**SDD Interface Control Document**

**Draft Version: Mod 1 V1**

**ICD Describing the Data Exchange of**

**TED-PR Data from DHA Decision Support Division to MDR**

Data Set: **TED-PR**

Source System: **DHA Decision Support Division**

Receiving System: **MDR**

Document Number: **ICD 1300-1643-01**

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**Final Approval**

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**Document History**

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| Baseline | Feb 24, 2006 | Baseline | All |  |
| Mod 1 | Jul 28, 2006 | Layout position changes beginning at “Provider Zip Code”. “Last Update Date” added to end of record. | A-3 thru A-6 |  |
| Mod 2 | Sept 06, 2013 | File layout changed to pipe ("|") delimited | 1-1, 2-1, A-1 thru A-6 |  |
| Baseline | Dec 17, 2014 | Rebaseline | All |  |
| Mod 1 | Sept 24, 2015 | Changes deal with clarifications of text, organization names and updates to data values for selected data elements. | All |  |
|  |  |  |  |  |

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# : Scope

This document describes the interface that provides the TRICARE Encounter Data Provider (TED-PR) file to the Military Health System (MHS) Data Repository (MDR).

## System Overview

DHA Decision Support Division personnel create the TED Provider file for the MDR by querying the TRICARE Encounter Data (TED) system. The TRICARE Encounter Data (TED) and MDR systems are both managed by the Solution Delivery Division (SDD) Program Executive Office (PEO).

The TED system captures clinical, administrative, and financial data for outpatient, inpatient, ancillary and other care from the Managed Care Support Contractors (MCSCs) who manage the TRICARE purchased care programs. The TED system captures and stores the following types of information:

* Patient demographic information
* Attending provider, other providers and institution of care
* Claim information
* Care Authorization (CA) / Non Availability Statement (NAS) information
* Patient diagnosis
* Patient treatment

The MDR serves as the core repository for MHS clinical, administrative, beneficiary population, enrollment, costing and workload data. The MDR collects, catalogues and organizes data files from a multitude of systems and processes, normalizes, and publishes this information to MHS decision-makers.

## Reference Documents

* EIDS Program Office, *CEIS Operational Requirements Document (ORD)*, Falls Church, VA, December 1997.
* TMA, *TRICARE Systems Manual 7950.1-M*, Falls Church, VA, 1 Aug 2002.

## Operational Agreement

This ICD provides the technical specification for the data exchange between the Defense Health Agency (DHA) Decision Support Division and the Military Health System (MHS) Data Repository (MDR) for the TED Provider (TED-PR) dataset. Modifications to the ICD will be made by the SDD Program Executive Office as required, and a copy of the revised ICD will be sent to the DHA Decision Support Division.

Appendix A delineates the TED-PR data elements that will be sent from DHA Decision Support to the MDR.

Should problems occur with the interface, MDR data production support personnel will immediately contact DHA Decision Support personnel.

# : Interface Specification

## Identification of Interface

This ICD addresses the following data exchange from DHA Decision Support to the MDR:

* TRICARE Encounter Data (TED) Provider Record (TED-PR)

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

## Precedence and Criticality of Requirements

Clinical and claims data from the MCSCs that is reliable is necessary for the MHS to make knowledge-based decisions. MDR provides this information to MHS decision-makers. A minimum of monthly updates are required for effective performance of the business. An inability to obtain this data for a period of 2 months or greater could have adverse consequences to the business.

## Communications Methods

The TED-PR data is extracted from the TED ODS by DHA Decision Support Division personnel on a monthly basis and made available on the SAS Computing Environment (SCE). Once available, DHA Decision Support personnel notify SDD Data Processing Operations via email of file availability. SDD Data Processing Operations personnel connect to the SCE from the MDR via SFTP to access the data and make it available in the MDR. The SFTP feature of Open SSH utilizes a FIPS 140-2 certified cryptographic module of OpenSSL.

The TED-PR dataset file naming convention is: provider\_yyyymm.txt.gz where ‘yyyymm’ is the four digit year and two digit month representing the data contained in the file. For example, the data received in September 2013 arrived with the following filename: provider\_201308.txt.gz because it contains data through August 2013. For verification of file completeness, a record count of the dataset(s) is provided in the email notification from DHA Decision Support.

## Performance Requirements

The data needs to be provided to SDD on a monthly basis.

## Security and Integrity

The data exchanged in this interface does not contain protected patient level identifiable information. The raw data is part of a database that contains sensitive data, and it is 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)

The production components of TED, MDR, and the SCE operate within the Defense Enterprise Computing Center Detachment, Oklahoma City (DECCD, Oklahoma City) environment. There is no transfer of TED-PR data outside the DECCD, Oklahoma City enclave, as part of this interface. Because these systems are contained within the same enclave, access to create and transfer the files among systems adheres to the same connection and password requirements as a regular user.

Users connect to the DECCD, Oklahoma City enclave networks via a Virtual Private Network (VPN), the DISA Out-Of-Band (OOB) VPN or via the DHA VPN, which requires PKI authentication. Once connected to the enclave networks, DHA Decision Support Division personnel and SDD Data Processing Operations personnel will connect to the SDD servers and be authenticated using an AIX username and password. The AIX password for these user accounts will expire every 55 days and meet the following security requirements:

* A minimum 15 character password containing 2 uppercase letters, 2 lowercase letters, 2 numbers, and 2 special characters.

### Data Integrity and Quality

Validation checks related to such items as record counts, file formats, source stamps, and date-time stamps will be performed on the data transferred from the SCE to the MDR. When errors are discovered in the data exchange, the DHA Decision Support Division will be notified immediately by SDD Data Processing Operations personnel. If there are systemic problems, appropriate SDD and DHA Decision Support Division counterparts will be engaged to work issues.

#

File Format

SDD receives the TRICARE Encounter Data Provider (TED-PR) dataset on a monthly basis from DHA Decision Support. For SDD application purposes, this data is processed and stored in the MDR. Extracts are provided for user applications such as the MHS MART (M2).

The TED-PR extract consists of a series of provider records that support the purchased care option for the MHS.

 Record Layout

Appendix tables describe record layouts for the TED-PR file. The file is a pipe-delimited (“|”) ASCII flat file. Each record is terminated by a new-line character.

All fields are variable length. Field lengths specified are the maximum field lengths. Numeric fields contain decimal points and leading negative signs where appropriate. Unless otherwise indicated, blank or missing values are indicated by consecutive delimiters.

The data shown in Table A-1 are examples of data values for many of the data elements. Since TED-PR record content is modified periodically to add, delete, or change data values, users of this document should refer to the TRICARE Systems Manual for the most current and definitive information about data values associated with each data element. The TRICARE Systems Manual is available for review at: http://manuals.tricare.osd.mil/DisplayManual.aspx?SeriesId=T3TSM

File Operational Context

The TED-PR data is used as a reference for TED claims. The record key is composed of the following fields:

* Provider Taxpayer Number
* Provider Sub-Identifier
* Provider Zip Code
* Institution/Non-Institution Indicator
* Provider Major Specialty or Type of Institution

**Table A-1 TED-PR Data Feed Record Data Elements**

| **Field Number** | **Field Name****(logical name)** | **Field Length** | **Data Type** | **Data Units** | **Value Range** | **Functional Description** |
| --- | --- | --- | --- | --- | --- | --- |
|  | Provider Taxpayer Number | 9 | A-Numeric | NA | None | The IRS taxpayer identification number (TIN) assigned to the institution/provider supplying the care. For institutions, it must be the employer identification number (EIN). For individual providers it must be the EIN or SSN, if available. If not available, the contractor will report the contractor-assigned number. |
|  | Provider Sub Identifier | 4 | A-Numeric | NA | None | Identification number that uniquely identifies multiple providers using the same TIN. |
|  | Provider Taxpayer Number Identifier | 1 | A-Numeric | A, E, S | A - Assigned by contractorE - EINS - SSN | Code to identify the Provider TIN as being an EIN or SSN or contractor assigned. |
|  | Contractor Number | 2 | A-Numeric | 00, 02, 04, 05, 08, 15, 25, 26, 45, 53, 57, 60, 61, 62, 63, 64, 65, 70, 71, 72, 73 | None | Identification code for the contractor. Used to identify each contractor submitting Provider File Records.Code values are defined in the TRICARE Systems Manual. |
|  | Provider Contract Affiliation Code | 1 | A-Numeric | NA  | 0, 1, 2, 3, 4 | Code indicating whether the provider is under contract with the contractor. All codes are irrespective of any partnership agreements. For provider records:0 not applicable1 contracted2 not contracted3 contracted/not contracted4 active duty TPR 5 Non-certified providers |
|  | Institutional/ Non-Institutional Indicator | 1 | A-Numeric | NA | I, N | Code used to identify a provider as an institution or non-institution. Coded as follows:I InstitutionN Non-institution |
|  | Provider Name | 40 | A-Numeric | NA | None | The name of the provider. |
|  | Provider Street Address | 30 | A-Numeric | NA | None | Street address of the provider’s location. |
|  | Provider City | 18 | A-Numeric | NA | None | The city in which the provider of medical care is located. |
|  | Provider State or Country Code | 3 | A-Numeric | Codes are located in the *TRICARE Systems Manual* | None | Code assigned to identify the state or foreign country in which the provider is physically located.Code values are defined in the TRICARE Systems Manual. |
|  | Provider Zip Code | 5 | A-Numeric | NA | None | The first 5 digits of the zip code or a three-character country code for provider’s health care business location where the care was provided. The first 5 digits are used along with other ‘key’ elements to uniquely identify multiple providers using the same Provider Taxpayer Number. |
|  | Provider ZIP Code 4 | ~~4~~ | A-Numeric | NA | None | Digits 6 thru 9 of the ZIP code of the location where the care was provided. |
|  | Provider Billing Street/P.O. Box | 30 | A-Numeric | NA | None | The street address for submitting bill transactions for services rendered by the provider. |
|  | Provider Billing City | 18 | A-Numeric | NA | None | The city for submitting bill transactions for services rendered by the provider. |
|  | Provider Billing State or Country Code | 3 | A-Numeric | NA | None | The state or country code for submitting bill transactions for services rendered by the provider. |
|  | Provider Billing Zip Code | 5 | A-Numeric | NA | None | The first 5 digits of the zip code of the location where bill transactions are submitted for provider services. Must be a valid zip code or blanks if a foreign country. |
|  | Provider Billing ZIP Code 4 | ~~4~~ | A-Numeric | NA | None | Digits 6 thru 9 of the provider's billing ZIP code. |
|  | Provider Major Specialty/Type of Institution | 10 | A-Numeric | NA | Codes are located in the *TRICARE Systems Manual* | Code describing a provider’s major specialty, e.g., provider taxonomy, for non-institutional TEDs/HCSRs or a code describing the type of institution for institutional TEDs/HCSRs. |
|  | Type of Institution Code | 1 | A-Numeric | NA | S, L | Code used to identify type of institution as short or long term. Coded as follows:S Short term (less than 30 days)L Long term (30 days or more) |
|  | AHA ID Number | 9 | A-Numeric | NA | Standard AHA tables. Source: SDCS. | The identification number assigned by the American Hospital Association (AHA). |
|  | AHA Multi-Hospital System Code | 4 | A-Numeric | NA | AHA codes. Source: SDCS. | Code assigned by AHA to identify multi-hospital systems. |
|  | Medicare Number | 8 | A-Numeric | NA | Medicare tables. | Number assigned to an institution by Medicare. |
|  | Provider Acceptance Date | 8 | Numeric | NA | None | Date a provider met criteria to provide services. If the provider was never qualified to provide services zero fill. Format YYYYMMDD. |
|  | Provider Termination Date | 8 | Numeric | NA | None | Date a provider is either suspended or terminated as a valid TRICARE provider (not to be used as the date a change was made to the file). If the provider was never qualified to provide services, zero filled. Format YYYYMMDD. |
|  | Rural/Urban Indicator | 1 | A-Numeric | NA | L, R, U, blank | Indicates for DRG amount calculation whether the institution is located in a rural or urban area. Coded as follows:L Large urbanR RuralU Urbanblank Not applicable |
|  | IDME Ratio | 5 | Numeric | NA | None | The ratio used on a hospital-specific basis to standardize the charges for the cost effects of Indirect Medical Education (IDME) factors for teaching hospitals. Rarely populated. |
|  | IDME Ratio Effective Date | 8 | Numeric | NA | None | Date the IDME ratio or change to the IDME ratio became effective. Format YYYYMMDD. Rarely populated. |
|  | Area Wage Index | 5 | A-Numeric | NA | None | Adjustment factored to the labor-related portion of the Adjusted Standardize Amount (ASA) to account for the differences in wages among geographic areas, based on the hospital’s physical address, not billing address. Rarely populated. |
|  | Area Wage Index Effective Date | 8 | Numeric | NA | None | Date the Area Wage Index or a change to the index became effective. Format YYYYMMDD. Rarely populated. |
|  | DRG Exempt/ Nonexempt Indicator | 1 | A-Numeric | NA | C, E, N, blank | Indicates whether the institution provider is exempted from the TRICARE/CHAMPUS-DRG based payment system. Coded as follows:C DRG non-exempt/contracted reimbursement arrangementE DRG exemptN DRG non-exemptblank not applicable |
|  | DRG Exempt/ Nonexempt Effective Date | 8 | Numeric | NA | None | Date the exempt/none-exempt status of the institutional provider became effective or a status change became effective. Format YYYYMMDD. |
|  | Transaction Code | 1 | A-Numeric | NA | A, I, M | Code to identify type of processing to be done on the record. Coded as follows:A Add recordI Inactivate recordM Modify record |
|  | Record Effective Date | 8 | Numeric | NA | None | Date to indicate the effective date of the data on this record. Format YYYYMMDD. |
|  | Last Update Date | 26 | Timestamp | NA | None | Date the record was last updated. Format: YYYY/MM/DD HH:MM:SS |

*Notes:*

1. *This record is pipe (“|”) delimited.*
	* + - 1.

| **Acronym** | **Name** |
| --- | --- |
| **AD** | Active Duty |
| **ADFM** | Active Duty Family Member |
| **ADSM** | Active Duty Service Member |
| **AGR** | Active Guard and Reserve |
| **APC** | Ambulatory Payment Classification Code  |
| **ASAP** | Automated Standard Application for Payments |
| **B2B** | Business-to-Business |
| **CA** | Consultation Appointment |
| **CAM** | Complementary and Alternative Medicine |
| **CCB** | Configuration Management Board |
| **CEIS** | Corporate Executive Information System |
| **CHAMPVA** | Civilian Health and Medical Program for the Department of Veterans Affairs |
| **CHCBP** | Continued Health Care Benefit Program |
| **CLIN** | Contract Line Item Number |
| **DCN** | Document Change Notice |
| **DDS** | DEERS Dependent Suffix |
| **DECC** | Defense Enterprise Computing Center |
| **DEERS** | Defense Enrollment Eligibility Reporting System |
| **DHA** | Defense Health Agency |
| **DHA-A** | Defense Health Agency-Aurora |
| **DME** | Durable Medical Equipment |
| **DMIS** | Defense Medical Information System |
| **DMDC** | Defense Manpower Data Center |
| **DoD** | Department of Defense |
| **DRG** | Diagnosis Related Group |
| **EIDS** | Executive Information/Decision Support |
| **EIN** | Employer Identification Number |
| **EMC** | Electronic Media Claims |
| **FDA** | Food and Drug Administration |
| **FI** | Financial Intermediary |
| **FIN** | Foreign Identifier Number |
| **FIPS** | Federal Information Processing Standards |
| **HCFA 1500** | Health Care Financing Administration Professional Fee Billing Claim |
| **HCPCS** | Healthcare Common Procedure Coding System |
| **HCSR** | Health Care Service Record |
| **HCSR-NI** | HCSR Non-Institutional |
| **HHA** | Home Health Agency |
| **HIPAA** | Health Insurance Portability and Accountability Act |
| **HMO** | Health Maintenance Organization |
| **HSSC** | Health Service Support Contractor |
| **ICD** | Interface Control Document |
| **ICD-9** | International Classification of Diseases (9th revision) |
| **ICD-10** | International Classification of Diseases (10th revision) |
| **ICN** | Internal Control Number |
| **IP** | Inpatient |
| **M2** | MHS MART |
| **MCSC** | Managed Care Support Contractor |
| **MDC** | Medical Diagnostic Category |
| **MDR** | MHS Data Repository |
| **MHS** | Military Health System |
| **MTF** | Medical Treatment Facility |
| **NAS** | Non Availability Statement |
| **NATO** | North Atlantic Treaty Organization |
| **NDC** | National Drug Code |
| **NOAA** | National Oceanographic and Atmospheric Administration |
| **NPI** | National Provider Identifier |
| **OCHAMPUS** | Office of Civilian Health and Medical Program of the Uniformed Services |
| **ODS** | Operational Data Store |
| **OHI** | Other Health Insurance |
| **OPPS** | Outpatient Prospective Payment System  |
| **ORD** | Operational Requirements Document |
| **PCDW** | Purchased Care Data Warehouse |
| **PCM** | Primary Care Manager |
| **RAPIDS** | Real-Time Automated Personnel Identification System |
| **SDD** | Solution Delivery Division |
| **SHCP** | Supplemental Health Care Program |
| **SSN** | Social Security Number |
| **STF** | Specialized Treatment Facility |
| **STIG** | Security Technical Implementation Guide |
| **TAMP** | Transitional Assistance Management Program |
| **TED** | TRICARE Encounter Data |
| **TED-NI** | TED Non-Institutional |
| **TFL** | TRICARE For Life |
| **TIN** | Taxpayer Identification Number |
| **TNEX** | TRICARE Next Generation Contract |
| **TPL** | Third Party Liability |
| **TPR** | TRICARE Prime Remote |
| **TSP** | TRICARE Senior Prime |
| **TSS** | TRICARE Senior Supplement |
| **UB04** | Uniform Billing Claim Form  |
|  |  |