

DSIO 1.0 (SPRINT 12 BUILD 1)

June 02, 2014

Location of Version Notes and KID

<\\imagnetest\Product Versions\DSIO\KIDS\Version 1.0\Sprint 12 SBUILDS\>

Version Notes

[DSIO_1_SPRINT12_BUILD1_VN.pdf](#)

Package Notes

[DSIO_CORE.pdf](#)

[DSIO_DDCS.pdf](#)

[DSIO_oCNTs.pdf](#)

[DSIO_SMART.pdf](#)

Required	DSIO_1_T3.KID	
	Sprint 8 Builds	
	Sprint 9 Builds	
	Sprint 10 Builds	
	Sprint 11 Builds	
KIDS Filename	DSIO_1_S12_B1.KID	
GUI	CPRChart.exe (CPRS)	V1.0.29.28

Installation:

Normal KIDS install through Kernel Installation & Distribution System

Post Installation:

****Once these post installation steps are completed – please view the end of this document for a quick guide to configuring Reminder Dialogs to capture discreet data and to push that data elsewhere.**

GUI: Replace your existing CPRChart.exe with the new one located via the hyperlinked version above.

Vista: Create the DSIO DDCS resource device.

EXP> **D ^XUP**

Setting up programmer environment

This is a PRODUCTION account.

Terminal Type set to: C-VT100

You have 23 new messages.

Select OPTION NAME: **EVE**

- 1 EVE Systems Manager Menu
- 2 EVENT CAPTURE ECX ECS MAINTENANCE Event Capture
- 3 EVENT CAPTURE (ECS) EXTRACT AU ECX ECS SOURCE AUDIT Event Capture
(ECS) Extract Audit
- 4 EVENT CAPTURE DATA ENTRY ECENTER Event Capture Data Entry
- 5 EVENT CAPTURE EXTRACT ECXEC Event Capture Extract

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: **1** EVE Systems Manager Menu

Core Applications ...
Device Management ...
FM VA FileMan ...
Menu Management ...
Programmer Options ...
Operations Management ...
Spool Management ...
Information Security Officer Menu ...
Taskman Management ...
User Management ...
Application Utilities ...
Capacity Planning ...
HL7 Main Menu ...
Manage Mailman ...

You've got PRIORITY mail!

Select Systems Manager Menu Option: **DEVICE Management**

Change Device's Terminal Type
Device Edit
Terminal Type Edit
Display Device Data
List Terminal Types
Clear Terminal
Loopback Test of Device Port
Send Test Pattern to Terminal
Out of Service Set/Clear
Clear all resources
Clear one Resource
Current Line/Port Address
DA Return Code Edit
Device Edit ...
Edit Line/Port Addresses
Line/Port Address report

You've got PRIORITY mail!

Select Device Management Option: **DEVICE Edit**

PQ Print Queue Edit
ALL Edit All Device Fields
HFS Host File Server Device Edit
RES Resource Device Edit
SPL Spool Device Edit
TRM TRM or VTRM Device Edit

You've got PRIORITY mail!

Select Device Edit Option: **RES** Resource Device Edit

Select Resource Device: **DSIO DDCS**

Are you adding 'DSIO DDCS' as a new DEVICE? No// **Y** (Yes)

DEVICE LOCATION OF TERMINAL: **DSIO**

DEVICE \$I: **DSIO DDCS**

DEVICE VOLUME SET(CPU):

DEVICE TYPE: RES RESOURCES

Edit a Resource Device

Device Name: DSIO DDCS

Location: DSIO

\$I: DSIO DDCS

Resource Slots: 1

Resource Name: DSIO DDCS

Available Slots: 1

Slots Used: 0

Exit Save Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

This is a ScreenMan form – when you enter it you need not change anything. Use the command "S" to save and then "E" to exit.

Description of Changes and Enhancements

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

S#	Date	Notes
1	06/02/2014	DSIO_1_S12_B1.KID
CORE: (*THIS COULD POSSIBLE AFFECT THE MCC DASHBOARD*)		
RPCs (MODIFIED):		
DSIO GET PREG DETAILS		
- DATE FORMAT CHANGE		
DSIO SAVE OBSERVATION		
- NOW AUTOMATICALLY SAVES THE CATEGORY IF IT DOESN'T EXIST WITHIN THE DSIO OBSERVATION CATEGORY FILE		
- LOOKUP AND TRANSFORM OF LOINC FOR VISTA		
DSIO SAVE PREG DETAILS		
- YOU CAN USE A "S" AS WELL AS "SPOUSE"		
- ASSOCIATE SPOUSE TO PATIENT IF NOT ALREADY DONE SO		
DSIO GET PERSON		
- RETURN STATE ABBREVIATION FIX		

- YOU CAN USE A "S" AS WELL AS "SPOUSE"
- RETURN A LIST OF PEOPLE ASSOICATED WITH A PATIENT BY NOT SETTING THE SITE PARAMETER
- THE RETURN OF THIS RPC IS NOW AN ARRAY

FILES:

- DSIO PREGNANCY HISTORY (MODIFIED)
- .06 (DELIVERY DATE) NAMED CHANGED TO PREGNANCY END
- DSIO NOTE PUSH HISTORY (NEW)
- DSIO REMINDER ELEMENTS (NEW)

OPTIONS:

DSIO UPDATE REMINDER ELEMENTS (NEW) – This is part of the set up process for discreet data for Reminder Dialogs.

TODO:

- TIU supported RPCs with DDCS functionality will be updated in the next release.
- DSIO3 routine will be split up and organized into other routines.

Components:

Type: SINGLE PACKAGE	National Package: NO
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File #	File Name	Update DD	Send Sec. Code	Data Comes w/ file	Site Date	RSLVPTRS	User Override
19641.13	DSIO PREGNANCY HISTORY	YES	YES	NO			
19641.4	DSIO NOTE CONTROL	YES	YES	NO			
19641.401	DSIO REPORT ITEMS	YES	YES	NO			
19641.402	DSIO REMINDER ELEMENTS	YES	YES	NO			
19641.409	DSIO NOTE PUSH HISTORY	YES	YES	NO			
19641.43	DSIO NOTE S	YES	YES	NO			
19641.44	DSIO NOTE M	YES	YES	NO			
19641.45	DSIO NOTE WP	YES	YES	NO			

ROUTINE:

DSIO0
DSIO1
DSIO2
DSIO3
DSIO3A
DSIO4

OPTION:

DSIO GUI CONTEXT
DSIO OCNT CONTEXT
DSIO SHOW DISCREET DATA
DSIO UPDATE REMINDER ELEMENTS

REMOTE PROCEDURE:

DSIO GET PERSON

DSIO OCNT STORE

NAME: DSIO OCNT CONTEXT

MENU TEXT: DSIO CNT GUI Context

TYPE: Broker (Client/Server)

CREATOR: FONTANA,THEO F

RPC: DSIO OCNT GET LOCATION

RPC: DSIO OCNT STORE

RPC: DSIO OCNT RESTORE

RPC: DSIO OCNT DIALOG POPULATE

RPC: DSIO OCNT DIALOG LOOKUP

UPPERCASE MENU TEXT: DSIO CNT GUI CONTEXT

NAME: DSIO GUI CONTEXT

MENU TEXT: MCC DASHBOARD RPCS

TYPE: Broker (Client/Server)

CREATOR: FONTANA,THEO F

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

RPC: DSIO IHE GET DOC

RPC: ORWU1 NEWLOC

RPC: DSIO VPR GET PATIENT DATA

RPC: DSIO SAVE PERSON

RPC: DSIO GET PERSON

RPC: DSIO SAVE PREG DETAILS

RPC: DSIO SAVE OBSERVATION

RPC: DSIO GET PREG DETAILS
RPC: DSIO PATIENT INFORMATION
RPC: DSIO GET OBSERVATIONS
UPPERCASE MENU TEXT: MCC DASHBOARD RPCS

Reminder Dialog DDCS

1. Update the DSIO REMINDER ELEMENTS file first.

VAH>D ^XUP

Setting up programmer environment
This is a PRODUCTION account.

Terminal Type set to: C-VT100

You have 23 new messages.

Select OPTION NAME: DSIO

- 1 DSIO GUI CONTEXT MCC DASHBOARD RPCS
- 2 DSIO OCNT CONTEXT DSIO OCNT GUI Context
- 3 DSIO SHOW DISCREET DATA DSIO Show Discreet Data for a Note
- 4 **DSIO UPDATE REMINDER ELEMENTS** Update the DSIO REMINDER ELEMENTS f

ile

CHOOSE 1-4: 4 DSIO UPDATE REMINDER ELEMENTS Update the DSIO REMINDER ELEMEN
TS file

Update the DSIO REMINDER ELEMENTS file

VAH>

2. Add your Reminder Dialog to the DSIO NOTE CONTROL file.

VAH>D Q^DI

VA FileMan 22.0

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

INPUT TO WHAT FILE: DSIO REMINDER ELEMENTS// **DSIO NOTE CONTROL**
(5 entries)

EDIT WHICH FIELD: ALL//

Select DSIO NOTE CONTROL NOTE OBJECT: **<Enter the name of your Reminder Dialog prefixed by "RE.">**

Searching for a TIU DOCUMENT TITLE, (pointed-to by NOTE OBJECT)

Searching for a REMINDER DIALOG, (pointed-to by NOTE OBJECT)

JP PROBLEM DRINKING SCREEN reminder dialog LOCAL

...OK? Yes// (Yes)

DO YOU WANT TO BUILD/REBUILD THE DDCS DIALOG? **YES**// - This will populate your reminder dialog with control elements, so if you change your reminder dialog you should rerun this command by selecting the entry here.

NOTE OBJECT: JP PROBLEM DRINKING SCREEN//

INACTIVE:

Select ELEMENT: JP PROBLEM DRINKING TEXT//

ELEMENT: JP PROBLEM DRINKING TEXT//

INACTIVE:

COMPONENTNAME:

Select ELEMENT: ?? – If you wish to view the top level control elements use double question mark.

Choose from:

JP PROBLEM DRINKING TEXT
TX ALCOHOLISM SCREENING CODES
VM BLOOD PRESSURE DONE
JP EDIT BOX
ED ALCOHOL ABUSE SCREENING DONE
ED ALCOHOL ABUSE SCREENING DONE ELSEWHERE
ED ALCOHOL ABUSE SCREENING REFUSED
JP REQUIRED FIELDS
JP RADIO BUTTONS
JP COMBO BOX
JP CHECK BOX
JP BUTTON

You may enter a new DATA, if you wish

Enter one of the following:

RI.EntryName to select a REPORT ITEM

RE.EntryName to select a REMINDER ELEMENT

To see the entries in any particular file type <Prefix.??>

If you simply enter a name then the system will search each of the above files for the name you have entered. If a match is found the system will ask you if it is the entry that you desire.

However, if you know the file the entry should be in, then you can speed processing by using the following syntax to select an entry:

<Prefix>.<entry name>

or

<Message>.<entry name>

or

<File Name>.<entry name>

Also, you do NOT need to enter the entire file name or message to direct the look up. Using the first few characters will suffice.

3. Set up the Reminder Elements to push data outside of DDCS.

Select OPTION: 1 ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: DSIO NOTE CONTROL// DSIO RE

1 DSIO REMINDER ELEMENTS (3236 entries) – this file is for Reminder Dialogs

2 DSIO REPORT ITEMS (1 entry) – this file is for oCNTs

CHOOSE 1-2: 1 DSIO REMINDER ELEMENTS (3236 entries)

EDIT WHICH FIELD: ALL//

Select DSIO REMINDER ELEMENTS: ED ALCOHOL ABUSE SCREENING DONE ELSEWHERE d
ialog element LOCAL – in this example I selected an element that I observed from the DSIO NOTE CONTROL file.

...OK? Yes// (Yes)

REMINDER ELEMENT: ED ALCOHOL ABUSE SCREENING DONE ELSEWHERE

//

INACTIVE: - set this to yes if you wish to deactivate this element for all Reminder Dialogs.
Set the following two fields if this element has a value and you wish to push the value out.

FILE:

FIELD:

Select COMPONENT: PXRM VISIT DATE// ??

Choose from:

PXRM COMMENT

PXRM VISIT DATE

You may enter a new COMPONENTS, if you wish

Choose from: - these are all the minor elements of the reminder dialog element. If you wish to collect any of their collected data and push it out you must select it here and configure it.

PXRM COMMENT prompt NATIONAL

PXRM OUTSIDE LOCATION prompt NATIONAL

PXRM VISIT DATE prompt NATIONAL

Select COMPONENT: PXRM VISIT DATE//

COMPONENT: PXRM VISIT DATE//

INACTIVE:

FILE: DSIO PATIENT//

FIELD: .03//

This example is demonstrating that I wish to push the value collected by PXRM VISIT DATE when it is associated with ED ALCOHOL ABUSE SCREENING DONE ELSEWHERE of the JP PROBLEM DRINKING SCREEN reminder dialog to the .03 field of the DSIO PATIENT file for the patient that this reminder dialog is being generated for. This only works for single level and one deep multiple level fields whose entries are patient DFN dinumed.

4. Before running the reminder dialog check the file entry.

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

INPUT TO WHAT FILE: DSIO REMINDER ELEMENTS// **DSIO PATIENT**

(17 entries)

EDIT WHICH FIELD: ALL// **.03** NEXT CONTACT DATE

THEN EDIT FIELD:

Select DSIO PATIENT: **`8 AYS,SHTS**

NEXT CONTACT DATE: DEC 12,2015// - this value should change after running the dialog. Now run the dialog.

Reminder Dialog Template: PROBLEM DRINKING

☐ Patient had alcohol abuse screening at this encounter.

☒ Patient received alcohol abuse screening previously at another facility.

Date: * October 31 2013 ...

Comment:

Location:

☐ Patient declined alcohol abuse screening at this encounter.

AYS,SHTS (INPATIENT)	3ES	Primary Care Team Unassigned	VistaWeb	Postings
101-01-3333 Mar 15,1921 (93)	Current Provider Not Selected	(Inpatient) Attending: Tmphysician,One - (Inpatient) Provider: Tmphysician,C	Remote Data	CA
		MH Treatment Coordinator Unassigned		

Last 122 Signed Notes (Total: 44)

- New Note in Progress
- Jun 02,14 ADVANCE DIRECTIVE, 3ES, Rois
- All unsigned notes for ROISTAFF,CHIEF O
- Jun 02,14 ADVANCE DIRECTIVE, 3ES, CHIEF
- May 30,14 ADVANCE DIRECTIVE, 3ES, CHIEF

ADVANCE DIRECTIVE
Adm: 07/18/95 3ES

Jun 02,2014@15:31 Roistaff,Chief O Change...

Patient received alcohol abuse screening previously at another facility.
Date: October 31, 2013

Broker Calls

Max Calls Retained: Last Call Minus: 5 RLT Prev Next

DSIO OCNT STORE

Params -----

literal 5894

list

(1)=S^TCPRSDialogDateCombo|500000256,1^Date: ^October 31, 2013^Date: October 31, 2013

(2)=S^TCPRSDialogFieldEdit|500000256,2^Comment: ^^

(3)=S^TCPRSDialogComboBox|500000256,3^Location: ^^

literal R500000260

Results 6574673 This is the TaskMan task number.

// TO VIEW THE TASK STATUS -----

VAH>D ^XUP

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- 2 EVENT CAPTURE ECX ECS MAINTENANCE Event Capture
- 3 EVENT CAPTURE (ECS) EXTRACT AU ECX ECS SOURCE AUDIT Event Capture (ECS) Extract Audit

4 EVENT CAPTURE DATA ENTRY ECENTER Event Capture Data Entry
5 EVENT CAPTURE EXTRACT ECXEC Event Capture Extract
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: **1** EVE Systems Manager Menu

Core Applications ...
Device Management ...
FM VA FileMan ...
Menu Management ...
Programmer Options ...
Operations Management ...
Spool Management ...
Information Security Officer Menu ...
Taskman Management ...
User Management ...
Application Utilities ...
Capacity Planning ...
HL7 Main Menu ...
Manage Mailman ...

You've got PRIORITY mail!

Select Systems Manager Menu Option: **TASKman** Management

Schedule/Unschedule Options
One-time Option Queue
Taskman Management Utilities ...
List Tasks
Dequeue Tasks
Requeue Tasks
Delete Tasks
Print Options that are Scheduled to run
Cleanup Task List
Print Options Recommended for Queueing

You've got PRIORITY mail!

Select Taskman Management Option: **LIST** Tasks

List Tasks Option

All of one user's tasks.
One user's future tasks.
Every task.
List of tasks.
Unsuccessful tasks.
Future tasks.
Tasks waiting for devices.
Waiting list for a device.
Running tasks.

Select Type Of Listing: **LIST** List of tasks.
Enter list to display: **6574673** – enter the task number from CPRS here.

All tasks within the list 6574673...

6574673: SETDATA^DSIO3, DSIO DISCREET DATA STORAGE. Device DSIO DDCS. VAH,ROU.
From Today at 15:31, By ROISTAFF,CHIEF O. **Completed Today at 15:31.**

There is 1 task in that list.

// VIEW THE DSIO DDCS PUSH LOG -----

VAH>**D Q^DI**

VA FileMan 22.0

Select OPTION: **INQUIRE TO FILE ENTRIES**

OUTPUT FROM WHAT FILE: DSIO PATIENT// **DSIO NOTE PUSH HISTORY**
(13 entries)

Select DSIO NOTE PUSH HISTORY DATE: **T** JUN 02, 2014
partial match to: JUN 02, 2014@15:31:55
...OK? Yes// (Yes)

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// (Yes)

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

DATE: JUN 02, 2014@15:31:55 **FILE: 19641**
FIELD: .03 **NOTE: ADVANCE DIRECTIVE**
USER: ROISTAFF,CHIEF O
OLD VALUE:
DEC 12, 2015
NEW VALUE:
October 31, 2013