EIDS Program Management

Interface Control Document
Describing the VA Claims & Referral Data Exchange From MMSO to MDR
Baseline

Approved Version

August 15, 2007



**EIDS Program Office
5111 Leesburg Pike, Suite 809
Falls Church, VA 22041**

This page intentionally left blank.

ICD Describing the VA Claims & Referral Data Exchange From MMSO to MDR

Approved Version

August 15, 2007

Approval Page

Approved by:

Mr. Paul Lindsey Date
Chair, Configuration Control Board (CCB)
Executive Information Decision Support

**EIDS Program Office
5111 Leesburg Pike, Suite 809
Falls Church, VA 22041**

This page intentionally left blank.

ICD Describing the VA Claims & Referral Data Exchange From MMSO to MDR

Approved Version

August 15, 2007

Review Page

Submitted by:

Mr. Steve Luhrman Date
Interfaces Integration Manager
EIDS Program Office

Reviewed by:

Mr. Martin Shepherd Date
Manager, EIDS Data Operations
EIDS Program Office

Reviewed by:

Mr. William Eberhardt Date
Senior Engineer & Architect
EIDS Program Office

**EIDS Program Office
5111 Leesburg Pike, Suite 809
Falls Church, VA 22041**

This page intentionally left blank.

Preface

This document describes the interface that provides Veteran’s Affairs (VA) medical claims and referral data from the Military Medical Support Office (MMSO). The files are sent to the Executive Information Decision Support (EIDS) and loaded into the Military Health System (MHS) Data Repository (MDR). The feed supports the Ill, Injured, Wounded Warrior (IIWW) project.

This document is under EIDS project configuration control. Changes to this document will be made by document change notice (DCN) or by complete revision.

Questions on proposed changes concerning this plan should be addressed to:

EIDS Program Office
5111 Leesburg Pike, Suite 809
Falls Church, Virginia 22041

This page intentionally left blank.

Abstract

The Executive Information Decision Support (EIDS) Program Office manages the Military Health System (MHS) Data Repository (MDR) as the core repository for MHS clinical, beneficiary population, enrollment, costing and workload data. The MDR collects, catalogues and organizes data files from several systems. This document is the Interface Control Document (ICD) that specifies the Veteran’s Affairs (VA) claims and referral data records data exchange with the Military Medical Support Office (MMSO). Information and meta data regarding the data feed are detailed in this ICD. The feed supports the Ill, Injured, Wounded Warrior (IIWW) project.

**Keywords:** Decision Support, Executive Information, Ill, Injured, Wounded Warrior, Interface Control Document, Military Medical Support Office, Veteran’s Affairs, DS, EI, ICD, IIWW, MMSO, VA

This page intentionally left blank.

|  |
| --- |
| **BASELINE, CHANGE AND REVISION HISTORY PAGE** |
| **ISSUE** | **DATE** | **PAGES AFFECTED** | **DESCRIPTION** |
| Baseline | Aug 15, 2007 | All | Baseline |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

This page intentionally left blank.

Contents

Preface vii

Abstract ix

Section 1: Introduction 1-1

1.1 Document Identification 1-1

1.2 Scope 1-1

1.3 System Overview 1-1

1.4 Reference Documents 1-2

1.5 Operational Agreement 1-2

Section 2: Data Specification 2-1

2.1 Identification of Data Exchanges 2-1

2.2 Precedence and Criticality of Requirements 2-1

2.3 Communications Methods 2-1

2.4 Performance Requirements 2-1

2.5 Security and Integrity 2-1

2.5.1 Data Integrity and Quality 2-2

Appendix A: VA Claims & Referral Data Records A-1

A.1 File Format A-1

A.2 Record Layout A-1

A.3 File Operational Context A-1

Appendix B: Acronyms B-1

**Tables**

Table A‑1 VA Claims Record Data Elements A-2

Table A‑2 VA Referral Record Data Elements A-3

**Figures**

[Figure 1‑1 VA Claims & Referral Interface Flow 1-1](#_Toc172509068)

This page intentionally left blank.

# Introduction

## Document Identification

This document describes the interface that provides Veteran’s Affairs (VA) Claims and Referral data from the Military Medical Support Office (MMSO) to the Military Health System (MHS) Data Repository (MDR). This data feed supports the Ill, Injured, Wounded Warrior (IIWW) project.

## Scope

This document describes and identifies the parameters and specifies the file layout of the VA Claims and Referral records that MDR receives. MMSO receives the files from the Department of Veterans Affairs (VA), Service members, or dentists. MMSO compiles the data and sends it to EIDS.

## System Overview

This particular ICD describes the specific interface between EIDS Program Office and MMSO providing VA claims and referral data to the MDR. The MDR receives direct data feeds at the central host, an IBM RS/6000SP multi-node processor, through the Feed Nodes. MMSO claims data files are sent to EIDS weekly. EIDS operations personnel manage the file archive that stores the files. Figure 1-1 diagrams the interface.

Files are created and sent to the Tivoli Storage Manager (TSM). The TSM copies and stores the file for back-up purposes.



Figure 1‑1 VA Claims & Referral Interface Flow

## Reference Documents

EIDS Program Office, *CEIS Operational Requirements Document (ORD)*, Falls Church, VHA, December 1997.

EIDS Program Office, *Initial Capabilities Document (ICD),* dated March 2006 (pending JROC approval)

## Operational Agreement

This ICD provides the technical specification for an interface between MMSO and the EIDS Program Office regarding VA Claims and Referral data. It is the responsibility of the source system Program Office (i.e., MMSO) to notify EIDS of any potential or planned changes to data feed formats or contents as soon as these potential changes are known in order to minimize adverse impacts on EIDS receiving systems. When required, modifications to the ICD will be made by the data receiver (i.e., EIDS Program Office), and a copy of the revised ICD will be sent to the data sender (i.e., MMSO).

Appendix A delineates the VA Claims and Referrals data elements that will be sent to the EIDS Program Office.

Should problems occur with the interface, EIDS data production support personnel will immediately contact MMSO operational personnel. Should there be systemic data problems recognized during MDR processing, EIDS members will coordinate with their counterparts in MMSO.

# Data Specification

## Identification of Data Exchanges

This ICD addresses the following data exchange:

* Veterans Affairs (VA) Claims and Referral data records.

This ICD will be changed *only* if the interface changes from the interface specified herein.

## Precedence and Criticality of Requirements

VA Claims and Referral data is required as raw information to process and load into MDR database tables to support the IIWW project. The VA claims load will be a historical load since MMSO stopped paying VA claims in January 2007. A minimum of weekly updates of Referral data is required for effective performance of the business. An inability to obtain this data during this period could have adverse consequences to the business.

## Communications Methods

MMSO will send claims data files via Secure File Transfer Protocol (SFTP). MMSO will send referral data files weekly via Secure File Transfer Protocol (SFTP). The records obtained during the previous week will be transmitted as specified in Appendix A.

## Performance Requirements

The data needs to be available to EIDS for ingest into MDR weekly.

## Security and Integrity

The data exchanged in this interface contains protected patient level identifiable information. In addition, because the aggregate data being transmitted via from MMSO to EIDS is becoming part of a database that does contain sensitive data, it will be protected in accordance with the C2-level protection standards mandated for all "Sensitive Unclassified Systems" by the requirements of DoD Directive 5200.28. These standards help ensure compliance with the following Federal laws:

* Privacy Act of 1974
* U.S. Code, Title 10, Section 1102, Medical Quality Assurance Records
* U.S. Code, Title 10, Section 1030, Fraud and Related Activity in Connection with Computers
* Computer Security Act of 1987
* Health Insurance Portability and Accountability Act (HIPAA)

### Data Integrity and Quality

Validation checks such as record counts, file formats, source stamps, and date-time stamps will be performed on the data transferred from MMSO to MDR as defined in the design documentation. When errors are discovered in the data exchange, MMSO will be notified immediately by EIDS operations personnel. If there are systemic problems, Interface Working Group (IWG) counterparts will be contacted to work issues.

.

**Appendix A: VA Claims & Referral Data Records**

**A.1 File Format**

The VA data files sent from the Military Medical Support Office (MMSO) contain two file types: Claim records and Referral records. Each Claim Record represents one line item on a claim. Referral records are sent to the MDR Feed Nodes weekly.

**A.2 Record Layout**

Tables A-1 and A-2 provide the layout and meta data for each record within the file. Table A-1 provides the VA Claim record layout and Table A-2 provides the VA Referral record layout. All fields are fixed length in the flat file. Character fields are left justified with any unused positions left blank. Number fields are right justified and are not zero-filled to the left.

**A.3 File Operational Context**

The Claims records represent completed claim records that have completed processing as approved or denied. The Referral records represent referral actions by the VA on MHS beneficiaries.

VA Claims data files will be a historical data dump only; MMSO stopped paying VA claims in January 2007. Referral data files will be sent weekly.

Table A‑1 VA Claims Record Data Elements

| Field Name | Field Length | Position | Data Type | Value Range | Functional Description |
| --- | --- | --- | --- | --- | --- |
| Patient Name | 52 | 1-52 | Character | None | Legal full name of the patient.  |
| Patient SSN | 9 | 53-61 | Character | None | The Social Security Number (SSN) of the service member. |
| Service | 1 | 62 | Character | A, C, F, M, N, X, | The code that represents the branch classification of Service with which the service member is affiliated.A ArmyC Coast GuardF Air ForceM Marine CorpsN NavyX Not applicable |
| Status Date | 10 | 63-72 | Date | None | Status date of the claim. Format: YYYYMMDD. |
| First Date of Treatment | 10 | 73-82 | Date | None | The date of the first day of treatment. Format: YYYYMMDD. |
| Last date of Treatment | 10 | 83-92 | Date | None | The date of the last day of treatment. Format: YYYYMMDD. |
| Number of Admissions | 3 | 93-95 | Character | None | The count of the number of admissions. |
| OBDs | 3 | 96-98 | Character | None | The number of Occupied Bed Days (OBD). |
| Visits | 3 | 99-101 | Character | None | The number of outpatient visits. |
| VAMC | 35 | 102-136 | Character | None | Name of the VA Medical Center (VAMC). |
| PA Key | 9 | 137-145 | Character | None | Pre-authorization key. |
| Diagnosis | 6 | 146-151 | Character | None | The primary diagnosis code. It is coded using ICD-9-CM codes. |

Table A‑2 VA Referral Record Data Elements

| Field Name | Field Length | Position | Data Type | Value Range | Functional Description |
| --- | --- | --- | --- | --- | --- |
| Person Identifier | 9 | 1-9 |  |  | Sponsor SSN. |
| Service | 1 | 10 | Character | A, C, F, M, N, X, | The code that represents the branch classification of Service with which the service member is affiliated.A ArmyC Coast GuardF Air ForceM Marine CorpsN NavyX Not applicable |
| Status | 1 | 11 | Character | A, N, V | Sponsor status code. The code that represents how the DoD personnel and/or finance center views the sponsor based on accountability and reporting strengths.A Active DutyN National GuardV Reserve |
| Coverage Request Sequence Identifier | 9 | 12-20 | Character | None | Sequence identifier for the coverage request. Ties to the pre-authorization key. |
| Pre-Authorization Request Type Code | 1 | 21 | Character | None | Code identifies the type of pre-authorization. |
| Pre-Authorization Diagnosis #1 | 33 | 22-54 | Character | None | The primary pre-authorization appointment diagnosis code. It is coded using ICD-9-CM codes. |
| Pre-Authorization Diagnosis #2 | 33 | 55-87 | Character | None | The secondary pre-authorization appointment diagnosis code. It is coded using ICD-9-CM codes. |
| Pre-Authorization Tracking Number | 15 | 88-102 | Character | None | The pre-authorization tracking number. Used for MCSCs. |
| Pre-Authorization Decision Code | 30 | 103-132 | Character | None | The pre-authorization decision code related to the referral. |
| Pre-Authorization Record Created Date | 10 | 133-142 | Date | None | The date that the pre-authorization was created. Format: YYYYMMDD. |
| Pre-Authorization Expiration Date | 10 | 143-152 | Date | None | The date that the pre-authorization expires. Format: YYYYMMDD. |

**Appendix B: Acronyms**

|  |  |
| --- | --- |
| **CCB** | Configuration Control Board |
| **CEIS** | Corporate Executive Information System |
| **DCN** | Document Change Notice |
| **DECC** | Defense Enterprise Computing Center |
| **DoD** | Department of Defense |
| **EIDS** | Executive Information Decision Support |
| **HIPAA** | Health Insurance Portability and Accountability Act |
| **ICD** | Interface Control Document |
| **ICD** | Initial Capabilities Document |
| **ICD-9** | International Classification of Diseases 9th Edition |
| **IIWW** | Ill, Injured, Wounded Warrior |
| **IWG** | Interface Working Group |
| **JROC** | Joint Requirements Oversight Council |
| **MCSC** | Managed Care Support Contractor |
| **MDR** | MHS Data Repository |
| **MHS** | Military Health System |
| **MMSO** | Military Medical Support Office |
| **OBD** | Occupied Bed Days |
| **ORD** | Operational Requirements Document |
| **SFTP** | Secure File Transfer Protocol |
| **SSN** | Social Security Number |
| **TSM** | Tivoli Storage Manager  |
| **VA** | Veteran’s Affairs |
| **VAMC** | VA Medical Center  |