DSIO*1.0*1 (T17)

July 1, 2015

Required	DSIO 1.0 T15
KIDS Filename	DSIO_1_P1_T17.KID

Installation:
Normal KIDS install through Kernel Installation & Distribution System

Description of Changes and Enhancements

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

T#	Date	Notes
17	07/01/2015	DSIO_1_P1_T17.KID
		1. S15704 - Nurse Postpartum Note a. Made some changes to the oCNT push routines on updating a pregnancy with the baby information. 2. RPC: DSIO GET MCC PATIENT CHECKLIST a. This RPC processed twice in some instances which has been corrected. i. DFN is required ii. DFN, CIEN then a single entry is returned iii. DFN, CIEN, HIEN treated as DFN, HIEN and the patient checklist items for that pregnancy is returned b. There was some code indicating the sort was supposed to be part of this RPC but was incomplete – sorting/paging has been added.
16	06/24/2015	DSIO_1_P1_T16.KID
		Tracking return for a single patient was returning all logs. Corrected the use of the key (DFN) used as the starting point (minus one) for the loop and not equal to for the stop.
15	06/23/2015	DSIO_1_P1_T15.KID
		Updated PAT^DSIO02 used by the oCNT to reflect the most recent changes to INFO^DSIO1.
14	06/23/2015	DSIO_1_P1_T14.KID
		DDCS (OLD) was using the title lookup API with the note IEN and failing so the TITLE API has been expanded to return the title IEN from the note IEN so that it may proceed normally.

13	06/22/2015	DSIO_1_P1_T13.KID

$$GET1^DIQ does not play well with $$GETS^DIQ so all computed fields of the DSIO PATIENT file have had their functions changed to direct global reads entirely except for 999.1 and 999.11 which are based on TDrugs and their corresponding fields don't currently exist.

12	06/22/2015	DSIO_1_P1_T12.KID

2015-06-22 07:56:02: M Error Calling RPC 'DSIO GET PATIENT INFORMATION': M ERROR=<SUBSCRIPT>INFO+12^DSIO1 ^DSIO(19641,715,3,"")

S RET(NUM)="3^"_$$FMTE^XLFDT($P($G(^DSIO(19641,DFN,3,+$$LACE^DSIO4(DFN),0)),U),"5ZS")

11	06/22/2015	DSIO_1_P1_T11.KID

1. Corrected RPC: DSIO GET TIU NOTES when called with an IEN. The values were being set to a local array rather than the returned global array.

10	06/22/2015	DSIO_1_P1_T10.KID

1. Corrected DSIO4 utilities for computed fields for when data does not exists

9	06/19/2015	DSIO_1_P1_T9.KID

1. Updated some pregnancy utilities (DSIO4) called but computed fields. This should speed up collecting patient information.

8	06/19/2015	DSIO_1_P1_T8.KID

1. Corrected calls to save observations in the DSIO OCNT PUSH utility (DSIO01). Split the routine due to size and placed the configuration subroutines in DSIO02 – updated DSIO OCNT/DIALOG CONFIGURATION files (19641.48/19641.49).
2. Rewrote RPC: DSIO GET PATIENT INFORMATION – it no longer uses the LIST input parameter (only DFN). It will always return all the patient information in an array of name value pairs.

7	06/18/2015	DSIO_1_P1_T7.KID

1. An error was occurring in the oCNT PUSH routines. Removed the call to REC^DSIO6 which is meant to happen after PUSH, not during.

6	06/18/2015	DSIO_1_P1_T6.KID

1. (S21206) Added some additional logic to the post install routine to help to clean up old cross references and rebuild the new ones. Also corrected the sorting of observations.
2. (R194.06), (R239.00), (R240.00) Reversed the order of the tracking log return.
3. (R244.01) Corrected the duplicate name check to see if the name already exists and if so, is the IEN associated with it the current record or not – if not then fail.
4. (R244.02) Phone number and ZIP code validation for all numbers only and am not producing error messages (does NOT prevent the record from being saved). Possible Messages:
    a. IEN^Record saved but phone number(s) not updated.
    b. IEN^Record saved but ZIP code not updated.
    c. IEN^Record saved but phone number(s) and ZIP code not updated.
5. Added the patient identifier to the observation file.
6. Tracking Log Return for Tracked patients have had LAST CONTACT DATE, NEXT CONTRACT DATE, and NEXT CHECKLIST DATE and as pieces 12, 13, and 14.
7. (DE6278) Uncertain what's wrong; however, additional information was provided about the note return RPC.

5	06/04/2015	DSIO_1_P1_T5.KID

1. The observation RPC was being used to save some of the data in order to adhere to the new file structure; however, that was leading to push actions to file which caused the conversion to fail. I have switched to using the save RPC APIs instead of the top level API.

4	06/04/2015	DSIO_1_P1_T4.KID

1. Corrected RPC: DSIO GET TIU NOTES the X-REF used is only set on a completed note, now using the "C" X-REF
2. Updated the DSIO OBSERVATION conversion
3. The RPC: DSIO GET ORDER LIST has been updated

1	06/03/2015	DSIO_1_P1_T1.KID

1. Updated RPCs for Performance – removing FileMan API's like LIST^DIC and replacing with direct global reads.
2. Many RPCs have changed for standardized input parameter layouts and returns
3. Many PRCs have had their names updated to follow a format of 'DSIO GET' / 'DSIO SAVE'
4. The DSIO OBSERVATION file has been updated to support additional fields – this fields are also accessible via the RPCs
5. The Pregnancy RPCs support additional fields previously only accessible via the oCNTs
6. The Person RPCs support additional fields previously only accessible via the oCNTs
7. The Patient Search/Find RPCs were merged into DSIO PATIENT LIST

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	DSIO PATIENT	YES	YES	NO			
19641.1	DSIO EXTERNAL ENTITIES	YES	YES	NO	DATA CONVERT		
19641.11	DSIO PERSON	YES	YES	NO	DATA CONVERT		
19641.112	DSIO FETUS/BABY	YES	YES	NO			
19641.12	DSIO OBSERVATIONS	YES	YES	NO	DATA CONVERT		
19641.124	DSIO PUSH HISTORY	YES	YES	NO			
19641.13	DSIO PREGNANCY HISTORY	YES	YES	NO			
19641.2	DSIO TRACKING HISTORY	YES	YES	NO			
19641.48	DSIO OCNT CONFIGURATION	YES	YES	YES	POST INSTALL SUPPORT		
19641.49	DSIO OCNT DIALOGS	YES	YES	YES	POST INSTALL SUPPORT		
19641.5	DSIO TITLE CONFIGURATION	YES	YES	NO	DATA CONVERT		
19641.6	DSIO IHE DOCUMENT	YES	YES	NO			
19641.83	DSIO PREGNANCY-NOTE	YES	YES	NO			
19641.99	DSIO CODES	YES	YES	NO			

Key

	Transporting Data
	Information

ROUTINE: (Option: XTSUMBLD-CHECK/Routine: CHCKSUM^XTSUMBLD)

PRE-INIT: DSIO0P	POST-INIT: DSIO0PP	
NAME	CHECKSUM	DESCRIPTION
DSIO01	144614578	DSIO OCNT PUSH SUPPORT
DSIO02	30432412	DSIO OCNT PUSH UTILITIES
DSIO1	234772474	DSIO GENERAL RPCS
DSIO2	41277423	DSIO X-REFERENCES AND UTILITIES
DSIO3	84942036	DSIO TIU AND IHE SUPPORT
DSIO4	53155979	DSIO PREGNANCY X-REF AND FILE SUPPORT
DSIO5	21596236	DSIO TRIGGERS
DSIO6	157316776	DSIO DISCREET DATA
DSIO7	125690124	DSIO VPR FOR IHE
DSIO9	71248442	DSIO PERSON
DSIO10	106816534	DSIO OBSERVATION AND PREGNANCY
DSIO11	126247531	DSIO MCC CHECKLIST
DSIO12	38836318	DSIO CLINICAL RPCS
DSIO13	6558447	DSIO ORDER RPCS
DSIO14	23728438	DSIO IHE
DSIO15	56112468	DSIO PREGNANCY
DSIO98	12067958	DSIO PUSH AND LOG
DSIO99	105485889	POST-INSTALLATION

OPTION:

DSIO GUI CONTEXT
DSIO CHECK NOTE STATUS

REMOTE PROCEDURES:

DSIO CREATE A NOTE
DSIO CREATE TRACKING LOG

DSIO DELETE A NOTE
DSIO FEMALE PATIENT FIND
DSIO FEMALE PATIENT SEARCH
DSIO GET EXTERNAL ENTITY
DSIO GET IHE CONTENT
DSIO GET IHE DOCS
DSIO GET IHE PATIENT INFO
DSIO GET NOTIFICATIONS/ALERTS
DSIO GET OBSERVATIONS
DSIO GET PATIENT INFORMATION
DSIO GET PERSON
DSIO GET PREG DETAILS
DSIO GET PREG OBSERVATIONS
DSIO GET PROVIDER
DSIO GET RECORD TEXT
DSIO GET REMINDER DETAIL
DSIO GET REMINDER LIST
DSIO GET TIU NOTES
DSIO GET TRACKING
DSIO IHE GET DOC
DSIO IHE PATIENT LIST
DSIO IHE SAVE
DSIO MAKE ADDENDUM
DSIO PATIENT LIST
DSIO SAVE EXTERNAL ENTITY
DSIO SAVE IHE DOC
DSIO SAVE NON VA ENTITY
DSIO SAVE OBSERVATION
DSIO SAVE PERSON
DSIO SAVE PREG DETAILS
DSIO SELECT LIST
DSIO SET PATIENT INFORMATION
DSIO SIGN A NOTE
DSIO UPDATE A NOTE
DSIO VPR GET PATIENT DATA
DSIO GET ORDER LIST
DSIO GET ORDER DETAIL
DSIO GET MCC PATIENT CHECKLIST

Key

	DELETE AT SITE