

RESOURCE AND PATIENT MANAGEMENT SYSTEM

Referred Care Information System

(BMC)

Installation Guide and Release Notes

Version 4 Patch 15 November 2023

Office of Information Technology Division of Information Technology

Table of Contents

1.0	Contents of Distribution1								
2.0	Requir	ed Resources	. 2						
3.0	RPMS	RCIS	. 3						
	3.1 3.1.1 3.2 3.3	Installation Notes General Information Installation Instructions Example of installation	. 3 . 4						
4.0	Referre	ed-RCIS tabs (EHR)	. 9						
	4.1 4.1.1 4.2 4.2.1 4.2.2 4.3	Installation Notes Before You Begin Installation Instructions EHR-Referred Care Component – Existing Install EHR-Referred Care Component – First Time Install Installation Verification	. 9 . 9 . 9 13						
Conta	act Infor	mation	23						

1.0 Contents of Distribution

File	Description
IHSReferredCare.PatientReferral.vor	Object File for Referral tab (EHR)
IHSReferredCare.Referral.vor	Object File for RCIS tab (EHR)
IHSReferredCare.PatientReferral.dll	DLL file (EHR) Version: 3.0.2.3
IHSReferredCare.Referral.dll	DLL file (EHR) Version: 3.0.2.3
bmc_0400.15k	KIDS build for BMC Version 4.0 Patch 15 (RPMS)
bmc_0400.15i.pdf	Install Guide for RPMS-RCIS and Referred- RCIS tabs (EHR) components
bmc_0400.15o.pdf	Addendum to RCIS User Manual

2.0 Required Resources

- 1. REFERRED CARE INFO SYSTEM (BMC) v4.0 patch 13
- 2. VA FileMan (DI) v22 or higher
- 3. VA Kernel v8 or higher
- 4. IHS ICD/CPT Lookup & Grouper (AICD) v4.0
- 5. IHS Patient Registration (AG) v7.1 patch 15
- 6. IHS Dictionaries (Pointers) (AUPN) v99.1 patch 29
- 7. Taxonomy Package V 5.1 patch 5
- 8. IHS Dictionaries (Pointers) (AUT) v98.1 patch 31
- 9. Lexicon (LEX) v2.0 patch 1003
- 10. Order entry (OR) v3.0 Patch 190
- 11. IHS Standard Terminology (BSTS) v1.0
- 12. If using PCC:

IHS PCC SUITE (BJPC) v2.0 patch 10

13. If using EHR:

EHR (BGO) v1.1 patch 13

3.0 RPMS RCIS

3.1 Installation Notes

Prefix:BMCCurrent Version:Version 4.0 Patch 15

3.1.1 General Information

- 1. Make a copy of this distribution for off-line storage.
- 2. Print all notes/readme files.
- 3. Create a successful backup of the RPMS database.
- 4. It is recommended that the terminal output during the Installation be captured using an auxport printer attached to the Terminal where the installation is being performed OR that it be captured using a host file. This will ensure a printed audit trail if any problems should arise.
- 5. Ensure no processes other than the installer are utilizing the BMC files during the install process.
- 6. This patch contains changes to support the Social Security Number Fraud Prevention Act of 2017 and the Social Security Number Reduction Act.
- 7. This application uses the AUPN DISPLAY PPN parameter functionality and is defaulted to OFF until Patient Preferred Name (PPN) is available across the enterprise.

Note: While this parameter is turned off, the Patient Preferred Name will not display in this application. This allows the Patient Preferred Name display to be turned on at once without requiring a coordinated release of all applications. Once all applications support the display of the PPN, instructions will be sent out on how to enable this parameter system-wide.

Note: This release is cumulative from Patch 13, Version 4.0 patch 13 is required.

- 8. Description of Changes:
 - a. 82837 Added CHS PO Type to Search/Sort/Print screens to the General Retrieval Report

- b. 73949 Added cell phone number to referral letters
- c. 75608 Added the site specific text to Secondary referral letters
- d. 76176 Auto update new FY and auto assign previous FY referral numbers
- e. 77891 Implement PPN on screen banners
- f. 82840 Close Inpatient Referrals when denied in CHS. A new parameter was added to control this feature
- g. 86488 Include Referral updates with as a new index for date last modified for CCDA (BMC side)
- h. 85111 SSN Removal from reports
 - General Ret Selection criteria
 - Referral at an Outside Facility (Call In's)
 - Referral Review Report by Time Period
 - Referral Review Report by Facility/Time Period
 - Secondary Referral Report
 - Print Case Review Comments (By Date/Facility)
- i. 75139 Updated API for CCDA to include TX date and time
- j. 73357 GUI-Change Vendor/Provider field to read-only instead of text boxes
- k. 73362 GUI-Add Case notes
- 1. 73364 GUI-Add provisional DX
- m. 75814 GUI-Control characters causing error in RCIS GUI
- n. 75976 GUI-Referral Status display
- o. 76156 GUI-Displaying incorrect eligibility status
- p. 77890 GUI-PPN Application banner in GUI
- 9. Typical time for the installation is 5 minutes.

3.2 Installation Instructions

- 1. This is a KIDS Install. Use the Installation options on the KIDS menu.
- 2. Load the Distribution into KIDS using option 1 on the KIDS Installation menu. The distribution was released in a file named bmc_0400.15k.
- 3. Verify the load using option 2 on the KIDS Installation menu.
- 4. Consider using options 3 and 4 on the KIDS Installation menu to print and compare the Transport.

- 5. Install the distribution using option 6 on the Installation menu.
- 6. For results, read the generated MailMan message, or use the KIDS "Install File Print" option to view/print the "BMC*4.0*15" entry.
- 7. The post-install routine, BMC4P15, will deliver a patch installation mail message to local users that hold the BMCZMENU, XUMGR, XUPROG, or XUPROGMODE security key.

3.3 Example of installation

```
KIDS 8.0
Select KIDS OPTION: ?
   Answer with KIDS OPTION NUMBER, or NAME
   Choose from:
               LOAD A DISTRIBUTION
   1
   2
               VERIFY CHECKSUMS IN TRANSPORT GLOBAL
   3
               PRINT TRANSPORT GLOBAL
               COMPARE TRANSPORT GLOBAL TO CURRENT SYSTEM
   4
   5
               BACKUP A TRANSPORT GLOBAL
   6
               INSTALL PACKAGE(S)
   7
               RESTART INSTALL OF PACKAGE(S)
   8
               UNLOAD A DISTRIBUTION
Select KIDS OPTION: LOAD A DISTRIBUTION
Enter a Host File: C:\pub\bmc\patch 15\BUILD\ibuild\bmc 0400.15k
KIDS Distribution saved on May 17, 2023@09:51:33
Comment: RCIS V4 Patch 15
This Distribution contains Transport Globals for the following Package(s):
     BMC*4.0*15
OK to continue with Load? NO// YES
Distribution OK!
Want to Continue with Load? YES//
Loading Distribution...
Build BMC*4.0*15 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES// NO
  BMC*4.0*15
Use INSTALL NAME: BMC*4.0*15 to install this Distribution.
KIDS 8.0
Select KIDS OPTION: inSTALL PACKAGE(S)
Select INSTALL NAME: BMC*4.0*15 Loaded from Distribution 5/19/23012:25
:26
     => RCIS V4 Patch 15 ;Created on May 17, 2023@09:51:33
This Distribution was loaded on May 19, 2023@12:25:26 with header of
   RCIS V4 Patch 15 ;Created on May 17, 2023@09:51:33
   It consisted of the following Install(s):
```

Installation Guide and Release Notes November 2023

BMC*4.0*15 Checking Install for Package BMC*4.0*15 Will first run the Environment Check Routine, BMC4E Hello, DEMO USER Checking Environment for REFERRED CARE INFO SYSTEM V 4.0. Need at least BMC*4.0*13.....BMC*4.0*13 Present Need at least DI v 22.0....DI v 22.0 Present Need at least XU v 8.0....XU v 8.0 Present Need at least AICD v 4.0....AICD v 4.0 Present Need at least AG*7.1*15.....AG*7.1*15 Present Need at least AUPN*99.1*29....AUPN*99.1*29 Present Need at least ATX*5.1*5....ATX*5.1*5 Present Need at least AUT*98.1*31....AUT*98.1*31 Present Need at least LEX*2.0*1003....LEX*2.0*1003 Present Need at least OR*3.0*190....OR*3.0*190 Present Need at least BSTS v 1.0....BSTS v 2.0 Present Is the Facility using PCC? YES Need at least BJPC*2.0*10....BJPC*2.0*10 Present Is the Facility using EHR? YES Need at least BGO*1.1*13....BGO*1.1*13 Present ENVIRONMENT OK. In this distribution: Changes include 1. General Retrieval Report a. Added CHS PO Type to Search/Sort/Print screens 2. Added cell phone number to referral letters 3. Added site specific text to Secondary Referral letters 4. Auto update new FY and auto assign previous FY Referral numbers 5. Implement PNN on screen banners 6. Close Inpatient Referrals when denied in CHS 7. Added index on field: Date Last Modified 8. SSN Removal from reports a. General Ret Selection criteria b. Referral at an Outside Facility (Call In's) c. Referral Review Report by Time Period d. Referral Review Report by Facility/Time Period e. Secondary Referral Report d. Print Case Review Comments (By Date/Facility) 9. Updated API for CCDA to include TX date and time Enter RETURN to continue or '^' to exit: A standard message will be produced by this update. If you run interactively, results will be displayed on your screen, as well as in the mail message and the entry in the INSTALL file. If you queue to TaskMan, please read the mail message for results of this update, and remember not to Q to the HOME device.

Installation Guide and Release Notes November 2023

RPMS RCIS

Enter RETURN to continue or '^' to exit: Install Questions for BMC*4.0*15 Incoming Files: 90001 RCIS REFERRAL Note: You already have the 'RCIS REFERRAL' File. 90001.03 RCIS COMMENTS Note: You already have the 'RCIS COMMENTS' File. 90001.31 RCIS SITE PARAMETER Note: You already have the 'RCIS SITE PARAMETER' File. 90001.81 RCIS REPORT LISTER ITEMS Note: You already have the 'RCIS REPORT LISTER ITEMS' File. Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// Want KIDS to INHIBIT LOGONs during the install? NO// Install Started for BMC*4.0*15 : May 19, 2023@12:25:50 Build Distribution Date: May 17, 2023 Installing Routines: 25 50 75 May 19, 2023@12:25:50 Running Pre-Install Routine: PRE^BMC4P15 25 50 Saving current DD AUDIT settings for files in BMC 4.0 Patch 15 and turning DD AUDIT to 'Y'. 90001 - RCIS REFERRAL - DD audit was 'N' File Set to 'Y' File 90001.03 - RCIS COMMENTS - DD audit was 'N' Set to 'Y' File 90001.31 - RCIS SITE PARAMETER - DD audit was 'N' Set to 'Y' File 90001.81 - RCIS REPORT LISTER ITEMS - DD audit was '' Set to 'Y' DD AUDIT settings saved in ^XTMP(. Installing Data Dictionaries: 25 50 75 May 19, 2023@12:25:50 Installing PACKAGE COMPONENTS: Installing FORM 25 50 75 May 19, 2023@12:25:50 Installing OPTION 25 75 50 May 19, 2023@12:25:50 Running Post-Install Routine: POST^BMC4P15 25 50 Restoring DD AUDIT settings for files in BMC 4.0 Patch 15. File 90001 - RCIS REFERRAL - DD AUDIT Set to 'N'

Installation Guide and Release Notes November 2023

RPMS RCIS

File90001.03 - RCIS COMMENTS- DD AUDIT Set to 'N'File90001.31 - RCIS SITE PARAMETER- DD AUDIT Set to 'N'File90001.81 - RCIS REPORT LISTER ITEMS- DD AUDIT Set to ''DD AUDIT settings restored.255075 File 90001.03 - RCIS COMMENTS - DD AUDIT Set to 'N' DD AUDIT settings restored. CHS PO Type item added to General Retrieval items . . . Reindexing DATE LAST MODIFIED..... Begin updating Business Office Menu Option change to Referral Notes Option. END updating option. BEGIN Delivering MailMan message to select users. END Delivering MailMan message to select users. Updating Routine file ... Updating KIDS files... BMC*4.0*15 Installed. May 19, 2023@12:26:46 NO Install Message sent Install Completed

Figure 3-1: Example Installation

4.0 Referred-RCIS tabs (EHR)

4.1 Installation Notes

Prefix:BMCCurrent Version:4.0 Patch 15

4.1.1 Before You Begin

All EHR and Resource and Patient Management System (RPMS) users should be logged off the system during the installation process.

Installation will require administrator access to the VueCentric System Management Utility (VcManager).

Note: If you have already installed the RCIS components in EHR at your site and are now installing a patch or updated version, refer to Section 4.2.1 in this manual for instructions. If you are installing the RCIS component in EHR for the first time at your site, refer to Section 4.2.2 of this manual for full installation instructions.

4.2 Installation Instructions

4.2.1 EHR-Referred Care Component – Existing Install

The EHR installation procedure includes these two stages:

- 1. Adding two dll files to the lib folder on the EHR network share:
 - a. IHSReferredCare.PatientReferral.dll
 - b. IHSReferredCare.Referral.dll
- 2. Importing two .vor files to VueCentric Object Registry:
 - a. IHSReferredCare.PatientReferral.vor
 - b. IHSReferredCare.Referral.vor

Note: For Citrix and Terminal Server setups, ensure that the shared files on the server are updated. Desktop setups will need the local files updated on each workstation.

4.2.1.1 Stage 1–DLL Files

Copy the two .dll files into the EHR lib folder on the main EHR network share:

- IHSReferredCare.PatientReferral.dll
- IHSReferredCare.Referral.dll

Note:	Verify that the .dll files are placed in the same folder as
	defined in the VueCentric Site Parameters for the Default
	object source path.

4.2.1.2 Stage 2–VOR Files

1. Open VcManager.exe located in EHR\bin or EHR\utl folder.

2 VueCent	tric System Management [10.24.198.203 - F8Q2T] - 🗖 🗙
Eile Help About Object Registry Template Registry Objects (159): > BEHALERTS.ALERTS > BEHALERGIES.ALLERGIES BEHANTICOAG.BEHANTICOAG > BEHC32SERVICE.BEHC32TCPSERVICE BEHC32SERVICE.BEHC32TCPSERVICE BEHC022.BEHC32BUTTON BEHC0023.BEHC32BUTTON BEHCC023.BEHCMRBUTTON BEHCHARTREVIEW.CHARTREVIEW BEHCHARTREVIEW.CHARTREVIEW BEHCHARTREVIEW.HARTREVIEW BEHCHR.CIRCTRL BEHCOMMUNITYINFO.COMMUNITYINF	
BEHCONSULTORDERS.CONSULTORDE BEHCONSULTS.CONSULTS BEHCONTEXTADAPTER.CONTEXTADA BEHCPRSCOMWRAPPER.CPRSCOMWF BEHCRISES.CRISES REHCWAD CWAD Restrict List To: Use VueCentric Registry Local Registry	<<<<< Select an object in the left pane

Figure 4-1: VcManager Screen

- 2. Select the **Object Registry** tab.
- 3. For each of the following, select the object name and click on the **Delete** button in the right-pane. This is to remove the objects from the previous install.

a. IHSReferredCare.PatientReferral

b. IHSReferredCare.Referral

- 4. Click on the **Refresh All** button to confirm that the 2 objects have been removed.
- 5. Go to File | Import.
- 6. Select the new **IHSReferredCare.PatientReferral.vor** file and click open to import. Then click on the **Apply** button to confirm the changes.

le Help pout Objec	📓 Import Objec	t Registration			×	
bjects (171): SBGOPROBL	Look in:	Build 3.0.2.3	~ (3 🏚 📂 🖽 -		
SBGOPROCE	3L	Name	Status	Date modified	Type	ру
SBGOREPHI	7	IHSReferredCare.PatientReferral.vor	\odot	8/31/2023 6:16 PM	VOR File	aister
SBGOSKINTI SBGOSUPER SBGOTRIAG SBGOVCPT.E SBGOVCPT.E SBGOVCPV.I SCMDAO.SE SREFERRED DIANHEALTH DIANHEALTH DIANHEALTH DIANHEALTH SREFERRED DIANHEALTH DIANHEALTH SREFERRED SREFERRED DIANHEALTH SREFERRED SREFERRED DIANHEALTH SREFERRED SRE	Quick access Desktop Libraries This PC	HSReferredCare.Referral.vor	\odot	8/31/2023 6:16 PM	VOR File	
⊡ Local R	1	<		_	>	
	Network				í	
		File name:		~	<u>O</u> pen	
		Files of type: Object Registration File	(*.vor)	~	Cancel	

Figure 4-2: Select Import Object screen

- 7. To verify that no Checksum errors occur, click on the **Retrieve** button.
- 8. The Select Target Folder will display if the import steps were completed successfully. You can then click the **Cancel** button to close the window.

Select Target Folder
Desktop Libraries Administrator Computer Network
OK Cancel

Figure 4-3: Select Target Folder screen

9. Repeat steps 5-8 with the IHSReferredCare.Referral file.

4.2.1.3 Fixing Checksum Error

If you see a 'File checksum invalid' error message in a pop-up alert after performing the steps in the previous section, then follow the steps below to correct the error.

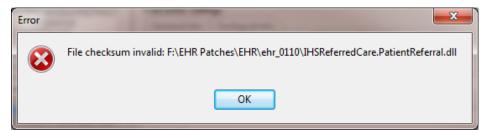


Figure 4-4: File Checksum Invalid error message

- 1. Close and restart the VcManager.
- 2. Select the **Object Registry** tab.

🐼 VueCentric System Management [10	.76.0.15 - BPRMA]	_		×
File Help				
About Object Registry Template Registry	y Site Parameters Shutdown Monitor			
Objects (171):	Site Parameters Shuddown Monitor Programmatic ID: IHSREFERREDCARE.PATIENTREFERBAL.PATIENTREFERBALVIEW Version: Source: 3.0.2.3 IHSReferredCare.PatientReferral.dll VueCentric Settings General Info General Settings Special Settings Categories Serializable Propertie Source: IHSReferredCare.PatientReferral.dll Name: PatientReferral Class ID: (686D0599-841E-43EB-98F8-52851D842244) Checksum: 2C33AE 4E 0B 3A42635982C8D 8E DD C6E 6E Version: Height: Width:		Copy Unregister	
Refresh All	Refresh Apply Delete Retrieve Print			

Figure 4-5: Object Loaded view in VCManager

- 3. Go to File | Import.
- 4. Select the IHSReferredCare.PatientReferral.vor file and click open to import.
- 5. Click on the **Copy** button once. Verify that the Checksum value updates when you click the **Copy** button. If the Checksum field becomes empty, repeat the steps in this section.
- 6. Click **Apply** to save the information.
- 7. Repeat the steps 3-6 for the IHSReferredCare.Referral.vor file.
- 8. Close the VcManager application when complete.

4.2.2 EHR-Referred Care Component – First Time Install

The EHR installation procedure includes these three stages:

- 1. Adding two dll files to the lib folder on the EHR network share:
 - a. IHSReferredCare.PatientReferral.dll
 - b. IHSReferredCare.Referral.dll
- 2. Importing two .vor files to VueCentric Object Registry:

- a. IHSReferredCare.PatientReferral.vor
- b. IHSReferredCare.Referral.vor
- 3. Modifying Provider template to add two referral components.

Note: For Citrix and Terminal Server setups, ensure that the shared files on the server are updated. Desktop setups will need the local files updated on each workstation.

4.2.2.1 Stage 1–DLL Files

Copy the two .dll files into the EHR lib folder on the main EHR network share:

- IHSReferredCare.PatientReferral.dll
- IHSReferredCare. Referral.dll

Note: Verify that the .dll files are placed in the same folder as defined in the VueCentric Site Parameters for the Default object source path.

4.2.2.2 Stage 2–VOR Files

1. Open VcManager.exe located in EHR\bin or EHR\utl folder.

😒 VueCen	tric System Management [10.24.198.203 - F8Q2T]	_ 0	x
Eile Help About Object Registry Template Regist	ry Site Parameters Shutdown Monitor		
Objects (159): < > BEHALERTS.ALERTS BEHALLERGIES ALLERGIES BEHANTICOAG, BEHANTICOAG BEHARTENTRY ARTENTRY BEHC325ERVICE.BEHC32CPSERVICE BEHC0CC32_BEHC32BUTTON BEHC0CC32_BEHC32BUTTON BEHC0CC32_BEHC32BUTTON BEHCCNSUCTRL BEHC0MMUNITYINFO.COMMUNITYINF BEHCONSULTORDERS CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCONSULTS.CONSULTORDE BEHCRISES.CRISES REHCRISES.CRISES Refresh All	<<<<< Select an object in the left pane		

Figure 4-6: VcManager Screen

- 2. Select the **Object Registry** tab.
- 3. Go to File | Import.
- 4. Select IHSReferredCare.PatientReferral.vor and click open to import.

	: System Managen	nent [10.76.0.15 -	BPRMA]			- [X
File Help About Objec	ያ Import Objec	t Registration				×	
Objects (171): IHSBGOPROBL	Look in:	Build 3.0.2.3		~ G	🗊 📂 🖽 -		
IHSBGOPROCE IHSBGOREPFA IHSBGOSUPEF IHSBGOSUPEF IHSBGOVPOV,I IHSBGOVPOV,I IHSCMDAO.SE IHSBEOVPOV,I IHSCMDAO.SE IHSBEFERBED INDIANHEALTH INDIANHEALTH INDIANHEALTH ISI_FETCH_SE PAVNI IMFERIC P Restrict List To: P- VueCen B- Local R	Quick access Desktop Libraries This PC		^ Care.PatientReferral.vor Care.Referral.vor	Status ©	Date modified 8/31/2023 6:16 PM 8/31/2023 6:16 PM	Type VOR File VOR File	gister
	Network	File name:	IHSReferredCare.Referre		~	> Open	
	Refresh All	Files of type:	Object Registration File (efresh Apply		Retrieve Print	Cancel	

Figure 4-7: Select Import Object screen

5. Click **Apply** to save the information.

💱 VueCentric System Management [10	.76.0.15 - BPRMA] —	×
File Help		
About Object Registry Template Registry	y Site Parameters Shutdown Monitor	
Objects (171):	COM Registration Programmatic ID:	
IHSBGOPROBLEM.BGOPROBLEM	IHSREFERREDCARE.REFERRALVIEW Copy	
IHSBGOREPFACTORS.IHSBGOREPFAC	Version: Source:	
IHSBGOREPHISTORY.IHSBGOREPHIST	3.0.2.3 IHSReferredCare.Referral.dll Unregiste	.r
IHSBGOSUPERBILL.BGOSUPERBILL		
IHSBGOTRIAGE.BGOTRIAGE	VueCentric Settings	
IHSBGOVCPT.BGOVCPT	General Info Technical Info Property Initializations Dependencies Required Files Security Aliases	
IHSBGOVPOV.BGOVPOV	General Settings Special Settings Categories Serializable Properties	
IHSCMDAO.SERVER	Source:	—)
IHSREFERREDCARE.REFERRALVIEW	IHSReferredCare Referral dll	
INDIANHEALTHSERVICE.BEH.IBH.SUIC		
INDIANHEALTHSERVICE.BEH.POCLAB.	Name:	
	ReferralView	
Restrict List To:	Class ID:	
🕀 🔽 VueCentric Registry	{3CE975F7-E359-4717-BAA4-4A610401C579}	
i≟. □ Local Registry	Checksum:	
	F608CD09B45F3A6C9A04C5B96AA5C683	
	Version: Height: Width:	
	3.0.2.3	
L		
Refresh All	Refresh Apply Delete Retrieve Print	

Figure 4-8: Object Loaded view in VcManager

- 6. Repeat the Import (Steps 3–5) for the IHSReferredCare.Referral.vor file.
- 7. Close the VcManager application when complete.

4.2.2.3 Stage 3–Provider Template

- 1. Open the EHR application and log in.
- 2. Right-click the header to display a context menu.
- 3. Select **Design Mode** option.

Hik stient Tools Help ent Chart		UCSON DEVELOPMENT	SYSTEM		Restore- Hove Soe		bicronsider 1	AND ADS					-1013	
not selected				-	Minimize Maximize			Primary Care Team Unassigned	1 P	Ne	*	14	51	
Sieres for AE Patie	Page -	Patient DEMO WESLEY T DEMO PATIENT S DEMO PATIENT R DEMO PATIENT R	Location		Oose Design Mode Show Trace Lo Rolenal New	AR+F4 OH+AR+D 9 DEMO PATIEN DEMO PATIEN		Dehmed 094m-2011 15 094m-2011 95 1004-2011 95 104m-2011 16	03 (15 (HSTI_				

Figure 4-9: Design Mode option

- 4. Select the Layout Manager from the Design menu.
- 5. Highlight Tabbed Notebook and click Properties.

IHS EHR TUCSON	I DEVELOPMENT SYSTEM		>
User Design Patient Tools Help			
	tion RPMS CIHA Intranet Micromedex E-Mail RCIS		
Patie Layout Manager Options	Visit not selected Primary Care Team Unassigned No Postings	2	1 2
Notif Desktop Properties Required Services			
Clear Desktop Delete Terrglate Save as Template Save Personal Settings Restore Defaults Restore from Template		~ Process	
Legend Phionly Comparison Medium High Migh		 ♣ ♣ Si ₽ F F 	All elected fo Only orward Delete

Figure 4-10: Design menu: Layout Manager

6. Select the **Tab Editor** and add a new tab named **RCIS**. Click **OK**.

S HS-EHR						- C 🛛
User Design Patient						
Uner Design Falsert	Todis Help Communication	RPNS CHAIn	Properties for	Tabe Tabe Commania Comm	cation anet	
	DEMD OKLAHOMA, IHS GOV	DEMO INDIAN HOSPITAL		eletion, and modification of tabs. OK. Cancel 144Mar-2011 11:28	Acoly	

Figure 4-11: EHR Designer Mode - Create new RCIS tab

- 7. To add an object to the new RCIS tab, click Add (+) and expand the Type | Object list.
- 8. Select the **ReferralView** object from the list and click **Add**.

S INSTER: TUCSON DEVELOPMENT SYSTEM				. • 🛛
User Design Falsent Taste Hep	and the second second			
Pollert Chat Communication #PMS CH4 Mos	Ner Mikesneder	E#4 80	5	
	Crown Manager	Add. Diades Properties	X 8	
DEMO DRIJAROMAJIHS 60V DEMO INDXAN HOSPITAL	Design Monte 14Mar	2011 11:31		

Figure 4-12: EHR Designer Mode - Add ReferralView object to RCIS tab

9. Open the properties for **ReferralView** and select **Align–All** to expand the component inside the **RCIS** tab.

S IS DR	TUCSON DEVELOPMENT SYSTEM				. 🗆 🔀
Liver Centry' Patient Tools Hal					
	vication RPMS DH4	Noneter Niconeder	E-Mal ADS		
Patient not selected		Visit not selected SHARQ (MPAN		Primas Care Team Unassigned	Patros 🐮 🗓 😒
AddMrs Refemal Ad					
Referral Date From	S Layout Manager		×		
Releval Date	CA Case Parts Add	X B S			
	Desklop TabledNotebook	Properties for PatientRefer	ral		
	⊟ Palent Chat Tab	Property	Value		
	 Splitter Pare Tabbed Nizebook 	TOP	0		
	E Notifications Tab	LEFT	0		
	E Cover Sheet Tab	HEIGHT	121		
	 Triage Tab Wellness Tab 	WIDTH	121		
	iii Notes Tab	ALIEN	Note		
	E Orden Tab	ANCHORS	- 4		
	(# Labs Tab	Partonono	Botow		
	a: Pids/₩0V/Tab a: Services Tab	-	Let		
	B Reports Tab		Fight Tre		
	is: DVC Suren Tab is: Consults Tab	ALIEN	0.00		
	IE Plivacy Tab	Alignment of object relative to its pa	ser.		
	# WDR Tab # ASQ Tab	A CONTRACTOR OF A CONTRACT			
	in Suibide Tab	CK.	Cancel Accel		
	E Referals Tab PalleritRelenal				
	E Communication Tab		-		
	111				
		fication: Late Petr/POV 5		milt Privice WDM 450 Succes	Rehende
	- A - A - A - A - A - A - A - A - A - A	dication: Labs Prot/POV S	evices Reports D/CSunes Co	nult Privice WDM ASQ Suicide	- newsar
DEMO BKLA	AHDMAJIKS GOV DEMO INDIAN HOSPITAL	Dezign Hode			
and an oral second					

Figure 4-13: EHR Designer Mode - Align Setting in Object Properties

- 10. Select the Layout Manager from the Design menu again to add another new tab under the Patient Chart tab.
- 11. Open the properties for the Tabbed Notebook located under Patient Chart.

🌏 Layo	ut Mana	ger					_	
₩ Cut	Г <mark>р</mark> Сору	n B Paste		+ Add	× Delete	Properties	2 About	
	:ktop							
Ē.	Tabbed I	Notebook						
	🖃 Patie	ent Chart 1	Tab					
		Tabbed N	loteb	ook				
		🕂 – Notif	icatio	ons Tab				
		🗄 Cove	er Sh	eet Tab				
		🗄 Triag	je Ta	ь				
		€Well	ness	Tab				
		🗄 Note	s Ta	Ь				
1		🗄 Orde	ars Ta	ъ				
1		Med	icatio	ns Tab				
		Labs	Tab	I				
		• Prob	/PO\	/Tab				
		L. Carv	iner	Таб				_

Figure 4-14: EHR Designer Mode - Layout Manager Close-up

12. Use the Tab Editor to add a new tab named Referrals and click OK.

CIER TUCSON DEVELOPMENT SYSTEM				
User Design Patient Tools Help		and the second of		
Patient Chart Communication RPMS CHU	Intranet Micromedex	E-Mal RCIS	1	100 100 100 100 100
Patient not selected	Visit not selected SHAFIQJMRAN		Primary Care Team Unaccigned	Postragi 🛣 🚉 😏
	Properties for Tabbed Notes Proceeds TOP LEFT HEIGHT WIDTH ALIGN ANCORS FOR DWD TH MULTILINE REVERSE TABS TABPOSITION TABSTYLE Tab Editor			
Notifications CoverSheet Trage Webness Notes Order Mi	Tab Editor Allow castion, deletion, and modic DK dcatore Late Prob.PDV Ser	Cancel Apply	 Preso: WCM A52 Succ 	6
DEMO ORLAHOMA, IHS, GOV DEMO INDIAN HOSPITAL	Design Hode 14-Mar-2011 11:	33		

Figure 4-15: EHR Designer Mode - Add tab to Patient Chart

Referred-RCIS tabs (EHR)

13. Add an Object to the new **Referrals** tab and select the **PatientReferral** object (see Steps 7–8).

IHS-EHR TUCSON DEVELOPMENT SYSTI							
Liser Design Patient Tools Help		10 C					
Patient Chart Communication RPMS	EIHA Intranet Microm	edex E-Mai RC					
Patient not selected	Visit not selected SHAFIQ,IMRAN		Phimary Care Te	am Unaccigned	No Postingi	2	B 21
Carpeid Manager Carpeid Manager Carpeid Control Carpeid Carpe	Add_Delete Properties	Add an Object Oract Oract	Ligend Ligend Diget Stock Object Temples User Configuration X Disabled Ligendary Cancel				<u>u</u> <u></u>

Figure 4-16: EHR Design Mode - Add PatientReferral object to Referrals tab

- 14. Select Align–All in the PatientReferral properties to expand the component inside the Referrals tab (See Figure 4-13).
- 15. Save the design to the Provider template. The Provider template is generally titled **%Provider**.

					_						E-Mal			1	_		_	1	and so the second
atient not selected							Visit no SHAFIQ.	t sele MPUN	cted					Primary Care Team	Unassig	ned	No Pastinge	* 12	1
idd Mini Referral Ad	SRefemal E	dit Referra	Add Seco	ridary R	eferral	Pres C32	or Referm	si i		•									
Referral Diate From	Sunday .	March	14, 2010	M	To	Monday .	March	14.1	Save As Templ Template:		Application	Ultra	×						
Iefenal Date	Purpose				Refer	ing Provide			Instruction	M	Approation L	User	~ 0	Appointment Dat	e/Time	C32 Printed By	C32 Print	Date	
											19-11-1								
									S	eve	Cance								

Figure 4-17: EHR Designer Mode - Save As screen for Provider template

4.3 Installation Verification

- 1. Log in to EHR as a Provider.
- 2. The **RCIS** tab should show referrals authored by the currently logged-in provider (see below).

PRIVACY		elp eSig Clear Clear and Lock TIENT CHART RES	SOURCES	RCIS		CT WebMail			
Edit Referral Clinic	al Consultation Prin	nt Referral							
Referral Date From	Sunday , October	23, 2016 🗊 🛪 To Monday , 1	October 23, 2017 🗐 🖛	Status Active/Approve -	Provider	-	Show All		
Patient Name	Referral Date	Purpose	Referring Provider	Referral Number	Status	Facility Referred To	Appointment Date/Time	Clinical Consulta	Printed By
	OCT 06, 2017	CARDIAC EVAL		2021011600047	ACTIVE				
	OCT 06, 2017	[A		2021011600048	ACTIVE		OCT 08, 2017		
	OCT 09, 2017	Bum		2021011600063	ACTIVE				

Figure 4-18: RCIS tab window

- 3. Go to the **Patient Chart** tab.
- 4. Select a patient.
- 5. The **Referrals** tab under Patient Chart should display the referrals for the patient as shown below.

Consults	Referrals								
dd Template	Referral Add Referral Edit Referral	Add Secondary Referral Cl	inical Consultation Pri	int Referral					
Referral Date F	From Sunday , October 23, 2016	□ ▼ To Monday . C	ctober 23, 2017	Status Active	e/Approve 👻				
leferral Date	Purpose	Referring Provider	Referral Number	Status	Facility Referred To	Appointment Date/Time	Clinical Consulta	Printed By	Print Date

Figure 4-19: Referrals tab under Patient Chart

Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

Phone: (888) 830-7280 (toll free)

- Web: <u>https://www.ihs.gov/itsupport/</u>
- Email: itsupport@ihs.gov