

RESOURCE AND PATIENT MANAGEMENT SYSTEM

IHS Emergency Department Dashboard

(BEDD)

Installation Guide and Release Notes

Version 2.0 Patch 7 July 2023

Office of Information Technology Division of Information Technology

Table of Contents

1.0	Releas	e Notes	. 1
2.0	Installa	tion Notes	. 2
	2.1 2.2 2.2.1 2.2.2 2.3	Contents of Distribution Required Resources General Information System Requirements Before You Begin: Installation Issues	. 2 . 2 . 2 . 3 . 3
3.0	Installa	tion Instructions	. 4
	3.1 3.2 3.3 3.3.1	Disk Space Pre-installation Post-installation Instructions Configuring BEDD to Run in Microsoft Edge	. 4 . 4 . 4 . 4
4.0	Sample	e Installations	. 5
	4.1 4.2 4.2.1 4.2.2 4.2.3 4.3 4.3 4.4	Installing the Microsoft WebView2 Runtime Library BEDD XML/Ensemble Installation Move XML Compressed File to Accessible Folder and Unzip Open Ensemble Studio Importing the bedd0200.07.xml file BEDD KIDS Installation Sample Cache Installation	. 5 . 7 . 8 . 9 11 13
5.0	Installa	tion Configuration	24
	5.1 5.2 5.2.1 5.2.2 5.2.3	Stand Alone Setup EHR Setup Retrieving Existing Internet EDD Setup HOMEPAGE EDD EHR Tab Method Using Edge Component EDD New EHR Menu Method	24 28 28 32 37
6.0	Applica	ation Access and Functionality Setup	42
	6.1 6.2 6.3 6.4 6.5 6.6	Warnings	42 43 44 44 44
Acron	iym List	· · · · · · · · · · · · · · · · · · ·	46
Conta	ct Infor	mation	47

Preface

The purpose of this manual is to provide the user with the information required to install v2.0 Patch 7 (BEDD v2.0p7) of the IHS Emergency Department Dashboard (EDD).

1.0 Release Notes

The EDD is a tool that electronically enables facilities to run and manage their emergency and or urgent care clinics. The EDD is dependent on the Resource and Patient Management System (RPMS) Emergency Room System (AMER) in the AMER namespace. EDD was built on the AMER foundation to enhance patient flow and provider communication.

EDD can run as a standalone icon on the staff computer or can be accessed from within the RPMS Electronic Health Record (EHR) application.

EDD gets its data and updates from one of four ways: AMER, Dashboard Edit, or EHR data or a combination of all three.

2.0 Installation Notes

Prefix: BEDD

Current Version: 2.0 p7

2.1 Contents of Distribution

The BEDD v2.0p7 distribution has the following items documented in Table 2-1: Contents of Distribution.

Table 2-1: Distribution contents

File	Description
bedd0200.07xml.zip (containing bedd0200.07.xml)	Ensemble XML import file
bedd0200.07k	KIDS file
bedd0200.07i.pdf	Installation Guide and Release Notes (this document)
bedd0200.07n	Patch notes
bedd0200.07u.pdf	User Guide
bedd0200.07t.pdf	Technical Manual

2.2 Required Resources

2.2.1 General Information

Table 2-2 shows the prerequisite patch requirements to install BEDD Version 2.0, Patch 7.

Table 2-2: Prerequisite patch requirements

Package and Version	Associated Patch Designation(s)	Brief Patch Description	
Veterans Administration (VA) FileMan (DI)	Patch 1020	The version 22.0 patch 1020 release.	
VA Kernel (XU)	Patch 1020	The version 8.0 patch 1020 release.	
AMER version 3.0	Patch 13	Contains AMER changes needed to implement the features in BEDD version 2.0 Patch 7.	
IHS EMERGENCY DEPARTMENT DASHBOARD 2.0	Patch 6	Previous BEDD iteration release containing enhancements and bug fixes.	

2.2.2 System Requirements

Table 2-3 shows the versions of other packages that should be installed for the BEDD application to work properly. These packages have not been marked as required for this release as they will have already been installed because they were required for a previous AMER or BEDD release.

Module	Minimum Version	
IHS/VA Utilities (XB)	v3.0 through Patch 11	
Patient Care Component PCC Data Entry (APCD)	v2.0 through Patch 10	
IHS PCC Suite (BJPC)	v2.0 Patch 20	
EHR 1.1	v1.1 Patch 32	
Lexicon Utility (LEX)	v2.0 Patch 1003	
Ensemble	v2012.2.5	
VUECENTRIC FRAMEWORK 1.1V2	1.1V2	

Table 2-3: Module requirements

2.3 Before You Begin: Installation Issues

The HealthShare import file (bedd0200.07.xml) is being delivered in a zipped (compressed) format. It has been determined that transferring the file in an uncompressed format will corrupt it so that it will not import properly into HealthShare. Therefore, when retrieving the file, do not extract the file from its zipped state until it has been placed directly into the desired import folder.

3.0 Installation Instructions

Installation of BEDD v2.0p7 requires the installation of two builds. The first build that needs to be installed is an XML release that needs to be imported into HealthShare first. Following the XML installation will be a standard KIDS build installation.

3.1 Disk Space

With BEDD v2.0p7, no significant extra disk space is needed on the server to install the Cache Server Page (CSP) file contained in the bedd0200.07.xml file. Additional storage space will be needed to store patient information entered through the EDD.

3.2 Pre-installation

Before installing the BEDD application, the following items should be completed (in no order):

- If possible, initially load the software into a test account, then into the production account.
- Refer to the sample installation instructions for the applicable prompts and user responses. User responses appear in bold type.
- Ensure the other required applications have been installed.

3.3 Post-installation Instructions

3.3.1 Configuring BEDD to Run in Microsoft Edge

The previous Patch 6 installation enabled the ED Dashboard to run in Microsoft Edge. If a new server is being set up or if issues running the ED Dashboard in Microsoft Edge occur, please see the configuration steps found in Section 5.0 to enable the ED Dashboard to work properly.

4.0 Sample Installations

There are two builds to be installed with this release, an XML build and a KIDS build. For the installation to be completed successfully, the KIDS build must be installed after the XML build. A post install step in the KIDS build compiles information delivered in the XML build so it must be installed second. If the KIDS build inadvertently gets installed first, continue installing the XML build then install the KIDS build a second time.

For the previous Patch 6 version of the ED Dashboard to function properly running in the Microsoft Edge browser, the Microsoft WebView2 Runtime Library should have been installed during either the EHR v1.1 Patch 31(or Patch 32) installation or after the BEDD v2.0 Patch 6 installation. If it becomes necessary to re-install this library on a new server, please follow the steps in Section 4.1. If the library was already installed, please skip ahead to Section 4.2.

4.1 Installing the Microsoft WebView2 Runtime Library

Table 4-1 contains a description of Feature #75160 from the EHR v1.1 Patch 31 release which describes the need for the installation of the Microsoft WebView2 Runtime Library. To begin the installation process, click on the link found in the description.

Table 4-1: Required runtime library description from EHR v1.1, Patch 31

Feature #75160 (CR8473) Update Internet Explorer/Edge

Description: *** Prerequisites: sites must install Webview2 before being able to take advantage of the changes made by the CR.

Microsoft WebView2 Runtime Library found here:

<u>https://go.microsoft.com/fwlink/p/?LinkId=2124703</u> This runtime is required by the new Edge browser component delivered in this patch.

Since Edge is the new browser from Microsoft and IE will eventually be phased out, there is a need to make an EHR component available which supports the Edge browser. In EHR v1.1 P31 delivered an additional browser component in EHR for Edge. This does not mean that CCDA/BEDD, (which also uses a browser to render its front end) would use the Edge framework.

This request is to provide the ability to use the Edge browser in their GUI template if the site would prefer. In example, OIT has observed sites set their site-specific home page as the landing screen in their EHR – so this would enable that sort of a page to be displayed using Edge technology instead of outdated Internet Explorer. This component would not check if Edge were installed and that would be the site's responsibility to make sure it is installed if they are using that component.

Uses of Internet Explorer in RPMS EHR:1) ED Dashboard 2) State As part of my work in the IHS system I am required to transfer immunization data from patient ERH records to the state immunization system. I am unable to log on to the state system without having IE 9-10 or 11 version of Internet Explorer integrated into EHR. I was able to access the New Mexico NMSIIS system as recently as last week but now, since Patch 19 was installed I [and probably many others!] are not able to log into NMSIIS via EHR. With flu vaccination season starting now, this will be a major concern for recording and storing patient information.

Once the link has been reached, the MicrosoftEdgeWebview2Setup.exe download file will be downloaded. Click to install the file as shown in Figure 4-1.

D Unitied x +	- 0 ×
\leftarrow \rightarrow \mathbb{C} $\widehat{\alpha}$ \bigcirc https://go.microsoft.com/fwlink/p/?Linkld=2124703	🏠 🗰 🕄 🗲 🕞 🛓 (Not syncing 🔹 …
	Downloads 🗈 Q … 🖍
	MicrosoftEdgeWebview2Setup.exe <u>Open file</u>
	See more

Figure 4-1: Downloaded setup file

Clicking the link initiates the download of the Microsoft Edge Webview2 Runtime library as shown in Figure 4-2.



Figure 4-2: Downloading the Microsoft Edge Webview2 Runtime library

Once the download has completed, the library will be installed as shown in Figure 4-3.



Figure 4-3: Installing the Microsoft Edge Webview2 Runtime library

4.2 BEDD XML/Ensemble Installation

This section begins the BEDD installation process. It describes the process of importing the BEDD application into HealthShare Studio from an XML file.

4.2.1 Move XML Compressed File to Accessible Folder and Unzip

Move the compressed XML build to a folder accessible by the HealthShare server. Once the file has been placed into the folder, unzip the file.

4.2.2 Open Ensemble Studio

1. Click the HealthShare icon in the system tray (at the right end of the Windows Taskbar as shown in Figure 4-4) and select **Studio**, as shown in Figure 4-5. A logon ID and password may be required.



Figure 4-4: HealthShare icon on Windows Taskbar

Getting Started
Start HealthShare [HEALTHSHARE]
Stop HealthShare
Studio
Terminal
Management Portal
Documentation
Remote System Access
Preferred Server [HEALTHSHARE]
About
Exit

Figure 4-5: Open HealthShare Studio

2. The HealthShare Studio window displays, as shown in Figure 4-6.

	≜ н	IEALTHSHARE/F9Q2T@brian.everett -	Default_brianeverett.prj - Studio
1	File	Edit View Project Build De	bug Tools Utilities Window Help
÷		New Studio	😤 🔊 (° 🗐 🗐 🚳 🔁 🖌
Γ		Change Namespace F4	
	<u>*</u> 1	New Ctrl+N	
	2	Open Ctrl+O	
	2	Open URL	
		New Project	
		Open Project Ctrl+Shift+O	
		Save Project	
		Save Project As	
		Close Project	
		Print Setup	
		Recent Files •	
		Recent Projects	
		Exit	

Figure 4-6: HealthShare Studio with option to change namespace

3. On the File menu, click Change Namespace to open the Cache Connection Manager dialog (Figure 4-7).

Cache Connection Manager		
Select a Cache server and namespace from the list.		
Server:		
HEALTHSHARE (localhost[1972])		Connect
Namespace:		
CCDAF0Q1T CCDAF0Q2T CCDAF1Q1T CCDAF1Q1T CCDAF9Q1T CCDAF9Q1T CCDAF9Q2T CCDAF9QLD4 CCHITT D0CB0DK	^	
ENSDEMD ENSEMBLE FOQTT FOQTT F1QTT F1QTT F3Q1T F3Q1T F3Q1T F3Q1T	~	OK Cancel

Figure 4-7: Select the appropriate namespace to import

4. Select the appropriate Namespace from the **Cache Connection Manager** dialog, (Figure 4-7) and click **OK**.

4.2.3 Importing the bedd0200.07.xml file

1. On the **Tools** menu (Figure 4-8), select **Import Local**.

A LEALTHCHARE/CHITT@heing quanter Default Sustan av Studie	
HEALTHSHAKE/CHITT@brian.everett - Default_system.prj - Studio	
File Edit View Project Build Debug Tools Utilities Window Help	
🗄 🎦 🚰 🚰 🔄 🔁 🐰 🝙 🏨 🛛 Class Browser 🛛 Ctrl+W	-
Show Plan for SQL statement	
Templates 🕨	
Add-Ins 🕨	
Task List	
Export Ctrl+Shift+I	
Export Special	
Import Remote	
Import Local Ctrl+I	
Compare Ctrl+Alt+C	
Copy Class	
Generate C++ projection	
Import and Export Settings	
Options	
Customize	

Figure 4-8: Accessing the Import Local menu option

2. Navigate to the folder where the file was placed and select **bedd0200.07.xml**. Click **Open** (Figure 4-9).

🙏 Open						\times
\leftarrow \rightarrow \checkmark \uparrow \square \Rightarrow Thi	is PC → PUB (H:) → Temp →	F2Q1T > Builds > BEDD > v2.0 Patch	7 »	✓ Ö Search v	2.0 Patch 7	Q
Organize 👻 New folde	r					?
This PC	Name	Date modified	Туре	Size		
Desktop	a2	5/4/2023 12:02 PM	File folder			
Documents	d2	10/19/2022 1:35 PM	File folder			
Downloads	d3	12/14/2022 4:58 PM	File folder			
Music	d4	12/20/2022 1:42 PM	File folder			
J) Music	d5	3/31/2023 2:09 PM	File folder			
Pictures	i2	3/23/2023 5:50 PM	File folder			
Videos	📙 i3	5/24/2023 3:50 PM	File folder			
🏪 Windows (C:)	🔮 bedd0200	5/30/2023 9:30 AM	XML Document	650 KB		
👝 Temporary Stora						
👝 Healthshare (E:)						
Production (F:)						
RPMSDB (G:)						
🚛 PUB (H:)						
🔜 Backup (l:)						
— Journal (I:) Y						
File na	ame: bedd0200			✓ XML file	s (*.XML)	\sim
	L			Ор	en Canc	el

Figure 4-9: Selecting the XML build to import

3. The **Import** dialog (Figure 4-10) displays.

🔳 Im	port			×
Select	items you wish to import			
Item		File Date	Date on server	
	BEDD.EDSYSTEM.cls	2023-05-30 09:30:34	2023-03-30 10:28:57	
	BEDD.EDVISIT.cls	2023-05-30 09:30:34	2022-11-16 14:49:52	
	BEDD.EDWarning.cls	2023-05-30 09:30:34	2020-10-14 16:19:16	
	bedd0200p7.prj	2023-05-30 09:30:34	2023-05-24 14:51:21	
	BEDD2×07.INT	2023-05-30 09:30:34	2022-10-05 10:13:27	
	BEDDAPPL.EDSystem.cls	2023-05-30 09:30:34	2023-03-30 10:59:28	
	BEDDAPPL.EDSystemModel.cls	2023-05-30 09:30:34	2023-03-30 10:36:05	
	BEDDAPPL.EDWarning.cls	2023-05-30 09:30:34	2022-11-03 12:55:44	
V	BEDDAPPL.EDWarningModel.cls	2023-05-30 09:30:34	2020-10-14 13:22:10	
✓	BEDDRPT.INT	2023-05-30 09:30:34	2022-11-11 13:24:33	
	BEDDUTIS.INT	2023-05-30 09:30:34	2022-11-28 17:13:06	
	BEDDUTS1.INT	2023-05-30 09:30:34	2020-11-23 17:58:20	
	BEDDUTW.INT	2023-05-30 09:30:34	2023-03-30 11:39:27	
	BEDDUTW1.INT	2023-05-30 09:30:34	2023-03-30 11:24:23	
	csp/healthshare/curest/BEDD.csp	2023-05-30 09:30:34	2023-05-24 14:51:20	
	csp/healthshare/curest/BEDDAdmit.csp	2023-05-30 09:30:34	2023-05-24 14:51:20	
	csp/healthshare/curest/BEDDASRPT.csp	2023-05-30 09:30:34	2023-05-24 14:51:20	
	csp/healthshare/curest/BEDDCHFCMP.csp	2023-05-30 09:30:34	2023-05-24 11:45:28	
	csp/healthshare/curest/BEDDCLOGRPT.csp	2023-05-30 09:30:34	2023-05-24 14:51:20	
	csp/healthshare/curest/BEDDCONS.csp	2023-05-30 09:30:34	2023-05-24 11:45:28	
	csp/healthshare/curest/BEDDDC.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDDIAG.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDEDC.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDEDCV.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDEDIT1.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDINJ.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDLCKIT.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDLogin1.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDLOSRPT.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
	csp/healthshare/curest/BEDDPROC.csp	2023-05-30 09:30:34	2023-05-24 11:45:28	
	csp/healthshare/curest/BEDDRPTMNU.csp	2023-05-30 09:30:34	2023-05-24 14:51:21	
I▼ Ad	ld Imported Items to Project			
I ⊂ Co	mpile Imported Items			
	Select All Unselect All			OK Cancel

Figure 4-10: Import dialog

- 4. Select all the items in the list and select **Compile Imported Items**.
- 5. Click **OK**. After the system compiles the EDD package files, the **Compilation finished successfully in...** message appears in the **Output** pane.
- 6. If a warning dialog like Figure 4-11 displays after the XML file has been imported, click **OK** to continue.



Figure 4-11: Studio warning

4.3 BEDD KIDS Installation

1. From the **KIDS** menu, select the **Installation** menu.

- 2. From the XPD Main -> Installation menu, select Option 1: Load a Distribution.
- 3. Type **bedd0200.07k** at the **Enter a Host File** prompt. Please note the file path might need to precede the file name with the appropriate host path. This is the file to retrieve from the appropriate software directory.
- 4. Type Yes (or press Enter to accept the default) at the Want to Continue with Load? prompt.
- 5. KIDS file bedd0200.07k contains the following installation file:

BEDD*2.0*7

- 6. From the **Installation** menu, select **Option 2: Verify Checksums in Transport Global**. This option provides a mechanism for ensuring the integrity of the routines. This step verifies checksums for the components of the transport global, and reports any errors uncovered.
- 7. Type **BEDD*2.0*7** as the install name.

Optional: exercise one of the following installation options. In this case, use **BEDD*2.0*7** as the install name.

- **Back Up a Transport Global**: this option creates a MailMan message that will back up all current routines on the system that would be replaced by this release.
- **Compare Transport Global**: this option displays all changes that will result from the installation of this patch and compares them with the values currently loaded on the system (routines, data dictionaries, templates).
- 8. From the **Installation** menu, select the **Install Packages(s)** option.
- 9. At the Select Install Name prompt, type **BEDD*2.0*7.**
- 10. Respond to the following prompts as indicated:
 - a. At the Want KIDS to Rebuild Menu Trees Upon Completion of Install? prompt, type **NO**.
 - b. At the Want KIDS to INHIBIT LOGONs during the install? prompt, type NO.
 - c. At the Want to DISABLE Scheduled Options, Menu Options and Protocols? prompt, type **NO**.
- 11. Type the name of the device that will print the install messages.
- 12. Exit the **Installation** menu.

4.4 Sample Cache Installation

Note: User responses appear in bold type.

```
Select OPTION NAME: XPD MAIN
                                  Kernel Installation & Distribution System
          Edits and Distribution ...
          Utilities ...
          Installation ...
          Patch Monitor Main Menu ...
Select Kernel Installation & Distribution System <TEST ACCOUNT> Option: Installation
   1
        Load a Distribution
        Verify Checksums in Transport Global
   2
         Print Transport Global
   3
   4
         Compare Transport Global to Current System
   5
         Backup a Transport Global
   6
         Install Package(s)
          Restart Install of Package(s)
         Unload a Distribution
Select Installation <TEST ACCOUNT> Option: 1 Load a Distribution
Enter a Host File: C:\RPMS\bedd0200.07k
KIDS Distribution saved on May 24, 2023@14:38:55
Comment: BEDD*2.0*7
This Distribution contains Transport Globals for the following Package(s):
  BEDD*2.0*7
Distribution OK!
Want to Continue with Load? YES//
Loading Distribution...
Build BEDD*2.0*7 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
  BEDD*2.0*7
Will first run the Environment Check Routine, BEDD2P07
                   Patch "XU*8.0*1020" is installed - *PASS*
                   Patch "DI*22.0*1020" is installed - *PASS*
                    Patch "BEDD*2.0*6" is installed - *PASS*
                   Patch "AMER*3.0*13" is installed - *PASS*
Use INSTALL NAME: BEDD*2.0*7 to install this Distribution.
         Load a Distribution
   1
         Verify Checksums in Transport Global
   2
         Print Transport Global
   3
         Compare Transport Global to Current System
   4
   5
         Backup a Transport Global
   6
          Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution
```

Installation Guide and Release Notes July 2023

You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Installation <TEST ACCOUNT> Option: 2 Verify Checksums in Transport Glob al Select INSTALL NAME: BEDD*2.0*7 Loaded from Distribution 6/6/23@11:44: 02 => BEDD*2.0*7 ;Created on May 24, 2023@14:38:55 This Distribution was loaded on Jun 06, 2023@11:44:02 with header of BEDD*2.0*7 ;Created on May 24, 2023@14:38:55 It consisted of the following Install(s): BEDD*2.0*7 Want each Routine Listed with Checksums: Yes// YES DEVICE: HOME// VIRTUAL PACKAGE: BEDD*2.0*7 Jun 06, 2023 11:44 am PAGE 1 _____ -----BEDD2P07 Calculated 5309108 BEDDUTD1 Calculated 37941288 BEDDUTID Calculated 196168051 BEDDUTIL Calculated 175163087 BEDDUTL2 Calculated 42448538 5 Routines checked, 0 failed. 1 Load a Distribution 2 Verify Checksums in Transport Global Print Transport Global 3 Compare Transport Global to Current System 4 5 Backup a Transport Global Install Package(s) 6 Restart Install of Package(s) Unload a Distribution You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Installation <TEST ACCOUNT> Option: 6 Install Package(s) Select INSTALL NAME: **BEDD*2.0*7** Loaded from Distribution 6/6/23011:44: 02 => BEDD*2.0*7 ;Created on May 24, 2023@14:38:55 This Distribution was loaded on Jun 06, 2023@11:44:02 with header of BEDD*2.0*7 ;Created on May 24, 2023@14:38:55 It consisted of the following Install(s): BEDD*2.0*7 Checking Install for Package BEDD*2.0*7 Will first run the Environment Check Routine, BEDD2P07

Installation Guide and Release Notes July 2023

```
Patch "XU*8.0*1020" is installed - *PASS*
                   Patch "DI*22.0*1020" is installed - *PASS*
                    Patch "BEDD*2.0*6" is installed - *PASS*
                   Patch "AMER*3.0*13" is installed - *PASS*
Install Questions for BEDD*2.0*7
Want KIDS to INHIBIT LOGONs during the install? NO//
Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//
Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.
DEVICE: HOME// VIRTUAL
Install Started for BEDD*2.0*7 :
               Jun 06, 2023@11:44:27
Build Distribution Date: May 24, 2023
Installing Routines:.....
              Jun 06, 2023@11:44:27
 Installing PACKAGE COMPONENTS:
 Installing SECURITY KEY ..
              Jun 06, 2023@11:44:27
Running Post-Install Routine: ENT^BEDD2P07.
Compilation started on 06/06/2023 11:44:27 with qualifiers 'k-u'
Compiling routine : BEDD2XML.int
Compiling routine : BEDDRPT.int
Compiling routine : BEDDUTIS.int
Compiling routine : BEDDUTW.int
Compiling 18 classes, using 16 worker jobs
Compiling class BEDDAPPL.EDRoomModel
Compiling class BEDDAPPL.EDWarningModel
Compiling class BEDDAPPL.EDSystemModel
Compiling class BEDD.EDInjury
Compiling class BEDDAPPL.EDMenu
Compiling class BEDD.EDRooms
Compiling class BEDD.EDWarning
Compiling class BEDD.EDDiagnosis
Compiling class BEDD.EDRoomUse
Compiling class BEDD.EDUserPreferences
Compiling class BEDD.EDConsults
Compiling class BEDD.EDProc
Compiling class BEDD.EDSYSTEM
Compiling class BEDD.EDVISIT
Compiling table BEDD.EDConsults
Compiling table BEDD.EDRooms
Compiling table BEDD.EDUserPreferences
```

Installation Guide and Release Notes July 2023

Compiling table BEDD.EDDiagnosis Compiling table BEDD.EDRoomUse Compiling table BEDD.EDProc Compiling table BEDD.EDWarning Compiling table BEDD.EDSYSTEM Compiling table BEDD.EDVISIT Compiling routine BEDDAPPL.EDRoomModel.1 Compiling routine BEDDAPPL.EDWarningModel.1 Compiling routine BEDDAPPL.EDMenu.1 Compiling routine BEDDAPPL.EDSystemModel.1 Compiling routine BEDD.EDInjury.1 Compiling routine BEDD.EDDiagnosis.1 Compiling routine BEDD.EDConsults.1 Compiling routine BEDD.EDRooms.1 Compiling routine BEDD.EDProc.1 Compiling routine BEDD.EDRoomUse.1 Compiling routine BEDD.EDWarning.1 Compiling routine BEDD.EDUserPreferences.1 Compiling routine BEDD.EDSYSTEM.1 Compiling routine BEDD.EDVISIT.1 Compiling class BEDDAPPL.EDManager Compiling class BEDDAPPL.EDRoom Compiling class BEDDAPPL.EDWarning Compiling class BEDDAPPL.EDSystem Compiling routine BEDDAPPL.EDManager.1 Compiling routine BEDDAPPL.EDRoom.1 Compiling routine BEDDAPPL.EDSystem.1 Compiling routine BEDDAPPL.EDWarning.1 Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.js Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.css Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL 3.css Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDASRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDCITMRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDCLOGRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDCONS.csp Compiling file /csp/healthshare/f2q1t/BEDDDC.csp Compiling file /csp/healthshare/f2q1t/BEDDDCTMRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDDIAG.csp Compiling file /csp/healthshare/f2q1t/BEDDEDC.csp Compiling file /csp/healthshare/f2q1t/BEDDEDCV.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling file /csp/healthshare/f2q1t/BEDDIL.csp Compiling file /csp/healthshare/f2q1t/BEDDINJ.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKIT.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKREL.csp Compiling file /csp/healthshare/f2q1t/BEDDLOSRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin1.csp Compiling file /csp/healthshare/f2q1t/BEDDPROC.csp Compiling file /csp/healthshare/f2q1t/BEDDRMTMRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDRPTMNU.csp Compiling file /csp/healthshare/f2q1t/BEDDTRG.csp Compiling file /csp/healthshare/f2q1t/BEDDUA.csp Compiling file /csp/healthshare/f2q1t/BEDDUNLOCK.csp Compiling 24 classes, using 16 worker jobs Compiling class csp.bedd

Installation Guide and Release Notes July 2023

Compiling class csp.bedddctmrpt Compiling class csp.beddcons Compiling class csp.beddclogrpt Compiling class csp.beddasrpt Compiling class csp.beddcitmrpt Compiling class csp.bedddc Compiling class csp.bedddiag Compiling class csp.beddlosrpt Compiling class csp.beddil Compiling class csp.beddlckrel Compiling class csp.beddlogin1 Compiling class csp.beddedc Compiling class csp.beddlogin Compiling class csp.beddlckit Compiling class csp.beddedcv Compiling class csp.beddedit1 Compiling class csp.beddrmtmrpt Compiling class csp.beddinj Compiling class csp.beddproc Compiling class csp.beddtrg Compiling class csp.beddunlock Compiling class csp.beddrptmnu Compiling class csp.beddua Compiling routine csp.beddcitmrpt.1 Compiling routine csp.beddasrpt.1 Compiling routine csp.beddil.1 Compiling routine csp.bedddctmrpt.1 Compiling routine csp.beddlogin.1 Compiling routine csp.beddlckrel.1 Compiling routine csp.beddclogrpt.1 Compiling routine csp.beddedc.1 Compiling routine csp.beddlckit.1 Compiling routine csp.beddrmtmrpt.1 Compiling routine csp.beddtrg.1 Compiling routine csp.beddua.1 Compiling routine csp.beddlogin1.1 Compiling routine csp.beddrptmnu.1 Compiling routine csp.beddunlock.1 Compiling routine csp.beddlosrpt.1 Compiling routine csp.beddedcv.1 Compiling routine csp.bedddiag.1 Compiling routine csp.beddcons.1 Compiling routine csp.beddinj.1 Compiling routine csp.beddproc.1 Compiling routine csp.bedddc.1 Compiling routine csp.bedd.1 Compiling routine csp.beddedit1.1 Compilation finished successfully in 16.52s. Compilation started on 06/06/2023 11:44:44 with gualifiers 'k-u' Compiling routine : BEDD2X01.int Compiling routine : BEDDUTW.int Compiling routine : BEDDUTIS.int Compiling routine : BEDDUTW1.int Compiling routine : BEDDPREF.int Compiling 6 classes, using 6 worker jobs Compiling class BEDD.EDUserPreferences

Installation Guide and Release Notes July 2023

Compiling class BEDDAPPL.EDSystemModel Compiling class BEDD.EDSYSTEM Compiling class BEDDAPPL.EDMenu Compiling class BEDD.EDVISIT Compiling table BEDD.EDUserPreferences Compiling table BEDD.EDSYSTEM Compiling table BEDD.EDVISIT Compiling routine BEDDAPPL.EDMenu.1 Compiling routine BEDDAPPL.EDSystemModel.1 Compiling routine BEDD.EDUserPreferences.1 Compiling routine BEDD.EDSYSTEM.1 Compiling routine BEDD.EDVISIT.1 Compiling class BEDDAPPL.EDSystem Compiling routine BEDDAPPL.EDSystem.1 Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.js Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.css Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL 3.css Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKIT.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKREL.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin1.csp Compiling file /csp/healthshare/f2q1t/BEDDPROC.csp Compiling 6 classes, using 6 worker jobs Compiling class csp.beddlogin1 Compiling class csp.bedd Compiling class csp.beddproc Compiling class csp.beddlckit Compiling class csp.beddedit1 Compiling class csp.beddlckrel Compiling routine csp.beddlckrel.1 Compiling routine csp.beddlckit.1 Compiling routine csp.beddlogin1.1 Compiling routine csp.beddproc.1 Compiling routine csp.bedd.1 Compiling routine csp.beddedit1.1 Compilation finished successfully in 1.643s. Compilation started on 06/06/2023 11:44:45 with qualifiers 'k-u' Compiling routine : BEDD2X02.int Compiling routine : BEDDUTW1.int Compiling routine : BEDDUTW.int Compiling routine : BEDDRPT.int Compiling 6 classes, using 6 worker jobs Compiling class BEDDAPPL.EDSystemModel Compiling class BEDD.EDSYSTEM Compiling class BEDDAPPL.EDMenu Compiling table BEDD.EDSYSTEM Compiling routine BEDDAPPL.EDMenu.1 Compiling routine BEDDAPPL.EDSystemModel.1 Compiling routine BEDD.EDSYSTEM.1 Compiling class BEDDAPPL.EDRoom Compiling class BEDDAPPL.EDWarning Compiling class BEDDAPPL.EDSystem Compiling routine BEDDAPPL.EDRoom.1 Compiling routine BEDDAPPL.EDWarning.1 Compiling routine BEDDAPPL.EDSystem.1

Installation Guide and Release Notes July 2023

Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2qlt\BEDDAPPL.js Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.css Generating file: E:\InterSystems\HealthShare\CSP\healthShare\f2q1t\BEDDAPPL 3.css Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDAdmit.csp Compiling file /csp/healthshare/f2q1t/BEDDCLOGRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDCONS.csp Compiling file /csp/healthshare/f2q1t/BEDDDC.csp Compiling file /csp/healthshare/f2q1t/BEDDDIAG.csp Compiling file /csp/healthshare/f2q1t/BEDDEDC.csp Compiling file /csp/healthshare/f2q1t/BEDDEDCV.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling file /csp/healthshare/f2glt/BEDDINJ.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKIT.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKREL.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin1.csp Compiling file /csp/healthshare/f2q1t/BEDDPROC.csp Compiling file /csp/healthshare/f2q1t/BEDDRPTMNU.csp Compiling 16 classes, using 16 worker jobs Compiling class csp.beddlckrel Compiling class csp.beddclogrpt Compiling class csp.bedd Compiling class csp.beddproc Compiling class csp.beddlogin Compiling class csp.bedddiag Compiling class csp.bedddc Compiling class csp.beddcons Compiling class csp.beddinj Compiling class csp.beddlogin1 Compiling class csp.beddrptmnu Compiling class csp.beddadmit Compiling class csp.beddedc Compiling class csp.beddedcv Compiling class csp.beddlckit Compiling class csp.beddedit1 Compiling routine csp.beddlogin.1 Compiling routine csp.beddlckit.1 Compiling routine csp.beddedc.1 Compiling routine csp.beddlogin1.1 Compiling routine csp.beddlckrel.1 Compiling routine csp.beddrptmnu.1 Compiling routine csp.beddclogrpt.1 Compiling routine csp.beddedcv.1 Compiling routine csp.beddproc.1 Compiling routine csp.bedddiag.1 Compiling routine csp.beddcons.1 Compiling routine csp.beddinj.1 Compiling routine csp.bedddc.1 Compiling routine csp.bedd.1 Compiling routine csp.beddadmit.1 Compiling routine csp.beddedit1.1 Compilation finished successfully in 1.914s. Compilation started on 06/06/2023 11:44:47 with qualifiers 'k-u' Compiling routine : BEDD2X03.int Compiling routine : BEDDUTW1.int

Installation Guide and Release Notes July 2023

Compiling routine : BEDDRPT.int Compiling class BEDD.EDVISIT Compiling table BEDD.EDVISIT Compiling routine BEDD.EDVISIT.1 Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDAdmit.csp Compiling file /csp/healthshare/f2q1t/BEDDCLOGRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDDC.csp Compiling file /csp/healthshare/f2q1t/BEDDEDCV.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling file /csp/healthshare/f2q1t/BEDDLOSRPT.csp Compiling 7 classes Compiling class csp.bedd Compiling class csp.beddadmit Compiling class csp.beddclogrpt Compiling class csp.bedddc Compiling class csp.beddedcv Compiling class csp.beddedit1 Compiling class csp.beddlosrpt Compiling routine csp.bedd.1 Compiling routine csp.beddadmit.1 Compiling routine csp.beddclogrpt.1 Compiling routine csp.bedddc.1 Compiling routine csp.beddedcv.1 Compiling routine csp.beddedit1.1 Compiling routine csp.beddlosrpt.1 Compilation finished successfully in 1.662s. Compilation started on 06/06/2023 11:44:49 with qualifiers 'k-u' Compiling routine : BEDD2X04.int Compiling routine : BEDDRPT.int Compiling routine : BEDDUTW1.int Compiling routine : BEDDUTW.int Compiling routine : BEDDUTIS.int Compiling routine : BEDDVFX1.int Compiling 5 classes, using 5 worker jobs Compiling class BEDDAPPL.EDSystemModel Compiling class BEDD.EDSYSTEM Compiling class BEDDAPPL.EDMenu Compiling class BEDD.EDVISIT Compiling table BEDD.EDSYSTEM Compiling table BEDD.EDVISIT Compiling routine BEDDAPPL.EDMenu.1 Compiling routine BEDDAPPL.EDSystemModel.1 Compiling routine BEDD.EDSYSTEM.1 Compiling routine BEDD.EDVISIT.1 Compiling class BEDDAPPL.EDSystem Compiling routine BEDDAPPL.EDSystem.1 Generating file: E:\InterSystems\HealthShare\CSP\healthShare\f2qlt\BEDDAPPL.js Generating file: E:\InterSystems\HealthShare\CSP\healthShare\f2q1t\BEDDAPPL.css Generating file: E:\InterSystems\HealthShare\CSP\healthShare\f2q1t\BEDDAPPL 3.css Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDAdmit.csp Compiling file /csp/healthshare/f2q1t/BEDDCHFCMP.csp Compiling file /csp/healthshare/f2qlt/BEDDDC.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling 5 classes, using 5 worker jobs

Installation Guide and Release Notes July 2023

Compiling class csp.beddchfcmp Compiling class csp.bedddc Compiling class csp.bedd Compiling class csp.beddedit1 Compiling class csp.beddadmit Compiling routine csp.beddchfcmp.1 Compiling routine csp.bedddc.1 Compiling routine csp.beddadmit.1 Compiling routine csp.bedd.1 Compiling routine csp.beddedit1.1 Compilation finished successfully in 1.911s. Compilation started on 06/06/2023 11:44:51 with qualifiers 'k-u' Compiling routine : BEDD2X05.int Compiling file /csp/healthshare/f2q1t/BEDDLogin.csp Compiling file /csp/healthshare/f2q1t/BEDDLogin1.csp Compiling 2 classes, using 2 worker jobs Compiling class csp.beddlogin Compiling class csp.beddlogin1 Compiling routine csp.beddlogin.1 Compiling routine csp.beddlogin1.1 Compilation finished successfully in 0.042s. Compilation started on 06/06/2023 11:44:51 with qualifiers 'k-u' Compiling routine : BEDD2X06.int Compiling routine : BEDDRPT.int Compiling file /csp/healthshare/f2q1t/BEDD.csp Compiling file /csp/healthshare/f2q1t/BEDDAdmit.csp Compiling file /csp/healthshare/f2q1t/BEDDCHFCMP.csp Compiling file /csp/healthshare/f2q1t/BEDDCLOGRPT.csp Compiling file /csp/healthshare/f2q1t/BEDDCONS.csp Compiling file /csp/healthshare/f2q1t/BEDDDC.csp Compiling file /csp/healthshare/f2q1t/BEDDDIAG.csp Compiling file /csp/healthshare/f2q1t/BEDDEDC.csp Compiling file /csp/healthshare/f2q1t/BEDDEDCV.csp Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp Compiling file /csp/healthshare/f2q1t/BEDDINJ.csp Compiling file /csp/healthshare/f2q1t/BEDDLCKIT.csp Compiling file /csp/healthshare/f2q1t/BEDDPROC.csp Compiling file /csp/healthshare/f2q1t/BEDDRPTMNU.csp Compiling 14 classes, using 14 worker jobs Compiling class csp.bedd Compiling class csp.bedddc Compiling class csp.beddadmit Compiling class csp.bedddiag Compiling class csp.beddcons Compiling class csp.beddclogrpt Compiling class csp.beddinj Compiling class csp.beddchfcmp Compiling class csp.beddrptmnu Compiling class csp.beddlckit Compiling class csp.beddproc Compiling class csp.beddedc Compiling class csp.beddedit1 Compiling class csp.beddedcv Compiling routine csp.beddlckit.1 Compiling routine csp.beddrptmnu.1

Installation Guide and Release Notes July 2023

```
Compiling routine csp.beddedc.1
Compiling routine csp.beddchfcmp.1
Compiling routine csp.beddclogrpt.1
Compiling routine csp.beddedcv.1
Compiling routine csp.beddproc.1
Compiling routine csp.beddcons.1
Compiling routine csp.bedddiag.1
Compiling routine csp.beddinj.1
Compiling routine csp.bedddc.1
Compiling routine csp.beddadmit.1
Compiling routine csp.bedd.1
Compiling routine csp.beddedit1.1
Compilation finished successfully in 1.103s.
Compilation started on 06/06/2023 11:44:52 with qualifiers 'k-u'
Compiling routine : BEDD2X07.int
Compiling routine : BEDDUTS1.int
Compiling routine : BEDDUTW.int
Compiling routine : BEDDUTW1.int
Compiling routine : BEDDRPT.int
Compiling routine : BEDDUTIS.int
Compiling 8 classes, using 8 worker jobs
Compiling class BEDDAPPL.EDWarningModel
Compiling class BEDD.EDWarning
Compiling class BEDDAPPL.EDSystemModel
Compiling class BEDD.EDSYSTEM
Compiling class BEDDAPPL.EDMenu
Compiling class BEDD.EDVISIT
Compiling table BEDD.EDWarning
Compiling table BEDD.EDSYSTEM
Compiling table BEDD.EDVISIT
Compiling routine BEDDAPPL.EDWarningModel.1
Compiling routine BEDDAPPL.EDMenu.1
Compiling routine BEDDAPPL.EDSystemModel.1
Compiling routine BEDD.EDWarning.1
Compiling routine BEDD.EDSYSTEM.1
Compiling routine BEDD.EDVISIT.1
Compiling class BEDDAPPL.EDWarning
Compiling class BEDDAPPL.EDSystem
Compiling routine BEDDAPPL.EDWarning.1
Compiling routine BEDDAPPL.EDSystem.1
Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.js
Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL.css
Generating file: E:\InterSystems\HealthShare\CSP\healthshare\f2q1t\BEDDAPPL 3.css
Compiling file /csp/healthshare/f2q1t/BEDD.csp
Compiling file /csp/healthshare/f2q1t/BEDDASRPT.csp
Compiling file /csp/healthshare/f2q1t/BEDDAdmit.csp
Compiling file /csp/healthshare/f2q1t/BEDDCHFCMP.csp
Compiling file /csp/healthshare/f2glt/BEDDCLOGRPT.csp
Compiling file /csp/healthshare/f2q1t/BEDDCONS.csp
Compiling file /csp/healthshare/f2q1t/BEDDDC.csp
Compiling file /csp/healthshare/f2q1t/BEDDDIAG.csp
Compiling file /csp/healthshare/f2q1t/BEDDEDC.csp
Compiling file /csp/healthshare/f2q1t/BEDDEDCV.csp
Compiling file /csp/healthshare/f2q1t/BEDDEDIT1.csp
Compiling file /csp/healthshare/f2q1t/BEDDINJ.csp
Compiling file /csp/healthshare/f2qlt/BEDDLCKIT.csp
```

Installation Guide and Release Notes July 2023

```
Compiling file /csp/healthshare/f2q1t/BEDDLOSRPT.csp
Compiling file /csp/healthshare/f2q1t/BEDDLogin1.csp
Compiling file /csp/healthshare/f2q1t/BEDDPROC.csp
Compiling file /csp/healthshare/f2q1t/BEDDRPTMNU.csp
Compiling 17 classes, using 16 worker jobs
Compiling class csp.beddinj
Compiling class csp.beddasrpt
Compiling class csp.beddchfcmp
Compiling class csp.beddlckit
Compiling class csp.bedddiag
Compiling class csp.bedd
Compiling class csp.beddlogin1
Compiling class csp.beddedc
Compiling class csp.beddadmit
Compiling class csp.beddclogrpt
Compiling class csp.beddedcv
Compiling class csp.beddrptmnu
Compiling class csp.beddcons
Compiling class csp.bedddc
Compiling class csp.beddedit1
Compiling class csp.beddlosrpt
Compiling class csp.beddproc
Compiling routine csp.beddasrpt.1
Compiling routine csp.beddlckit.1
Compiling routine csp.beddlogin1.1
Compiling routine csp.beddlosrpt.1
Compiling routine csp.beddedc.1
Compiling routine csp.beddclogrpt.1
Compiling routine csp.beddchfcmp.1
Compiling routine csp.beddrptmnu.1
Compiling routine csp.beddedcv.1
Compiling routine csp.beddproc.1
Compiling routine csp.bedddiag.1
Compiling routine csp.beddcons.1
Compiling routine csp.beddinj.1
Compiling routine csp.bedddc.1
Compiling routine csp.bedd.1
Compiling routine csp.beddadmit.1
Compiling routine csp.beddedit1.1
Compilation finished successfully in 2.326s.
Compilation started on 06/06/2023 11:44:54 with qualifiers 'k-u'
Compilation finished successfully in 0.014s.
 Updating Routine file.....
 Updating KIDS files.....
BEDD*2.0*7 Installed.
               Jun 06, 2023@11:44:54
Not a VA primary domain
 NO Install Message sent
```

Figure 4-12 Sample Cache Information

Installation Guide and Release Notes July 2023

5.0 Installation Configuration

Note: The previous BEDD v2.0 Patch 6 release enabled the EDD to be viewed in the new Microsoft Edge EHR component. If the EDD was already set up successfully for the Patch 6 release, no changes should be needed after the installation of Patch 7. The following instructions describing how to set up the EDD so that it works in Edge have been included in this release as a reference in case a site sets up a new server or encounters issues.

There are two modes of operation for the EDD: Standalone and EHR Portal:

- 1. **Standalone Mode** Access via a direct web browser session which requires an active RPMS access and verify code to login.
- 2. **EHR Application Access** There are two ways to set up the EDD to work from within the EHR Application. The EDD can be set up from within EHR as a separate tab or it can be set up as a menu option which, when selected, will open the EDD in a separate browser window. Note that this also requires an active RPMS access and verify code and the appropriate BEDD security keys to login.

5.1 Stand Alone Setup

For Standalone access, create an icon on your desktop to call up your web browser (Microsoft Edge, Google Chrome, or Mozilla Firefox) for access. A link to Microsoft Edge is created for this example.

- 1. If you already use the EDD in Stand Alone mode using the Internet Explorer browser, locate the address for the EDD by doing the following:
 - a. Locate the current desktop shortcut for the EDD.

Right-click on the shortcut and select **Properties** as shown in Figure 5-1.

ED Dashbc	Open Print Restore previous versions	
-	Send to	>
	Cut Copy	
	Create shortcut	
	Delete Rename	
	Properties	

Figure 5-1: ED Dashboard shortcut properties

b. Navigate to the **Web Document** tab and copy the value of the entire URL property as shown in Figure 5-2.

	👰 ED Dashboa	rd Properties	×	
	Security General	Details Web Document	Previous Versions Classification	
ED Dashboar	URL: Shortcut key: Visits:	57772/csp/healthshare	/CHITD/BEDDLogin.csp	
			Change Icon	
		ОК	Cancel Apply	

Figure 5-2: URL value of existing ED

2. On your desktop or from the Start menu, right-click on the Microsoft Edge icon and choose **Send to** and select **Desktop (create shortcut)** (Figure 5-3).



Figure 5-3: Create standalone access

3. Locate the new shortcut on the desktop, right-click and select **Properties**. Navigate to the **General** tab and change the name of the shortcut to the desired value (see Figure 5-4).

😨 👧 Microsoft I	Edge Properties				×
Security	Deta	ils	Prev	vious Versions	
General	Shortcut	Comp	atibility	Classification	
	ED Dashboard	I]
Type of file:	Shortcut (.lnk)				
Description:	Microsoft Edge				
Location:	C:\Users\brian	.everett\l	Desktop		
Size:	2.21 KB (2,269	bytes)			
Size on disk:	4.00 KB (4,096	bytes)			
Created:	Today, Decem	ber 7, 20	21, 4 minut	es ago	
Modified:	Today, Decem	ber 7, 20	21, 4 minut	es ago	
Accessed:	Today, Decem	ber 7, 20	21, 4 minut	es ago	
Attributes:	Read-only	Hide	den	Advanced]
	OK		Cancel	Apply	

Figure 5-4: Renaming a new shortcut

- 4. Navigate to the **Shortcut** tab. In the **Target** field, leaving what is currently listed there and appending to the end, adding the following:
 - A space followed by the target information copied in Step 1 above. If a Standalone shortcut was not previously set up, this string will be as follows:
 - <u>http://IPADDRESS:PORT/csp/bedd/BEDDLogin.csp</u>
 - Where:
 - IPADDRESS is the IP name or Address of your HealthShare installation or CSP Gateway
 - **PORT** is the port number used for the portal or gateway
 - /csp/bedd/ is the name of the web application server defined in the HealthShare System Management Portal

Note: Modify the URL to HTTPS if you are using a CSP gateway with an active and signed HTTPS encryption certificate.

- The resulting Target value should look like the following example (see Figure 5-5).
 - C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe http://URL:PORT:57772/csp/healthshare/bedd/BEDDLogin.csp
 - Where URL and PORT represent the proper values for your site.

👧 ED Dashboar	d Properties				×
Security	Deta	ails	Prev	vious Versior	IS
General	Shortcut	Comp	atibility	Classific	ation
R EC) Dashboard				_
Target type:	Application				
Target location:	Application				
Target:	st:57772/csp	o/healths	hare/bedd/	/BEDDLogin	.csp
Start in:	"C:\Program	Files (x86	6)\Microsoft	\Edge\Appl	icatic
Shortcut key:	None				
Run:	Normal wind	ow			\sim
Comment:	Browse the v	veb			
Open File Lo	ocation (Change k	con	Advanced	
	Oł	<	Cancel	Ą	pply

Figure 5-5: Updated Target field

- 5. Click **OK** to save the changes.
- 6. Click the new icon to test. Depending on the HealthShare settings, one of the following two pages shown in Figure 5-6 or Figure 5-7 should be presented:
- 7. HealthShare Login Credential Request (Figure 5-6) Log into HealthShare with the appropriate login HealthShare username and password.

Instance: HEALTH SHARE		Health Share
	Deviden	
	Passard	

Figure 5-6: HealthShare login request

 ED Dashboard Login Credential Request (Figure 5-7) – Log into the ED Dashboard using your personal ACCESS/VERIFY codes or the Whiteboard login credentials.

B BEDD Farman Barn Darbler M		- n x
$\leftarrow \rightarrow \mathrm{C}$ () localhost-57772/csp/healthshare/chitd/@EDDLogin1.csp	tê t≞	🕀 (Sign in 📳 …
СНТР		
Welcome to the BEDD Emergency Room Dashboard		
Standalone/Whiteboard Login		
Access Code:		
Verify Code:		
Select the Site		
Login Whiteboard Login		
Integrated Dashboard/EHR users must re-launch the Dashboard from EHR to re-establish the link with EH	R	

Figure 5-7: ED Dashboard login request

5.2 EHR Setup

EHR application managers can choose which method they would like to allow users to view the EDD from the EHR application. If the site already has the EDD working using the EHR Internet Explorer browser component, please see the next section for retrieving the current HOMEPAGE information that can be utilized later.

5.2.1 Retrieving Existing Internet EDD Setup HOMEPAGE

If your site is already using the EDD from within EHR, then you can retrieve the HOMEPAGE link already being utilized and use that same link when you set up the EDD in the new Edge component. Depending on how you have the EDD currently set up you can retrieve the HOMEPAGE as follows.

5.2.1.1 EDD is a Tab in EHR

1. If your site accesses the EDD using a separate tab in EHR, navigate to the **EDD** tab in EHR and turn on **Design Mode** as shown in Figure 5-8.

	RPMS-E	HR F	VFR	FTT RRIAN F ** CH	HITD**									
1.	Iser Desir	nn I	đ	Restore		Sia Cl	lear Clear and Lo	ck Com	munity Alerts	Dosing Calculator	Ry Print Settings	Imaging		
F	PF	anv.		Move			BESOLIBOES		RI		DIBECT WebMail		ED Dashboard	
				Size			11200011020			510	Birleor		20000000	
			-	Minimize										
				Maximize										
		3	x	Close	Alt+F4									
		~	/	Design Mode	Ctrl+Alt+D									
				Show Trace Log										

Figure 5-8 Selecting the EDD tab and entering design mode

2. Right-click anywhere on the whitespace on the tab page and select **Properties** as show in Figure 5-9.

																				_
🕘 R	RPMS-EHR	EVERETT,	BRIAN E	** CHI	TD**															
User	Design	Patient	Refresh	Data	Tools	Help	eSig	Clear	Clear and L	ock C	ommunity	Alerts	Dosing	Galculator	Rx Print S	ettings	Imaging			
	PRIVA	NCY .		PATI	ENT CH	ART			RESOURCES			RCI		-	DIRECTIV	√ebMail		ED	Dashboard	
		-	Internet	t Exploi	rer Actie	ons:														
		-					-													
			Layout N	/lanage	r															
			LOCK																	
		_	Remove				_													
			Cut																	
			Сору																	
			Paste																	
			Align			1	•													
			Anchor				•													
			About				-													
			Propertie	es	-	-														

Figure 5-9 Selecting the EDD page properties

3. In the **Properties** dialog that displays, copy the entire string of information stored in the **HOMEPAGE** property as shown in Figure 5-10.

RPMS-EHR EVERETT, BRIAN E ** CHITD**			
User Design Patient Refresh Data Tools Help eSig Clear Clear a	ind Lock Community Alerts Dosi	ng Calculator Rx Print Settings Imaging	
PRIVACY PATIENT CHART RESOUR	RCES RCIS	DIRECT WebMail	ED Dashboard
	Properties for Internet Explorer]
	Property	Value	
	TOP	0	ĺ
	LEFT	0	
	HEIGHT	767	
	WIDTH	1276	
	ALIGN	AI	
	ANCHORS	Top; Left; Right; Bottom 🗸	
	ALLOWNEWWINDOW		
	AUTOSIZE	L False	
	BORDERSTYLE	None	
	CAPTION	Emergency Department Tracking Board	
	CAPTIONCOLOR1		
	CAPTIONCOLOR2		
	CAPTIONSTYLE	No caption ~	
	COLOR	×	
	HOMEPAGE	Site handle Site + Site handle & LUC - EHR	
	RESETONPATIENTCHANGE		
	TOOLBARVISIBLE	✓ True	
			4
	HOMEPAGE		
	URL for the default home page.		
			-
	ОК	Cancel Apply	



4. Copy the **HOMEPAGE** value so that it can be later accessed as shown in Figure 5-11.



Figure 5-11: Copy of EDD HOMEPAGE value

5.2.1.2 EDD is a Menu Option in EHR

1. If your site accesses the EDD using a menu option in EHR, turn on **Design Mode** and then click **Design** and **Desktop Properties** as shown in Figure 5-12.

🥥 R	PMS∙EHR	EVERETT,	BRIAN E ** CH	HITD**									
User	Design	Patient	Refresh Data	Tools	Help	eSig	Clear	Clear and Lock	Community Alerts	Dosing Calculator	Rx Print Settings	Imaging	ED Dashboard
	Fin	d Object		>	HART			RESOURCES	R	cis 🔹	DIRECT WebMail		
	Laj	out Man	ager										
	Ор	tions											
	De	sktop Pro	perties										
	Re	quired Ser	vices										
	Cle	ar Deskto	р										
	De	lete Temp	late										
	Sav	/e as Tem	plate										
	Sav	e Persona	al Settings										
	Re	store Pers	onal Settings										
	Re	store Defa	ults										
	Re	store from	n Template										

Figure 5-12: Opening the desktop properties in design mode

2. In the **Properties for Desktop** dialog, click on the **Customize Menus** property as shown in Figure 5-13.

Properties for Desktop					
Property	Value				
CAPTION	RPMS·EHR \$(USER.NAME) ** CHIT	D**			
FONT	MS Sans Serif				
HEIGHT	825				
HELPFILE	VIM.chm				
ICON	0				
ICONS					
IMAGE	VueCentric.jpg				
INFOCOLOR		~			
POPUPCOLOR		~			
POPUPCOLOR2		~			
PROGRESSCOLOR		~			
STATUSCOLOR		~			
WIDTH	1280				
Customize Menus	+-~~// + + + + + + + + + + + + + + + + + +				

Figure 5-13 Displaying the EHR customize menu

3. In the **Menu Items** list on the right, select the menu option for the current EDD setup. Then click the **Menu Action lightning bolt icon** on the top to bring up the **Edit Action** dialog as shown in Figure 5-14.

RPMS-EHR	REVERETT, BRIAN E ** CHITD**						
User Design	Patient Refresh Data Tools	Help eSig Clear Clear and Lock	Community Alerts	Dosing Calculator	Rx Print Settings	Imaging	ED Dashboard
PRIVA	ACY PATIENT C	HART RESOURCES	RC	is	DIRECT WebMail		
	Properties for Desktop						
	Property	🔜 🕂 🗕 🔉 🌽 🍕 🔍					
	CAPTION						
	FONT	Menu Items					
	HEIGHT	Calculator	^				
	HELPFILE	Options					
	ICON	X Help					
	ICONS	Help On					
	IMAGE	About					
	INFOCOLOR	eSig					
	POPUPCOLOR	Clear and Lock					
	POPUPCOLOR2	Community Alerts					
	PROGRESSCOLOR	Rx Print Settings	CD Darkhann				
	STATUSCOLOR	Rx Print Editor	Edit action:				
	WIDTH	- Imaging	Euk acuon.				
	Customize Menus		i?DUZ=\$(user	.handle)&SITE=\$(site.h	andle)&LOC=EHR		
		+ ED Dashboard		OK	Cancel		
	Customize Menus Manages custom menu items.						
	OK	Cancel Apply					

Figure 5-14: Displaying the menu item Edit action

4. Copy the existing **Edit action** in a location where it can be later retrieved as shown in Figure 5-15.

Note: If the existing Edit action contains the text **-nomerge** (as shown in Figure 5-15) it should be removed from the Edit action as Edge does not support the **-nomerge** functionality.

🕘 *Untitled - Notepad	
File Edit Format View Help	
C:\Program Files\Internet Explorer\iexplore.exe -nomerge http://XX.XX.XX.YYYYYY/csp/healthshare/csp/BEDDLogin.csp?DUZ=\$(user.handl	e)&SITE=\$(site.handle)&LOC=EHR

Figure 5-15: Existing EDD menu action

5.2.2 EDD EHR Tab Method Using Edge Component

To set up users to access the EDD from within EHR on a new EHR tab using the new EHR Edge component, perform the following steps:

1. Open EHR, right-click in the title bar at the top and choose **Design Mode** as indicated in Figure 5-16:

RPMS-EHR EVERE	ETT, BRIAN E ** CHIT	'D**	_							
User Patient F 🖻	Restore		Clear and Lock	Community Alerts	Dosing Calculator	r Rx Print Settings Imaging	1			
PRIVACY	Move		RESOUR	RCES	RCIS	DIRECT WebMail		ED Das	hboard	
Patient not selec	Size			Visit not selecte	d			Primary Ca	re Team Unassigr	ned
-	. Minimize		D-91909	EVERET LERIAN I	Danis Madianti					
1 🖄 🕺 🖻	Maximize		apReq:0	- Problem List Ad	vs React Medicatio		Asthma A Plar	Action PW	/H Med eRx I Rec	Rec
Notifiations Cov 🗙	Close	Alt+F4	gt Prenatal	Well Child Medica	ions Labs Orde	ers Notes Consults/Referra	ls Superb	vill D/C Su	immary Suicide	e Fo
	Design Mode	Ctrl+Alt+D			Medic	ation List		Adverse	Reactions	
Problem 🔺	Show Trace Log			Medication	Stal	tus 🛛 Issue Date 🔻		Agent 🔺	Type Rea	actio
								J		
								1		
				4				4		
										_
				Status	Inpatient/Out	patient		Status		

Figure 5-16: EHR design mode

2. From the **Design** menu option, select **Layout Manager** as shown in Figure 5-17:

🥥 R	PMS-EHR EVERETT, BRIAN E ** CH	ITD**	
User	Design Patient Refresh Data	Tools Help eSig Clear Clear and Lock Community Alerts Dosing Calculator Rx Print Settings Imaging	
	Find Object	HART RESOURCES RCIS DIRECT WebMail	ED Dashboard
Patie	Layout Manager	Visit not selected	Primary Care Team Unassigned
	Options		and the state of t
1 3	Desktop Properties	Ed MapReg: 0	Rec PWH Med eRx Rec
Notifi	Required Services	Problem Mngt Prenatal Well Child Medications Labs Orders Notes Consults/Referrals Superbill	D/C Summary Suicide Fo
	Clear Desktop	t Medication List	dverse Reactions
	Delete Template		
	Save as Template		
	Save Personal Settings		
	Restore Personal Settings		
	Restore Defaults		
	Restore from Template		

Figure 5-17: EHR layout manager

3. In the Layout Manager, click on Tabbed Notebook and click Properties as shown in Figure 5-18:

RPMS-EHR EVERETT, BRIAN E ** CHITD**		
User Design Patient Refresh Data Tools Help eSig Clear Clear and PRIVACY PATIENT CHART RESOLUTION	d Lock Community Alerts Dosing Calculator Rx Print Settings Imaging	ED Dashboard
Patient not selected	Visit not selected EVERETT,BRIAN E	Primary Care Team Unassigned
No Refill "Q" Refill "	Problem List Advs React Medications	ction PWH Med eRx Re
Notifiations Cover Sheet Triage Wellness Problem Mngt Prenatal Wellness Problem Mngt Prenatal Wellness Problem List	Yell Child Medications Labs Orders Notes Consults/Referrals Supert	D/C Summary Suicide F
	Cut Copy Paste Add. Delete Properties. About. Delete Add. Delete About. Delete Add. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete About. Delete Ab	Status
Vitais		
Appointments/Visits		Triage Summary

Figure 5-18: Create ED dashboard tab

4. In the **Tabbed Notebook** dialog, click on the plus (+) icon in the **Tab Editor** property as shown in Figure 5-19:

RPMS-EHR EVERETT, BRIAN E ** CHITD**			
User Design Patient Refresh Data Tools Help eSig Clear Clear a	and Lock Community Alerts Dosin	ig Calculator Rx Print Settings Imaging	
PRIVACY PATIENT CHART RESOUR	RCES RCIS	DIRECT WebMail	ED Dashboard
Patient not selected	Visit not selected EVERETT,BRIAN E		Primary Care Team Unassigned
No Postings M Lab Ed MapReq: 0	* Problem List Advs React Medic	ations CIR CIC Asthma Av	ction PWH Med eRx Re Rec eRx Re
Notifiations Cover Sheet Triage Wellness Problem Mngt Prenatal	Well Child Medications Labs 0	rders Notes Consults/Referrals Superb	D/C Summary Suicide F
Active Problem List	Med	ication List	Adverse Reactions
	Properties for Tabbed Notebook		
	Property	Value	
	ТОР	0	1
	LEFT	0	1
	HEIGHT	790	1
	WIDTH	1280	Chahue
	ALIGN	All	All Active
Vitals	ANCHORS	🔽 Top; Left; Right; Bottom 🗸 🗸	
Thur	FIXEDWIDTH	True True	-
	MULTILINE	False	
	REVERSETABS	False	
	TABPOSITION	Top	1
	TABSTYLE	Single Slant 🗸	1
	Tab Editor	🛉 — 🗠 🖉 🗰 🔠 🔒 🔍	
			í
			-
Appointments/Visits			Triage Summary
			—
	ПК	Cancel Ónolu	
		Calicol	1

Figure 5-19 Create ED dashboard tab (cont.)

5. In the new tab, type **ED Dashboard** (or whatever name is to be used for the ED Dashboard) as shown in Figure 5-20:

RPMS-EHR EVERETT, BRIAN E ** CHITD**			
User Design Patient Refresh Data Tools Help eSig Clear Clear a	and Lock Community Alerts Dosin	g Calculator Rx Print Settings Imaging	
PRIVACY PATIENT CHART RESOU	RCES RCIS	DIRECT WebMail	ED Dashboard
Patient not selected	Visit not selected EVERETT,BRIAN E		Primary Care Team Unassigned
No Posings III Plat Refil "Q" Lab Lab Et MapReg: 0	* Problem List Advs React Medica	ations CIR CIC Asthma A	ction PWH Med eRx Rei
Active Problem List	Well Child Medications Labs U	rders Notes Consults/Heterrals Supert	Adverse Reactions
	Properties for Tabbed Notebook		
	Property	+ - 🗠 🌽 🛤 🖅 🔒 🔍	
	ТОР	↑ +	
	LEFT	Tabs	
	HEIGHT	PRIVALY A PATIENT CHART	
	WIDTH	A RESOURCES	Chabus
	ALIGN	A DIRECT WebMail	All Active
Vänla	ANCHORS	ED Dashboard	
¥ itais	FIXEDWIDTH	ED Dashboard • E dge	
	MULTILINE		
	BEVERSETARS		
	TABPOSITION		
	TABSTYLE		
	Tab Editor		
		-	
		1	-
	1		T : 0
Appointments/Visits	Tab Editor		I riage Summary
	Allows creation, deletion, and modificat	ion of tabs.	
	OK	Cancel Apply	
			ar

Figure 5-20: Create ED dashboard tab (cont.)

6. After creating the new tab, step to the tab. Right-click on the tab space and select **Add Object** as shown in Figure 5-21:

🔵 R	PMS-FHR F	VERETT F	RIAN F ** C	HITD**													
User	Design	Patient	Refresh Data	Tools	Help	eSig	Clear	Clear and Lock	Co	mmunity Alerts	Dosing Ca	culator	Ry Print Settings	Imagi	na		
	PRIVAC	Y	PAT	IENT CH	ABT	N	BE	SOURCES		BCIS	Contra Contra	DI	IBECT WebMail		ED Dashhoard	ED Dashboard - Edge	
																 	· · · · · · · · · · · · · · · · · · ·
1111																	
11111																	
	🕰	o ro nad	Channel Para														
		D ED Dasi	nboard - Euge	and Act	lions:	1.1											
1111																	
		Add Ob	ject														
11111		1															
		Layout	Manager														
11111		Lock															
						- D.											
		Remove	e			1.1											
		Cut				1.1											
		Cut				1.1											
		Conv															
1111		Paste				111											
						— C.											
		Alian				(*)											
		Anchor				• • • • •											
11111		1000				111											
		Tile				- E											
11111		Propert	ies			11											
1111																	

Figure 5-21: Adding new object

7. Select to add a new **Edge browser** object as shown in Figure 5-22. If needed, double-click on the object to expand it to the entire page.



Figure 5-22 Adding internet explorer object

8. Right-click on the new **Edge browser** object and select **Properties** as shown in Figure 5-23:

🕘 F	PMS-EHR	EVERETT,	,BRIAN E **	CHITD**																
User	Design	Patient	Refresh Dat	a Tools	Help	eSig	Clear	Clear and Loc	k Con	nmunity	Alerts	Dosing C	alculato	r Rx Print Setting	gs Imagi	ng				
	PRIVA		P/	ATIENT CHA			RE	SOURCES			RCIS			DIRECT WebMail		ED Dashboa	rd	ED D	ashboard - Edge	
\bigcirc	\bigcirc	🕻 🔊																		
\sim	\circ	$\sim \bigcirc$			_	_	_		_	_	_									_
					ę	3 <u>E</u> dge	Brows	er Actions:												
						Layo	ut Man	ager												
						L <u>o</u> ck														
						Remo	ove													
						<u>C</u> ut														
						Сору	L													
						Paste	2													
						Align	n		•											
						A <u>n</u> ch	nor		•											
						A <u>b</u> ou	.t													
						Prop	erties													

Figure 5-23: Selecting edge browser properties

9. In the Website property box, if EDD is already in use at the site and a HOMEPAGE value was stored in Figure 5-11, place the HOMEPAGE value in as the Website value. If this is a new occurrence of EDD, put in the EHR URL as seen in Figure 5-24, where an example value is given. Replace the IP address and PORT values with those appropriate for your site. Replace /csp/bedd/ with the name of the Web application defined in the HealthShare System Management Portal for the BEDD application.

```
http://<mark>IPaddress:PORT</mark>/
<mark>csp/bedd</mark>/BEDDLogin.csp?DUZ=$(user.handle)&SITE=$(site.handle)&LOC=EHR
```

RPMS-EHR EVERETT BRIAN E ** CHITD**			_
User Design Patient Refresh Data Tools Help eSig Clear Clear	and Lock Community Alerts Do	sing Calculator Rx Print Settings Imaging	
PRIVACY PATIENT CHART RESOU	IRCES RCIS	DIRECT WebMail	ED Dashboard ED Dashboard - EDGE
	Properties for Edge Browser		
	Property	Value	1
	тор	0	
	LEFT	0	
	HEIGHT	767	
	WIDTH	1276	
	ALIGN	→ IIA	
	ANCHORS	Top; Left; Right; Bottom ~	
	Website	\$(user.handle)&SITE=\$(site.handle)&LOC=EHF	
	HideToolbar	✓ True	
	ButtonSize	30	
	HideButtonText	⊻ Irue	-
	ResetOnPatientChange	L False	
			-
	Website		
	The address of the website		
	OK	Cancel Apply	
			J

Figure 5-24: Enter the ED dashboard

- 10. Verify that the ResetOnPatientChange checkbox is **False** (Figure 5-24). If set to **True**, when a user attempts to edit a patient in the EDD, when the EHR context changes to the patient, it will cause the session to revert from the edit page back to the main dashboard page.
- 11. If this is a site with an existing EDD tab set up for Internet Explorer, remove the existing ED Dashboard tab in EHR by bringing up the Layout Manager, selecting the original ED Dashboard Tab and clicking Delete as shown in Figure 5-25.



Figure 5-25: Deleting the existing ED Dashboard EHR tab

12. Make sure to save the changes to the appropriate template or personal settings.

5.2.3 EDD New EHR Menu Method

To set up users to access the EDD from a new browser window accessible from a menu option in EHR, perform the following steps:

1. Identify the location of the Microsoft Edge browser on the server. Right-click on the Microsoft Edge short-cut on the desktop and select **Properties** as shown in Figure 5-26:



Figure 5-26: Selecting the Edge browser properties

2. On the **Shortcut** tab, copy the information contained in the **Target** property for later use as show in Figure 5-27:

	.				
	Microsoft Ed	ge Properties		~	
	Security	Details	Pr	evious Versions	
	General	Shortcut	Compatibility	Classification	
Microsoft Edge	Re Mi	crosoft Edge			
	Target type:	Application			
	Target location:	Application			
	Target:	s (x86)\Microso	ft\Edge\Applica	tion\msedge.exe''	
	Start in:	"C:\Program Fi	es (x86)\Microso	oft\Edge\Applicatic	
	Shortcut key:	None			
	Run:	Normal window	i i i i i i i i i i i i i i i i i i i	~	
	Comment:	Browse the we	2		
	Open File Lo	cation Ch	ange Icon	Advanced	
		OK	Cance	el Apply	

Figure 5-27: Copying the Edge browser target value

3. Now, in EHR right-click in the title bar at the top and choose **Design Mode** as indicated in Figure 5-28:

RPMS-EHR EVER User Patient Re PRIVACY Patient not select	ETT D	RRIAN E ** CHITD* Restore Move Size	*	Clear and Lock RESOUT	Commur RCES Visit no	ity Alerts Do	osing Calco RCIS	ulator Rx Print	Settings Imaging DIRECT WebMail		Primary Ca
	- - ×	Minimize Maximize Close	Alt+F4	efill "Q" pReq: 0	Problem	T,BRIAN E List Advs Ro	eact Med	dications		Asthma A Plan	ction PW
Publice 4		Design Mode	Ctrl+Alt+D			Medications	M	edication List	Consultar Helenais	Jouperbi	Adverse I
Problem A		Show note Log			Medica	ion		status	ssue Date *		Agent A

Figure 5-28: Enter design mode

4. Select **Design**, then **Desktop Properties** as displayed in Figure 5-29:

I RI	PMS-EHR EVERETT, BRIAN E ** CHITD	
User	Design Patient Refresh Data Too	: Help eSig Clear Clear and Lock Community Alerts Dosing Calculator Rx Print Settings Imagin
	Find Object	HART RESOURCES RCIS DIRECT WebMail
Patie	Layout Manager	Visit not selected
	Options	EVERETT,BRIAN E
2	Desktop Properties	
Notifi	Required Services	Problem Mngt Prenatal Well Child Medications Labs Orders Notes Consults/Referrals Sup
	Clear Desktop	t Medication List
	Delete Template	
	Save as Template	
	Save Personal Settings	
	Restore Personal Settings	
	Restore Defaults	
	Restore from Template	
		Status Inpatient/Outpatient

Figure 5-29: Desktop properties

5. Select **Customize Menus** as displayed in Figure 5-30. Click the plus (+) icon to add and enter a new menu option ED Dashboard as seen in Figure 5-31:

VRPMS-EHR EVERETT, BRIAN E ** CHITD**			
User Design Patient Refresh Data Tools Help eSig Clear Clear a	nd Lock Community Alerts Dosin	g Calculator Rx Print Settings Imaging	
PRIVACY PATIENT CHART RESOUR	RCES RCIS	DIRECT WebMail	D: 0
ration, not selected	EVERETT, BRIAN E		Primary u
No 🐋 POU Pharm Refill "Q" ::::	* Problem List Advs React Medica	ations	tion F
MapReg: 0	Well Child Media Gauss Labor O	Plan	
Active Problem List		Inders Notes Consults/Herefrais Superbil	
	Properties for Desktop		
	Property	Value	
	CAPTION	RPMS-EHR \$(USER.NAME) ** CHITD**	
	FONT	MS Sans Serif	
	HEIGHT	825	
	HELPFILE	VIM.chm	
	ICON	0	Statue
	ICONS		O All (
Vitals	IMAGE	VueCentric.jpg	
	INFOCOLOR		
	POPUPCOLOR		
	POPUPCOLOR2		
	PROGRESSCOLOR	×	
	STATUSCOLOR	×	
	WIDTH	1280	
	Customize Menus	+-~77 &	
Appointments/Visits	99 27 		Т
	ΠΚ	Cancel Applu	
		- apply	

Figure 5-30: Customizing menus

RPMS-EHR EVERETT, BRIAN E ** CHITD**		
User Design Patient Refresh Data Tools Help eSig Clear Clear a	nd Lock Community Alerts Dosir	ng Calculator Rx Print Settings Imaging
PRIVACY PATIENT CHART RESOUR	RCES RCIS	DIRECT WebMail
Patient not selected	Visit not selected EVERETT,BRIAN E	Primar
No Postings Market Pour Pharm Refill "Q"	* Problem List Advs React Medic	ations
Notifiations Cover Sheet Triage Wellness Problem Mngt Prenatal	Well Child Medications Labs C	Irders Notes Consults/Referrals Superbill D/
Active Problem List	Provention for Deviation	Adve
	Properties for Desktop	1
	Property] + - @ 🌶 🖇 🖶 🥄
	CAPTION	↑ ↓ → ←
	FONT	Menu Items
	HEIGHT	Chat
	HELPFILE	Continue
	ICON	Contents Statu
	ICONS	
Vitals	IMAGE	About
	INFOCOLOR	() eSig 유 Clear
	POPUPCOLOR	Clear and Lock
	POPUPCOLOR2	국 Community Alerts - 귀 Dosing Calculator
	PROGRESSCOLOR	Rx Print Settings
	STATUSCOLOR	Rx Printer Preferences
	WIDTH	() Imaging
	Customize Menus	Display
		- ED Dashboard
Appointments/Visits		
	Customize Menus	
	Manages custom menu items.	
	OK	Cancel Apply
	•	

Figure 5-31: Customizing menus cont'd

6. Click the lightning bolt icon in the display. In the **Edit Action** box, put in the path to Microsoft Edge retrieved earlier, followed by a space, -nomerge, another space followed by the regular EHR URL as seen in Figure 5-32, where an example value is given. Replace IP address and PORT values with those appropriate for your site. Replace /csp/bedd/ with the name of the web application set up in the HealthShare System Management portal for the BEDD application.

C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe http://<mark>IPaddress:PORT/</mark> csp/bedd/BEDDLogin.csp?DUZ=\$(user.handle)&SITE=\$(site.handle)&LOC=<mark>SA</mark>

RPMS-EHR EVERETT, BRIAN E ** CHITD**			
User Design Patient Refresh Data Tools Help eSig Clear Clear and Lock Community Alerts Dosing Calculator Rx Print Settings Imaging ED Dashboard			
Patient not selected Primary Care T Visit not selected Primary Care T Prim			
No No Lab Pharm Refill"Q"	* Problem List Advs React Medic.		Action PWH Med
Active Problem List	Well Child Medications Labs 0	inders Notes Consultarmerenais Supe	Adverse Beactio
	Properties for Desktop		
	Property] + - 🛯 🌶 🖇 🖌 📄	
	CAPTION	+ + + +	
	FONT	Menu Items	<u>^</u>
	HEIGHT	Chat	
	HELPFILE	Help	
		Contents	Status
		Xbreak4	All Active
Vitals	IMAGE ED Dashboard	About	
	INFUCULUR DODUDOOL Edit action:		
	POPOPLULI spruuz=susermand	lejw511E=5(site.nandlejwLUU=5.4	
	CTATUCCOI	OK Cancel	
	WIDTH	(A) Imaging	
	Customize Menus	Capture	
		The Display	
Appointments/Visits			Triage S
· · ppontaibilitér + leité			T
Customize Menus			
	Manages custom menu items.		
	ΠΚ	Cancel ápolu	
		прру	

Figure 5-32: Edit action

- 7. Click OK, Save Settings and leave Design mode.
- 8. Click on the new menu option ED Dashboard, and the EDD main screen will display as indicated in Figure 5-33:



Figure 5-33: ED dashboard display

6.0 Application Access and Functionality Setup

BEDD v2.0 Patch 7 contains some additional functionality that possibly requires changes to BEDD setup parameters and security key assignments. It also utilizes a new AMER setup property and two new AMER security keys.

6.1 Warnings

The Patch 7 release implements warnings on the main dashboard display page. EDD administrators can now define their own threshold levels for various wait time categories and can set up warnings to mark when those threshold levels have been met. When a particular threshold level has been met, the patient visit on the main page will highlight that warning with a specified color or symbol. Please see the *User Guide* released with Patch 7 which provides detail on this new functionality.

6.2 BEDD Triage Provider Entry

The Patch 7 release enables sites to capture triage provider information for a patient visit. Since certain sites may not utilize a triage provider, a new setting has been added to the EDD setup page. To select the setting to use, first select the appropriate site from the list of sites in the table at the top. This will enable the new Triage Provider setting (as shown in Figure 6-1). The choices for this property are as follows:

- Hidden (Field Not in Use) This choice hides the Triage Provider entry altogether on the EDD Edit Page.
- **Default As Disabled (Can Be Enabled)** This choice will display the Triage Provider (and Triage Provider Date/Time) fields on the EDD Edit Page, but they will be disabled. If a particular patient does end up being seen by a Triage Provider, the user can select the **Enable** checkbox to the right of the Triage Provider Date/Time field on the EDD Edit Page and the fields will be enabled for data entry.
- Always Enabled This choice will display the Triage Provider (and Triage Provider Date/Time) fields on the EDD Edit Page as always enabled.

It should be noted that the AMER application has its own system parameter to control whether the Triage Provider information is prompted for or not.

Reports	Roo	ms Warning	s DashBoard	Record	cord Lock Setup
ED Dashboard Setup					
	#	ID	SMTPSERVER	*	SiteName
30	1	1		2	2016 DEMO HOSPITAL
	2	2		V	Whiteboard Display
Dashboard System Setup System Preferences ID: SMTPSERVER: Phone: Screen Timeout (in seconds) I					

Figure 6-1: Enabling new Triage Provider settings

6.3 BEDD Custom Column Display

The Patch 7 release enables sites to customize which columns appear in the main dashboard Check-In, Triage, Room Management and Pending Documentation sections. For each section, sites can choose whether to display or hide the Waiting, MSE Wait, and/or the LOS columns.

Custom settings can be adjusted on the ED Dashboard Manager Setup page. To adjust the custom settings, first select the appropriate site from the list of sites in the table at the top. This will enable the new Custom Column Display setting section (as shown in Figure 6-2). For each dashboard section, check the box of any columns that should not appear on the main dashboard page.

Check-In		
Hide Waiting:	Hide MSE Wait:	Hide LOS:
Triage		
Hide Waiting:	Hide MSE Wait:	Hide LOS:
Room Managen	nent	
Hide Waiting:	Hide MSE Wait: ☑	Hide LOS:
Pending Docum	ientation	
Hide Waiting:	Hide MSE Wait:	Hide LOS:

Figure 6-2: Custom column display settings

6.4 BEDD Nurse Display Preferences

Sites have provided feedback on the existing Nurse fields on the main EDD display. Certain sites have nurses with the same last name and similar first names. To avoid confusion on the main EDD display page on what nurse was assigned to which patient, a new choice **Last Name**, **First Name** (as shown in Figure 6-3) has been added to the list of nurse display preferences.

Figure 6-3: New Last Name, First Name choice in the BEDD Nurse Display preferences

6.5 BEDDZREPORTS Security Key

The Patch 7 release of BEDD contains a new BEDDZREPORTS security key. In previous versions of the BEDD application, to access the BEDD reports menu, sites had to assign users the BEDDZMGR security key. While that key did provide access to the reports, it also gave users the ability to modify other setup information in the ED Dashboard such as the setup properties and room definitions. To make the BEDD settings only accessible to the proper use, the Patch 7 release of BEDD contains a new Reports button on the main dashboard page.

Any user assigned the BEDDZREPORTS key (with the BEDDZMGR key removed from their user profile) will now be able to access the reports menu directly and will no longer have access to the BEDD setup sections. Any user with the BEDDZMGR key will still be able to access the Manager button functionality as well as the Reports button menus. After the installation of Patch 7, site administrators should review the list of dashboard users and determine if any users should have access to only the reports menu (and who shouldn't be allowed to modify other BEDD settings). Those users should be assigned to the new BEDDZREPORTS key and, if necessary, have the BEDDZMGR removed from their user profile.

6.6 AMER AMERZNURSE and AMERZPROVIDER Security Keys

The AMER v3.0 Patch 13 release contains the new AMERZNURSE and AMERZPROVIDER security keys. The BEDD application uses these keys to limit the users in the dropdown nurse and provider lists. When Patch 7 is initially installed it will function just like it always has. Nurse and Provider field dropdowns will contain a complete list of system nurses/providers. When a single user is assigned a key, the new dropdown filtering is activated for that user type in the dashboard.

For example, if user **ADAM,ADAM** is assigned the AMERZNURSE security key, in the Triage Nurse field dropdown (shown in Figure 6-4) only that user will display. After the installation of Patch 7, if desired, site administrators should assemble lists of nurses and providers who typically work in the ED. They should then assign those users the appropriate key (or keys) so that only that list of users shows up in the nurse/provider dropdowns. Performing this step will allow EDD users to find the nurse or provider they are looking for more quickly by not having to scroll through a comprehensive list of providers.



Figure 6-4: Sample display of filtered Triage Nurse dropdown

If a user wishes to select someone that does not appear in the list, they can check the **Show All** checkbox next to the dropdown and the original complete list of users will then display as shown in Figure 6-5.



Figure 6-5: Using the Show All checkbox to show all users

Acronym List

Acronym	Meaning
AMER	Emergency Room System
APCD	Patient Care Component PCC Data Entry
BEDD	IHS Emergency Department Dashboard
BJPC	IHS PCC Suite
CIAV	VUECENTRIC FRAMEWORK
CSP	Cache Server Page
DI	FileMan
EDD	Emergency Department Dashboard
EHR	Electronic Health Record
ERS	Emergency Room System
GUI	Graphical User Interface
IHS	Indian Health Service
IIS	Internet Information Services
LEX	Lexicon Utility
RPMS	Resource and Patient Management System
SSL	Secure Sockets Layer
VA	Veterans Administration
ХВ	IHS/VA Utilities
XU	VA Kernel

Contact Information

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

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