

## DSIO 1.0 (SPRINT 8 BUILD 6)

April 11, 2014

### Location of Version Notes and KID

<\\imagnetest\Product Versions\DSIO\KIDS\Version 1.0\Sprint 8 SBUILDS\>

### Version Notes

[DSIO\\_1\\_SPRINT8\\_BUILD6\\_VN.pdf](#)

### Package Notes

[DSIO\\_CORE.pdf](#)

[DSIO\\_DDCS.pdf](#)

[DSIO\\_oCNTs.pdf](#)

[DSIO\\_SMART.pdf](#)

|                      |                         |
|----------------------|-------------------------|
| <b>Required</b>      | <b>DSIO_1_T3.KID</b>    |
|                      | <b>DSIO_1_S8_B2.KID</b> |
|                      | <b>DSIO_1_S8_B3.KID</b> |
|                      | <b>DSIO_1_S8_B4.KID</b> |
|                      | <b>DSIO_1_S8_B5.KID</b> |
| <b>KIDS Filename</b> | <b>DSIO_1_S8_B6.KID</b> |

#### Pre Installation:

Read these version notes.

#### Installation:

Normal KIDS install through Kernel Installation & Distribution System

#### Post installation:

Following the instructions below...

## Description of Changes and Enhancements

Functionality **Vista M enhancements for Maternity Care**  
Customer VA  
Category Innovation

| S#  | Date       | Notes  |
|---|------------|--|
| 6   | 04/11/2014 | <ul style="list-style-type: none"><li>• DSIO_1_S8_B6.KID</li></ul> |
| <b>CORE:</b> <ul style="list-style-type: none"><li>- DSIO GET RECORD TEXT - input "B" corrected</li><li>- Updated RPC: DSIO IS IT CONTROLLED? to check the inactive field</li><li>- DSIO CREATE A NOTE - Input parameters changed:<ul style="list-style-type: none"><li>- DFN,TITLE,NOTE,DATA,SUBJ</li></ul></li><li>- DSIO TITLE CONFIGURATION (file) will store visit information for a title<ul style="list-style-type: none"><li>- the .03 field of this file uses the SET OF CODES from the VISIT file .07 field (service category)</li></ul></li></ul>  |            |  |
| <b>Visit information:</b><br><br><a href="http://www.va.gov/vdl/application.asp?appid=65">http://www.va.gov/vdl/application.asp?appid=65</a><br><br><b>Q</b> Why do we have to enter Visits and encounter data for Progress Notes? What are “Historical Visits”?<br><br><b>A:</b> Visit data is now required for every outpatient encounter. The vast majority of Progress Notes are already linked to an admission and don’t require additional visit information to be added. A historical visit or encounter is a visit that occurred at some time in the past or at some other location (possibly non-VA). Although these are not used for workload credit, they can be used for setting up the PCE reminder maintenance system, or for other non-workload-related reasons.<br><br><b>NOTE:</b> If month or day aren’t known, historical encounters will appear on encounter screens or reports with zeroes for the missing dates; for example, 01/00/95 or 00/00/94.<br><br><b>Visit Orientation</b><br>Why associate Progress Notes with Visits?<br><br><b>Database design:</b> An event (clinical or otherwise) may be fully described by five key attributes or parameters: Who, what, when, where, and why. Three of these (i.e., who, when, and where), are all encoded in the Visit File entry itself. The remaining two parameters (what, and why), are generally included in the content of the document.<br><br><b>The VHA Operations Manual, M-1, Chapter 5</b> requires that every ambulatory visit have at least one Progress Note. Deficiencies with respect to this requirement can <i>only</i> be identified if Progress Notes are associated with their corresponding Visits.<br><br><b>Inter-facility data transfer</b> requires identification of the Facility from which the data originated. Because the Facility is an attribute of the Visit file entry, it is not necessary to maintain a reference to the facility with every clinical document. |            |  |

**Workload Capture**, particularly for telephone and standalone encounters, where the only record of the encounter is frequently a Progress Note, can be easily accommodated, provided that notes are associated with visits.

**“Roll-up” of documentation by Care Episode.** To allow access to all information pertaining to a given episode of care (e.g., for close-out of a hospitalization), a visit orientation is essential.

**Integration with PCE, Ambulatory Care Data Capture, and CIRN.** The visit orientation provides a useful associative entity for interfaces with other clinical data repositories that allow query and report generation based on the existence of a variety of coded data elements. For example, a search of PCE to identify all patients with AIHD who were discharged without a prescription for aspirin prophylaxis might identify a cohort of patients for further evaluation. The ability to call for all the cardiology notes entered during the corresponding care episodes could revolutionize retrospective chart review).

#### **SUPPRESS VISIT SELECTION**

Enter 1 for YES *only if* this is an administrative note which creates its own historical visit. You will NOT receive workload credit for such visits.

For most documents it is very important that the user entering a document select the appropriate visit to link the document with. However, certain administrative documents for outpatients have no particular visit that they should be linked with. For example, a clinician could have a chance encounter with a patient in the corridor and want to document the discussion, or a clinician could simply want to remind him/herself of something for a given patient.

Documents for such purposes can be set to automatically create their own historical visit when they are entered, so that the user is not asked to select a visit.

#### **Setting up the DSIO TITLE CONFIGURATION file:**

Using FileMan enter/edit DSIO TITLE CONFIGURATION, select the TIU Document Title you wish to add, select a visit location and a service category (use a ??? to see a list of service categories). If there is no appropriate HOSPITAL LOCATION (the VISIT LOCATION field) you may wish to create it before creating the title configuration entries.\*\*

VAH> **D Q^DI**

VA FileMan 22.0

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: TIU DOCUMENT// **DSIO TITLE CONFIGURATION**  
(2 entries)

EDIT WHICH FIELD: ALL//

Select DSIO TITLE CONFIGURATION: MCC PROVIDER CONTACT      TITLE

TITLE: MCC PROVIDER CONTACT//  
VISIT LOCATION: MATERNITY TRACKER//  
SERVICE CATEGORY: T//

Select DSIO TITLE CONFIGURATION: MCC NOTE      TITLE

TITLE: MCC NOTE//  
VISIT LOCATION: MATERNITY TRACKER//  
SERVICE CATEGORY: E// ??

Select one of the following:

|   |                              |
|---|------------------------------|
| A | AMBULATORY                   |
| H | HOSPITALIZATION              |
| I | IN HOSPITAL                  |
| C | CHART REVIEW                 |
| T | TELECOMMUNICATIONS           |
| N | NOT FOUND                    |
| S | DAY SURGERY                  |
| O | OBSERVATION                  |
| E | EVENT (HISTORICAL)           |
| R | NURSING HOME                 |
| D | DAILY HOSPITALIZATION DATA   |
| X | ANCILLARY PACKAGE DAILY DATA |

SERVICE CATEGORY: E//

## HOSPITAL LOCATIONS

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\*\*Not all HOSPITAL LOCATIONS can support the above services – VistA will assign a different service category other than the one set in configuration if the location doesn't have the supporting stop code.

For example: for a location to support (T) ELECOMMUNICATIONS it would have to have a tele/telephone type stop code...

Select HOSPITAL LOCATION NAME: MATERNITY TRACKER  
STOP CODE NUMBER: TELE-ICU PATIENT SITE// TELE

|   |                           |     |
|---|---------------------------|-----|
| 1 | TELE-ICU PATIENT SITE     | 901 |
| 2 | TELE-PATHOLOGY            | 111 |
| 3 | TELEPHONE - RRTP          | 597 |
| 4 | TELEPHONE BY HT STAFF     | 686 |
| 5 | TELEPHONE CASE MANAGEMENT | 182 |

Press <RETURN> to see more, '^' to exit this list, OR  
CHOOSE 1-5:

## VISTA

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VistA example of running DSIO CREATE A NOTE **with** a configured HOSPITAL LOCATION supporting telecommunications...

```
VAH>D CREATE^DSIO3(.RET,51,"MCC PROVIDER CONTACT",,.NOTE,,"THIS IS A SUBJ")
```

```
VAH>ZW RET  
RET="5731^1^1"
```

```
VAH>D Q^DI
```

VA FileMan 22.0

Select OPTION: INQUIRE TO FILE ENTRIES

OUTPUT FROM WHAT FILE: TIU DOCUMENT

Select TIU DOCUMENT DOCUMENT TYPE: ` 5731 MCC PROVIDER CONTACT ACPATIENT,SI  
X 04-11-14 TITLE

Std Title: WOMENS HEALTH NOTE

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// (Yes)

Include COMPUTED fields: (N/Y/R/B): NO// - No record number (IEN), no Computed  
Fields

DISPLAY AUDIT TRAIL? No// NO

DOCUMENT TYPE: MCC PROVIDER CONTACT PATIENT: ACPATIENT,SIX

VISIT: APR 11, 2014@15:43:05 PARENT DOCUMENT TYPE: MATERNITY TRACKER

STATUS: UNSIGNED

EPISODE BEGIN DATE/TIME: APR 11, 2014@15:43:05

VISIT TYPE: T

ENTRY DATE/TIME: APR 11, 2014@15:43:06

AUTHOR/DICTATOR: FONTANA,THEO F

EXPECTED SIGNER: FONTANA,THEO F

HOSPITAL LOCATION: MATERNITY TRACKER VISIT LOCATION: MATERNITY TRACKER

DIVISION: VAMC ALBANY

REFERENCE DATE: APR 11, 2014@15:43:05

ENTERED BY: TF

CAPTURE METHOD: remote procedure

SERVICE: INFORMATION SYSTEMS CENTER COSIGNATURE NEEDED: NO

SUBJECT (OPTIONAL description): THIS IS A SUBJ

VISIT ID: 17MX-ALN

VistA example of running DSIO CREATE A NOTE **without** a configured HOSPITAL LOCATION supporting  
telecommunications will create an E(VENT/ HISTORICAL) visit instead...

VAH>D Q^DI

VA FileMan 22.0

Select OPTION: 1 ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: DSIO TITLE CONFIGURATION//

EDIT WHICH FIELD: ALL//

Select DSIO TITLE CONFIGURATION: MCC PROVIDER CONTACT TITLE

Std Title: WOMENS HEALTH NOTE

...OK? Yes// (Yes)

TITLE: MCC PROVIDER CONTACT//

VISIT LOCATION: MATERNITY TRACKER// GEN MED

1 GEN MED

2 GEN MED COMP AND PEN TRMPHYSICIAN,ONE

CHOOSE 1-2: 1 GEN MED

SERVICE CATEGORY: T//

VAH>D CREATE^DSIO3(.RET,51,"MCC PROVIDER CONTACT",.NOTE,,"THIS IS A SUBJ")

VAH>ZW RET  
RET="5732^1^1"

VAH>D Q^DI

VA FileMan 22.0

Select OPTION: INQUIRE TO FILE ENTRIES

OUTPUT FROM WHAT FILE: DSIO TITLE CONFIGURATION// TIU DOCUMENT

- 1 TIU DOCUMENT (4417 entries)
- 2 TIU DOCUMENT DEFINITION (421 entries)
- 3 TIU DOCUMENT PARAMETERS (34 entries)

CHOOSE 1-3: 1 TIU DOCUMENT (4417 entries)

Select TIU DOCUMENT DOCUMENT TYPE: `5732 MCC PROVIDER CONTACT ACPATIENT,SI

X 04-11-14 TITLE

Std Title: WOMENS HEALTH NOTE

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// (Yes)

Include COMPUTED fields: (N/Y/R/B): NO// - No record number (IEN), no Computed  
Fields

DISPLAY AUDIT TRAIL? No// NO

DOCUMENT TYPE: MCC PROVIDER CONTACT PATIENT: ACPATIENT,SIX

VISIT: APR 11, 2014@15:47:18 PARENT DOCUMENT TYPE: MATERNITY TRACKER

STATUS: UNSIGNED

EPISODE BEGIN DATE/TIME: APR 11, 2014@15:47:18

**VISIT TYPE: E** ENTRY DATE/TIME: APR 11, 2014@15:47:18

AUTHOR/DICTATOR: FONTANA,THEO F EXPECTED SIGNER: FONTANA,THEO F

DIVISION: VAMC ALBANY REFERENCE DATE: APR 11, 2014@15:47:18

ENTERED BY: TF CAPTURE METHOD: remote procedure

SERVICE: INFORMATION SYSTEMS CENTER COSIGNATURE NEEDED: NO

SUBJECT (OPTIONAL description): THIS IS A SUBJ

**VISIT ID: 17N0-ALN**

## Components:

|                      |                      |
|----------------------|----------------------|
| Type: SINGLE PACKAGE | National Package: NO |
|----------------------|----------------------|

| File #  | File Name                | Update DD | Send Sec. Code | Data Comes w/ file | Site Date | RSLVPTRS | User Override |
|---------|--------------------------|-----------|----------------|--------------------|-----------|----------|---------------|
| 19641.5 | DSIO TITLE CONFIGURATION | YES       | YES            | NO                 |           |          |               |

**ROUTINE:**

DSIO2  
DSIO3  
DSIO4

**ACTION:**

SEND TO SITE  
SEND TO SITE  
SEND TO SITE

**OPTION:**

DSIO GUI CONTEXT

**ACTION:**

SEND TO SITE

**REMOTE PROCEDURE:**

DSIO CREATE A NOTE

**ACTION:**

SEND TO SITE

**NAME:** DSIO GUI CONTEXT

TYPE: Broker (Client/Server)

RPC: DSIO CREATE TRACKING LOG

RPC: DSIO FEMALE PATIENT FIND

RPC: DSIO FEMALE PATIENT SEARCH

RPC: DSIO GET TRACKING

RPC: DSIO SELECT LIST

RPC: ORWU HASKEY

RPC: DG SENSITIVE RECORD ACCESS

RPC: DG SENSITIVE RECORD BULLETIN

RPC: TIU DOCUMENTS BY CONTEXT

RPC: ORWPT SELECT

RPC: ORWU USERINFO

RPC: DSIO GET SINGLE VALUE

RPC: DSIO SAVE NON VA ENTITY

RPC: DSIO RETURN ENTITY

RPC: DSIO CREATE A NOTE

RPC: DSIO UPDATE A NOTE

RPC: DSIO MAKE ADDENDUM

RPC: DSIO GET RECORD TEXT

RPC: DSIO DELETE A NOTE

RPC: DSIO SIGN A NOTE

RPC: DSIO NOTES BY DFN AND TITLE

RPC: DSIO GET NOTE ELEMENT

RPC: DSIO IS IT CONTROLLED?

RPC: XUS CVC

RPC: TIU GET RECORD TEXT

RPC: TIU AUTHORIZATION

RPC: DSIO IHE SAVE

RPC: VPR DATA VERSION

RPC: VPR GET PATIENT DATA

RPC: DSIO IHE PATIENT LIST

**MENU TEXT:** MCC DASHBOARD RPCS

CREATOR: FONTANA,THEO F

RPC: DSIO IHE GET DOC  
RPC: ORWU1 NEWLOC  
RPC: DSIO VPR GET PATIENT DATA  
UPPERCASE MENU TEXT: MCC DASHBOARD RPCS