



**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

SKYLINE FIVE, SUITE 810, 5111 LEESBURG PIKE
FALLS CHURCH, VIRGINIA 22041-3206

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MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Standard Enterprise Architecture Requirements for Acquiring Information Management/Information Technology Products and Services

The Military Health System (MHS) Information Management/Information Technology (IM/IT) Strategic Plan established enterprise-wide interoperability and common architecture goals for MHS IM/IT products and services that promote agility and interoperability within MHS and externally with Federal and industry partners. To support these goals in MHS IM/IT system development, I am directing all TRICARE Management Activity (TMA) departments to include standard enterprise architecture requirements when acquiring IM/IT products and services as described in the attached document.

Implementing common enterprise architecture requirements will establish the foundation to deliver improved IT functionality in the current environment and enhance flexibility in IM/IT system acquisitions supporting the delivery of healthcare. Additionally, it will permit TMA to meet current and future business needs of MHS, reduce redundancy, and promote an environment for sharing and re-using IM/IT resources. The Service Medical Departments are encouraged to incorporate these standard enterprise architecture requirements as a best practice into their own IM/IT acquisition processes.

The point of contact in the Office of the Chief Information Officer, Enterprise Architecture Division is Ms. Stephanie Boyles. Ms. Boyles can be reached at (703) 681-8788 or Stephanie.Boyles@tma.osd.mil.


Jonathan Woodson, M.D.
Director

Attachment:
Standard Enterprise Architecture Requirements for Acquiring Information Management/Information Technology Products and Services

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Military Health System



Standard Enterprise Architecture Requirements for Acquiring Information Management/Information Technology Products and Services

Version 1.0

Prepared by:

Office of the Chief Information Officer

Enterprise Architecture Division

March 15, 2012

Executive Summary

This document provides the Standard Enterprise Architecture (EA) Requirements for Acquiring Information Management/Information Technology (IM/IT) Products and Services. The objective is to ensure that all program offices, divisions, contract support personnel, and vendors have a single source to obtain the appropriate references, instructions, and required language to ensure that architecture is developed and maintained in a consistent manner.

Military Health System (MHS) Program/Project Managers, Division Directors, or any other personnel responsible for preparing a Statement of Work (SOW), Statement of Objectives (SOO) or Performance Work Statement (PWS) shall ensure the requirements contained in the Standard EA Requirements for Acquiring IM/IT Products and Services (paragraphs 6.1 - 8.0, as applicable) are included in all new solicitations. The point of contact for Standard EA Requirements for Acquiring IM/IT Products and Services is the Director, MHS Office of the Chief Information Officer (OCIO) Enterprise Architecture Division (EAD).

The numbering/arrangement of major sections in this document are for illustrative purposes only. The major sections shall be placed in the appropriate order of the SOW, SOO or PWS. Included for reference is Appendix A: Terms of Reference and Appendix B: Acronym List.

Applicability

Paragraphs 6.1 - 8.0 of this document shall be added as applicable to all new solicitations for: IT development, integration and modernization; IT implementation and deployment; IT sustainment and operations work efforts; IT products and services including commercial off-the-shelf (COTS) technology (requiring modification) procurements; and health data-related or communication services.

These standard EA requirements apply to all TRICARE Management Activity (TMA) Directorates. The Service Medical Departments are encouraged to incorporate these standard EA requirements as best practices into their own IM/IT acquisition processes. The Standard EA Requirements for Acquiring IM/IT Products and Services may be adjusted or tailored according to the type of product or services being procured. Where modernization efforts are in place, portions of the Standard EA Requirements for Acquiring IM/IT Products and Services should be used, as appropriate, to transition to the future state architecture.

EA Applicable Documents and Requirements

The contractor shall follow the applicable Laws, Regulations, and Policies listed below:

6.1 Compliance Documents

Laws

- Public Law 93-579: Privacy Act of December 31, 1974
- Computer Matching and Privacy Protection Act, 1988
- Health Insurance Portability and Accountability Act, 1996
- Subtitle III of Title 40 United States Code (USC) (formerly the Clinger-Cohen Act of 1996)
- Public Law 104-113: National Technology Transfer and Advancement Act of 1995, 104th Congress, March 7, 1996
- Federal Information Security Management Act of 2002
- President's Management Agenda, Office of Management and Budget (OMB) Circular A-11, Part 7, Section 300, IB – June 2002
- Public Law 107-347: E-Government Act of 2002, December 17, 2002
- Privacy Act of 1974, (5 U.S.C.552a eq. seq.), amended in 1989 now known as OMB Circular No. A-130: Management of Federal Information Resources, 2003
- Secretary of Defense Letter, subject "Business Management Modernization Program-System Investment Certification/Approval," July 16, 2004
- Public Law 108-375: Ronald Reagan National Defense Authorization Act (NDAA) for Fiscal Year, 2005
- The Health Information Technology for Economic and Clinical Health Act, 2010, February 17, 2009, Public Law 111-5
- The American Recovery and Reinvestment Act, Public Law 111-5, February 17, 2009
- Patient Protection and Affordable Care Act, Public Law 111-148, March 23, 2010
- Public Law 111-84: NDAA for Fiscal Year 2010

Policy and Regulations

- Department of Defense (DoD) 6015.1-M, "Glossary of Healthcare Terminology," January 13, 1999
- DoD 6025.18-R, "DoD Health Information Privacy Regulation," January 2003
- Department of Defense Directive (DoDD) 4630.05, "Interoperability and Supportability of IT and National Security Systems (NSS)," May 5, 2004 (Certified current as of April 23, 2007)
- DoD Instruction (DoDI) 4630.8, "Procedures for Interoperability and Supportability of IT and NSS," June 30, 2004
- DoDI 8551.1, "Ports, Protocols, and Services Management," August 13, 2004
- DoDD 5144.1, "Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Information Officer," May 2, 2005
- DoDD 8115.01, "IT Portfolio Management," October 10, 2005

- DoDD 8115.02, “IT Portfolio Management Implementation,” October 30, 2006
- DoDD 5400.11, “DoD Privacy Program,” May 8, 2007
- DoDD 5400.11-R, “DoD Privacy Program,” May 14, 2007
- DoDD 5000.01, “The Defense Acquisition System,” May 12, 2003 Certified Current as of, November 20, 2007
- DoD 5500.7-R, “Joint Ethics Regulation, including Changes 1-6,” November 29, 2007
- DoDI 5000.02, “Operation of the Defense Acquisition System,” December 8, 2008
- DoDD 8000.01, “Management of the DoD Information Enterprise,” February 10, 2009
- Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 6212.01E, “Interoperability and Supportability of IT and NSS,” December 15, 2008
- CJCSI 3170.01H, “Joint Capabilities Integration and Development System,” January 10, 2012
- DoD Information Enterprise Architecture, Version 1.2, May 7, 2010
- DoDI 5025.1-M, “DoD Directives Program, 28 October 2007 Incorporating Change 2,” July 1, 2010

Architecture and Management Tools

- Federal Health Architecture, Office of the National Coordinator for Health Information Technology, <http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov__federal_health_architecture/1181>
- TMA – MHS EA, Version 7.0 or most current version
- DoD/United States Department of Veteran’s Affairs (VA) Shared Health Architecture, 17 September 2009 or most current version
- DoD Architecture Framework (DoDAF), most current version
- Target DoD/VA Health Standards Profile, most current version
- MHS EA Compliance Assessment Framework (EACAF) for Defense Business Information Technology Certification Guidebook, Version 2.0, January 23, 2012
- DoD Architecture Registry System (DARS) < URL: <https://dars1.army.mil/IER2/index.jsp>>
- MHS EA Tool of choice
- DoD Information Technology Standards Registry (DISR), most current version
- MHS Requirements Management Tool of choice
- MHS Change Tracking and Management Tool of choice
- MHS Release and Configuration Management Tool of choice
- MHS EA Principles, most current version
- DARS Standard Operating Procedures (SOP), most current version

General

- Electronic Industry Association 548, Electronic Design Interchange Format version 200, March 1988

- Defense Acquisition University Test and Evaluation Management Guide, November 2001, Fourth Edition
- DoD Chief Information Officer (CIO) Memorandum, “Internet Protocol (IP) Version 6,” June 9, 2003
- DoD CIO Memorandum, “Internet Protocol Version 6 Transition Guidance,” September 29, 2003
- DoD Business Management Modernization Program, Systems Compliance Checklist, July 2004
- The National Defense Strategy of the United States of America, March 2005
- Institute of Electrical and Electronics Engineers (IEEE) Standards, as applicable or directed

Global Information Grid/Net-Centricity

- Global Information Grid (GIG) Capstone Requirements Document, Joint Requirements Oversight Council Memorandum 134-01, August 30, 2001
- DoDD 8100.1, “GIG Overarching Policy,” September 19, 2002 Certified Current as of November 21, 2003
- DoD CIO Memorandum, “DoD Net-Centric Data Management Strategy Metadata Registration,” April 3, 2003
- DoD Net-Centric Data Strategy, May 9, 2003
- DoD CIO Memorandum, “DoD Net-Centric Data Strategy Visibility-Advertising Data Assets with Discovery Metadata,” May 30, 2003
- GIG Architecture, Version 2.0, August 2003
- DoD CIO Memorandum, “DoD Net-Centric Data Strategy: Visibility – Tagging and Advertising Data Assets with Discovery Metadata,” October 23, 2003
- DoD Net-Centric “Data Strategy: Visibility – Tagging and Advertising Data assets with Discovery Metadata,” October 24, 2003
- DoDD 8100.2, “Use of Commercial Wireless Devices, Services, and Technologies in the DoD GIG,” April 14, 2004
- DoD Net-Centric Checklist, Version 2.1.4, July 30, 2004
- DoD CIO Memorandum, “GIG Enterprise Services Transforming to a Net-Centric Environment- President’s Budget FY 2006-2011,” July 30, 2004
- DoDD 8320.02, “Data Sharing in a Net-Centric DoD,” December 2, 2004
- DoD 8320.2-G, “Guidance for Implementing Net-Centric Data Sharing,” April 12, 2006
- DoD Net-Centric Services Strategy, May 4, 2007

Metadata

- DoD Director, Information Management (IM) Memorandum, “Migration of DoD Data Dictionary System Data Assets – DoD Metadata Registry (MDR) and Clearing House,” November 24, 2003
- DoD Data Asset Visibility, Version 1.0, January 26, 2005
- DoD CIO Memorandum, “DoD Net-Centric Data Management Strategy MDR,” May 4, 2007
- DoD Discovery Metadata Specification, Version 3.0.1, March 7, 2011

The following Standard EA Requirements for Acquiring IM/IT Products and Services is required, as applicable, in the performance requirement section of the SOW, SOO or PWS. Accordingly, the list of deliverables should be tailored to meet the individual IM/IT requirement.

6.2 General

6.2.1 The contractor shall adhere to EA goals, principles, policies, standards, constraints, guidelines, products and processes established and approved by the MHS OCIO. Products are available from the appropriate government office listed below:

- Program Management Office (PMO) Project Manager
- Director, Information Management Division (IMD)
- Director, OCIO EAD

6.2.2 The contractor shall ensure that products and services (deliverables) are aligned and compliant with the current MHS IM/IT Strategic and Transition Plans, DoD EA, MHS EA, Business Enterprise Architecture, Federal EA Framework, DoDAF, MHS Net-Centric Data Checklist, OMB Reference Models, and MHS EA Guidance and Principles. Additionally, when requested, products and services shall also be aligned with GIG Architecture and Military Services’ Operational Architectures e.g., Army Medical Department, Navy Medicine and Air Force Medical Service. These products are available from the appropriate MHS government office below:

- PMO Project Manager
- Director, IMD
- Director, OCIO EAD

6.2.3 Additional General Requirements

6.2.3.1 The contractor shall conform to the current version of the MHS Standards Profile (StdV-1) and Standards Forecast (StdV-2), which includes the MHS Health Data Standards.

6.2.3.2 The contractor shall document the metadata identified for submission to the DoD MDR in accordance with guidance and criteria provided within the MHS MDR SOP, as required. DELIVERABLE: MDR Submission Worksheet (*deliverable number 1*).

6.2.3.2.1 The contractor shall submit the metadata to IM for compliance review and approval by the Data Manager. DELIVERABLE: MDR Submission Review Package (*deliverable number 2*).

6.2.3.2.2 Once the submitted metadata has been approved by IM representatives, the contractor may be requested to enter the approved metadata into the DoD MDR. DELIVERABLE: MDR Approved Submission Package (*deliverable number 3*).

6.2.3.2.3 Metadata will be tagged as Extensible Markup Language (XML), XML Schema Definition (XSD), etc., according to MDR requirements.

6.2.3.3 The contractor shall employ strategies, technical solutions, and project plans that support DoD Net-Centric Service Oriented Architecture (SOA) and align with the MHS Service Oriented Enterprise (SOE) standards, where applicable and when available.

6.2.3.4 The contractor shall leverage all available and suitable common services and code components from the Common Development Library (CDL)/Service Development Tool Kit as part of the solution design and final product delivery. The CDL/Service Development Tool Kit, as appropriate, can be obtained from the MHS government office listed below:

- PMO Project Manager

6.2.3.5 The contractor shall create architecture viewpoints using DoDAF-described and “fit for purpose” models, which support requirements of the SOW, SOO or PWS, if applicable (see deliverables 4a – 4g in Table 1).

6.2.3.5.1 The contractor shall design and develop systems, sub-systems, and IT services that conform to the MHS Enterprise Architecture.

6.2.3.5.2 For COTS products that are being implemented, the contractor shall provide “fit for purpose” DoDAF artifacts, if available; or, other architecture artifacts describing the integration of the product into the MHS environment as well as viewpoints describing any custom extensions. (The COTS vendor shall continue to provide architectural documents or instructions that accompany the COTS product package.)

6.2.3.5.3 DoDAF viewpoints shall be importable into the current MHS central architecture repository or approved architecture development tool(s) of choice. DELIVERABLE: (*deliverable numbers 4a – 4g*):

- (a) All Viewpoints (AV) (AV-1, AV-2) (*deliverable number 4a*)
- (b) Capability Viewpoints (CV) (CV-7) (*deliverable number 4b*)
- (c) Operational Viewpoints (OV) (OV-1, OV-2, OV-3, OV-4, OV-5a, OV-5b, OV-6a, OV-6c) (*deliverable number 4c*)
- (d) Data and Information Viewpoints (DIV) (DIV-2, DIV-3) (*deliverable number 4d*)

- (e) Systems Viewpoints (SV) (SV-1, SV-2, SV-3, SV-4, SV-5a, SV-5b, SV-6, SV-10a, SV-10c) (*deliverable number 4e*)
- (f) Services Viewpoints (SvcV) (SvcV-1, SvcV-2, SvcV-3, SvcV-4, SvcV-5, SvcV-6, SvcV-10a, SvcV-10c) (*deliverable number 4f*)
- (g) Standards Viewpoints (StdV) (StdV-1, StdV-2) (*deliverable number 4g*)

6.2.3.5.4 The contractor shall consult with the PMO architects, and IMD analysts/architects regarding prescribed “fit for purpose” architecture requirements. Additionally, consultation with the OCIO Divisions (e.g., Chief Technology Officer (CTO)), Information Assurance and OCIO EAD shall be coordinated through the Program Management Office.

6.2.3.5.5 The contractor shall, at a minimum, deliver and demonstrate SOA capabilities of the system with the following measures and attributes if applicable. DELIVERABLE: SOA Capabilities, (*deliverable number 5*)

- a) Use secure web services that account for multiple technologies and protocols such as service queues and brokers using Access Control Lists and as described in National Institute of Standards and Technology Special Publication 800-95, Guide to Secure Web Services.
- b) Demonstrate Global Error Handling processes to ensure errors are captured in one central location.
- c) Use MHS security practices, protocols, and technologies.
- d) Service Contracts and Interfaces shall conform to SOE standards (when available) and metadata shall conform to MHS metadata inventory guidelines (when available) to allow for querying through a Universal Description Discovery and Integration.
- e) All services developed as part of this solution shall be built using a business process definition and MHS-specific standards and criteria detailed within the current MHS EA StdV-1, StdV-2.
- f) Services shall be testable, loosely coupled, and support deployment on as-is and future state MHS IT platforms.
- g) Services and the SOA Suite will support multiple messaging technology protocols such as messaging queues.
- h) Services shall be implemented to support Web Services Interoperability (WS-I) standards (e.g., Web Services-Business Process Execution Language, WS-Security) with additional integration of systems (e.g., a Business Process Engine) into the architecture.
- i) Services shall minimally accept Simple Object Access Protocol messages and support the ability to add Text files and other Multipurpose Internet Mail Extensions type to the message payload.
- j) The service specification for a SOA service shall be clearly described and accompany the code. This includes, but is not limited to, interface documents (i.e., Web Services Description Language (WSDL)), security constraints, impact of running multiple versions of a service, and functional and non-functional requirements associated with the service.
- k) A context map shall describe service orchestration, mediation of services and the linking of services to existing systems or operational functions.

- 1) XML Schema shall be delineated so that producers and consumers can use the same schema definition.

6.2.3.5.6 The contractor shall populate, if applicable, the SOA Service Repository and Service Registry with developed SOA services to include source code, XSD, WSDL and associated documentation upon delivery of the final product. DELIVERABLE: SOA Service Documentation and Service Registration (*deliverable number 6*).

6.3 Special Requirements

6.3.1 The contractor shall assist in completing the DoD Net-Centric Data Checklist for its product, as appropriate, in support of the DoD Joint Interoperability, net-centric concepts and enterprise-wide integration, as directed by the Joint Chiefs of Staff and DoD CIO Instructions. DELIVERABLE: Net-Centric Data Checklist (*deliverable number 7*).

6.3.2 The contractor shall include in the project Work Breakdown Structure (WBS) specific EA tasks, which include the development, integration review/approval, and maintenance of architectural models for a given capability or system at designated times during the Software Development Life Cycle. DELIVERABLE: EA WBS (*deliverable number 8*).

6.3.3 The contractor shall provide architectural model development status updates in the Monthly Progress Report. DELIVERABLE: EA Development Status Updates (*deliverable number 9*).

6.3.4 The contractor shall use the DISR Online Tool available at <https://gtg.csd.disa.mil>, in coordination with the PMO architecture team to identify standards applicable to the SOW, SOO or PWS.

6.3.5 The contractor shall document any discrepancies, variances or exceptions to compliance with the MHS EA and, if required, follow the compliance waiver process (provided upon request). DELIVERABLE: Architecture Discrepancy/Variation Report, Technical Standards Compliance Waiver, and Data Standards Compliance Waiver (*deliverable numbers 10, 10a, 10b*).

6.3.6 The contractor shall provide Defense Business Transformation applicable DoDAF viewpoints/models relevant to the design and implementation of the solution per the MHS EA policy and guidance as required by OCIO EAD, the PMO, and CTO. DELIVERABLE: Defense Business Transformation Submission Viewpoints (*deliverable number 11*).

6.3.7 The contractor shall create and update or maintain the following data models and schemas as appropriate to the SOW, SOO or PWS: Logical Data Model (DIV-2), Physical Model (DIV-3), and Database Design Description (DBDD). In addition, the contractor shall map to the MHS EA Conceptual Data Model (DIV-1) (when available). DELIVERABLE: Information Architecture Documentation - DIV-2, DIV-3, DBDD (*deliverable numbers 12a, 12b, 12c*).

6.3.8 The contractor shall provide traceability to requirements and MHS Operational Architecture if applicable. DELIVERABLE: Requirement-to-Operational Architecture Traceability Matrix (*deliverable number 13*).

7.0 IP Version 6

7.1 The contractor shall adhere to dual IP versions 4 and 6 for current systems and IP version 6 for emerging systems.

8.0 EA Deliverable and Delivery Schedule

The author of the SOW, SOO, or PWS shall include a table listing all applicable Standard EA Requirements for Acquiring IM/IT Products and Services deliverables for the subject procurement in the deliverable section of the SOW, SOO or PWS. See Table 1. EA Deliverable and Delivery Schedule. Deliverable Numbering shall be adjusted accordingly to the SOW, SOO, or PWS.

Table 1. EA Deliverable and Delivery Schedule

Standard Item	Paragraph Reference	Title	Distribution	Distribution Estimate	Initial Delivery	Subsequent Delivery
Deliverable 1	6.2.3.2	MDR Submission Worksheet				
Deliverable 2	6.2.3.2.1	MDR Submission Review Package				
Deliverable 3	6.2.3.2.2	MDR Approved Submission Package				
Deliverable 4a	6.2.3.5 6.2.3.5.3	AV: AV-1 AV-2				
Deliverable 4b	6.2.3.5 6.2.3.5.3	CV: CV-7 (Applicable to MHS Health Readiness Capabilities specific to SOO, SOW, or PWS)				
Deliverable 4c	6.2.3.5 6.2.3.5.3	OV: OV-1 OV-2 OV-3 OV-4 OV-5a OV-5b OV-6a OV-6c				
Deliverable 4d	6.2.3.5 6.2.3.5.3	DIV: DIV-2 DIV-3				
Deliverable 4e	6.2.3.5 6.2.3.5.3	SV: SV-1 SV-2 SV-3 SV-4 SV-5a SV-5b SV-6 SV-10a SV-10c				

Standard Item	Paragraph Reference	Title	Distribution	Distribution Estimate	Initial Delivery	Subsequent Delivery
Deliverable 4f	6.2.3.5 6.2.3.5.3	SvcV: SvcV-1 SvcV-2 SvcV-3 SvcV-4 SvcV-5 SvcV-6 SvcV-10a SvcV-10c				
Deliverable 4g	6.2.3.5 6.2.3.5.3	StdV: StdV-1 StdV-2				
Deliverable 5	6.2.3.5.5	SOA Capabilities				
Deliverable 6	6.2.3.5.6	SOA Service Documentation and Service Registration				
Deliverable 7	6.3.1	Net-Centric Data Checklist				
Deliverable 8	6.3.2	EA WBS				
Deliverable 9	6.3.3	EA Development Status Updates				
Deliverable 10	6.3.5	Architecture Discrepancy / Variation Report				
Deliverable 10a	6.3.5	Technical Standards Compliance Waiver			If required	If required
Deliverable 10b	6.3.5	Data Standards Compliance Waiver			If required	If required
Deliverable 11	6.3.6	Defense Business Transformation Submission Viewpoints				
Deliverable 12a	6.3.7	Information Architecture Documentation: DIV-2				
Deliverable 12b	6.3.7	Information Architecture Documentation: DIV-3				

Standard Item	Paragraph Reference	Title	Distribution	Distribution Estimate	Initial Delivery	Subsequent Delivery
Deliverable 12c	6.3.7	Information Architecture Documentation: DBDD				
Deliverable 13	6.3.8	Requirement-to-Operational Architecture Traceability Matrix				

APPENDIX A: TERMS OF REFERENCE

DARS	Department of Defense Architecture Registry System (DARS) is the DoD registry and repository of architectures comprising the federated DoD enterprise architecture. It provides a web based access to architecture artifacts for sharing and collaboration.
DIEA	DoD Information Enterprise Architecture (DIEA) provides a common DoD Information Enterprise foundation that presents net-centric principles and concepts as guidance for all portfolios, enabling informed discussions among decision-makers and underpinning process improvements throughout DoD.
DoD EA	DoD Enterprise Architecture (DoD EA) is a strategic information asset base, which defines the information necessary to perform the organization’s mission, technologies necessary to perform the mission, and transitional processes for implementing new technologies in response to changing mission needs (adapted from Department of Defense Architecture Framework (DoDAF) 2.0).
DoDAF	DoD Architecture Framework (DoDAF) provides the structure for organizing architecture concepts, principles, assumptions, and terminology about operations and solutions into meaningful patterns to satisfy specific DoD purposes. DoDAF establishes a common vocabulary for architecture development, exchange of architecture information, and for facilitating interoperability between architectural descriptions. DoDAF 2.02 is the prescribed methodology for architecture development per DoD CIO Promulgation Memorandum, dated August 2010.
Enterprise Architecture	An Enterprise Architecture (EA) describes the enterprise in logical terms (such as interrelated business processes and business rules, information needs and flows, and work locations and users), as well as in technical terms (such as hardware, software, data, communications, security attributes, and performance standards). It provides these perspectives both for the enterprise’s current, or “as is,” environment, and for its target, or “to be,” environment, and it provides a transition plan for moving from the “as is” to the “to be” environment.
MDR	The DoD CIO established the DoD Metadata Registry (MDR) and a related metadata registration process for the collection, storage and dissemination of structural metadata information resources (schemas, data elements, attributes, document type definitions, style-sheets, data structures etc.). This Web-based repository is designed to also act as a Clearinghouse through which industry and government coordination on metadata technology and related metadata issues can be advanced. As OASD's Executive Agent, DISA maintains and operates the DoD Metadata Registry under the direction and oversight of OASD (NII).
MHS EA	The Military Health System Enterprise Architecture (MHS EA) is a federation of descriptions that provide context and rules for accomplishing the mission of the MHS. These descriptions are developed and maintained by each MHS component including OASD (Health Affairs), TRICARE Management Activity; the Medical Services Departments, and other stakeholders. The components define the level of architecture granularity needed to support decisions and meet Federal, DoD and MHS policy, guidance, requirements, and standards. The federation of these MHS descriptions collectively defines the people, processes, and technology of the “current environment” and “target environment”; provide the framework used to manage and align technology,

	people, operations and projects to a target environment and includes the roadmap for transition to the target environment.
SOA	Service Oriented Architecture (SOA) is an architectural style whose goal is to achieve loose coupling among interacting software components. SOA is a paradigm for organizing and utilizing distributed capabilities that may be under the control of different ownership domains. It represents a collection of services on a network that communicate with one another. It is any architecture that can be decomposed, on a logical level, into three categories of components: a service, a provider of the service, and a consumer of the service.
SOE	Service Oriented Enterprise (SOE) defines, implements and manages the creation of SOE that is aligned with business priorities by providing an organizational framework for instilling, governing, and evolving the culture of “reuse” and “sharing” of enterprise assets for improved interoperability and agility in the delivery of health care.

APPENDIX B: ACRONYM LIST

ACRONYM	DESCRIPTION
AV	All Viewpoint
CDL	Common Development Library
CIO	Chief Information Officer
CJCSI	Chairman of the Joint Chiefs of Staff Instruction
COTS	Commercially available Off-The-Shelf
CTO	Chief Technology Officer
CV	Capability Viewpoint
DARS	Department of Defense Architecture Registry System
DBDD	Database Design Description
DISR	DoD Information Technology Standards Registry
DIV	Data and Information Viewpoint
DoD	Department of Defense
DoDAF	DoD Architecture Framework
DoDD	DoD Directive
DoDI	DoD Instruction
EA	Enterprise Architecture
EACAF	Enterprise Architecture Compliance Assessment Framework
EAD	Enterprise Architecture Division
GIG	Global Information Grid
IM	Information Management
IMD	Information Management Division
IP	Internet Protocol
IT	Information Technology
MDR	Metadata Registry
MHS	Military Health System
NDAA	National Defense Authorization Act
NSS	National Security Systems
OCIO	Office of the Chief Information Officer
OMB	Office of Management and Budget
OV	Operational Viewpoint
PMO	Program Management Office
PWS	Performance Work Statement
SOA	Service Oriented Architecture
SOE	Service Oriented Enterprise
SOO	Statement of Objectives
SOP	Standard Operating Procedures
SOW	Statement of Work
StdV	Standards Viewpoint
SV	Systems Viewpoint
SvcV	Services Viewpoint
TMA	TRICARE Management Activity

USC	United States Code
VA	Department of Veteran's Affairs
WBS	Work Breakdown Structure
WSDL	Web Services Description Language
WS-I	Web Services Interoperability
XML	Extensible Markup Language
XSD	Extensible Markup Language Schema Definition