archiving images. The Platform IT Name will send images and demographic data to the PACS, which will reside within the same enclave. No other connection to network will be authorized.

3. Assigned Mission Assurance Category: MAC III

4. Program Management Office:

5. My POC for this action is

IAM Signature Block

Attachments:
1. PIT Determination Checklist
2. System Description/Diagram
3. Vendor Documentation