



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Prenatal Care Module

(BJPN)

Installation Guide

Version 2.0 Patch 10 IPL Slowness December 2018

Office of Information Technology Division of Information Resource Management Albuquerque, New Mexico

Table of Contents

| 1.0 | Installation Notes | | |
|------|---------------------------|-------------------------------------|----|
| | 1.1 | Contents of Distribution | |
| | 1.2 | Required Resources | 1 |
| | 1.3 | Before You Begin | 1 |
| 2.0 | Installation Instructions | | 2 |
| | 2.1 | Stage 1: DLL File | 2 |
| | 2.2 | Stage 2: VOR File | 2 |
| | 2.3 | Verify the Installation Is Complete | |
| | 2.4 | Fixing Checksum Errors | |
| Acro | nym Li | ist | |
| Cont | act Inf | ormation | 11 |

1.0 Installation Notes

This document contains details on the fix for CR_9957 - EHR - IPL - Issues with Slowness.

Prefix:BJPNCurrent Version:2.0 Patch 10

1.1 Contents of Distribution

Table 1-1: Distribution files and descriptions

| File | Description |
|------------------------------------|--|
| bjpn0200.10i_IPL_Slowness.pdf | Installation Guide |
| IHS.PN.EHR.PrenatalProblemList.vor | Object File for Prenatal Problem List (EHR) |
| IHS.PN.EHR.PrenatalProblemList.dll | DLL file (EHR), Version 2.0.10.4 |
| BEHPovCvg.vor | Object File for BEHPovCvg (EHR) – provides access to IPL functionality for Prenatal |
| BEHPovCvg.dll | DLL file (EHR), Version 1.1.0.4 |

1.2 Required Resources

- EHR v1.1 patch 24
- BJPN 2.0 patch 10

1.3 Before You Begin

Electronic Health Record (EHR) and Resource and Patient Management System (RPMS) users are not required to log off of the system during the installation process. The EHR client will not update for any users who are logged on during installation; those users will need to restart EHR after installation is complete to update.

Installation will require administrator access to the VueCentric System Management Utility (also called VCManager).

2.0 Installation Instructions

The EHR installation procedure includes the following two stages:

- 1. Adding the .dll files to the lib folder on the EHR network share
 - IHS.PN.EHR.PrenatalProblemList.dll
 - BEHPovCvg.dll
- 2. Importing the .vor files to VueCentric Object Registry
 - IHS.PN.EHR.PrenatalProblemList.vor
 - BEHPovCvg.vor

2.1 Stage 1: DLL File

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

- IHS.PN.EHR.PrenatalProblemList.dll
- BEHPovCvg.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.

2.2 Stage 2: VOR File

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

| 🗩 VueCentric System Management | | _ | \times |
|--|------------------------------------|---|----------|
| File Help | | | |
| About Object Registry Template Registr | y Site Parameters Shutdown Monitor | | |
| About Object Registry Template Registr Objects (161): BEHALERTS.ALERTS BEHANTICOAG.BEHANTICOAG BEHARTENTRY.ARTENTRY BEHC32SERVICE.BEHC32TCPSERVICE BEHCCDA.CCDACTRL BEHCCDC32.BEHC32BUTTON BEHC32BUTTON BEHC32B | y Site Parameters Shutdown Monitor | | |
| | | | |

Figure 2-1: VueCentric System Management window

- 2. Select the **Object Registry** tab.
- 3. Go to **File** | **Import**.
- 4. Select the new **IHS.PN.EHR.PrenatalProblemList.vor** file and click **Open** to import. Click the **Apply** button to confirm the changes.

| 8 | VueCentric S | System Manag | ement | _ | D X |
|--|---------------|--------------------|----------------------------------|--------------------|----------|
| File Help About Object Registry Te | | Cito Poromotoro V | Shutdoum Monitor | | |
| Objects (159): | 8 | | Import Object Registration | on | x |
| FILE:INFRAGISTICS2.WIN.U FILE:INFRAGISTICS2.WIN.U | Look in: | 🎉 bjpn0200.10 | ıf1 ∿ | · 🗿 🏂 📂 🎞 - | |
| FILE:INFRAGISTICS2.WIN.U FILE:INFRAGISTICS2.WIN.U | An | Name | ^ | Date modified | Туре |
| FILE:INFRAGISTICS2.WIN.V | 2 | BEHPovCvg | | 6/13/2018 11:37 AM | VOR File |
| FILE:INFRAGISTICS2.WIN.V | Recent places | IHS.PN.EHR | .PrenatalProblemList | 6/13/2018 11:36 AM | VOR File |
| FILE:MSCOMCT2.0CX FILE:RICHTEXTB0XPRINTC | | | | | |
| FILE: TABCTL32.0CX FILE: VB SPLITTER OCX | Desktop | | | | |
| FILE:VSFLEX8L.0CX | | | | | |
| IHS.IMAGINGVIEWER | | | | | |
| IHS.PN.EHR.PRENATALPRE IHS.WCM.EHR.ASQ.ASQCOL | Libraries | | | | |
| Restrict List To: | | | | | |
| ✓ VueCentric Registry | This PC | | | | |
| | | | | | |
| | Network | < | Ш | | > |
| | IVELWORK | File <u>n</u> ame: | IHS.PN.EHR.PrenatalProblemLis | t v | Open |
| | | Files of type: | Object Registration File (*.vor) | × | Cancel |
| Refresh All | | | | | |

Figure 2-2: Import Object Registration window

5. Go to File | Import.

6. Select the new **BEHPovCvg.vor** file and click **Open** to import. Click the **Apply** button to confirm the changes.

2.3 Verify the Installation Is Complete

- 1. Verify the installation using EHR; start EHR on a client machine.
 - a. Select a female patient.
 - b. Open Prenatal.
 - c. Hover over **Pregnancy Issues and Problems** (PIP); the current version will display: **PIP Ver: 2.0.10.4** (Figure 2-3).



Figure 2-3: Prenatal tab – Pregnancy Issues and Problems

- 2. Check the file properties in the EHR local repository: C:\Program Files (x86)\VueCentric**environment name**\.
 - a. Find the file in the directory.
 - b. Right-click the file name and select **Properties** from the context menu (Figure 2-4).



Figure 2-4: Right-click a file to display the context menu; select Properties

c. The file **Properties** window displays. Click the **Details** tab (Figure 2-5).

| IHS.PN.EHR.PrenatalProblemList.dll Properties | | | | |
|---|---|--|--|--|
| General Securi | Details revious Versions | | | |
| | IHS.PN.EHR.PrenatalProblemList.dll | | | |
| Type of file: | Application extension (.dll) | | | |
| Opens with: | Unknown application Change | | | |
| Location: | C:\Program Files (x86)\VueCentric\E3F8Q2T | | | |
| Size: | 502 KB (514,560 bytes) | | | |
| Size on disk: | 504 KB (516,096 bytes) | | | |
| Created: | Friday, April 20, 2018, 12:37:25 PM | | | |
| Modified: | Wednesday, June 13, 2018, 1:15:10 PM | | | |
| Accessed: | Yesterday, October 2, 2018, 1:35:05 PM | | | |
| Attributes: | Read-only Hidden Advanced | | | |
| | | | | |
| | OK Cancel Apply | | | |

Figure 2-5: Properties window

- d. Verify the product version matches.
 - **IHS.PN.EHR.PrenatalProblemList.dll**: Product version: 2.0.10.4. See Figure 2-6.

| 4 | IHS.PN.EHR.Pre | enatalProblemList.dll Properties | \times |
|--|-----------------------------------|------------------------------------|----------|
| G | eneral Security | Details Previous Versions | |
| | Property | Value | |
| | Description – File description | IHS.PN.EHR.PrenatalProblemList | |
| | Type File version | Application extension 2.0.10.4 | |
| | Product name | IHS.PN.EHR.PrenatalProblemList | |
| | Product version Copyright | 2.0.10.4 | |
| | Size | 529 KB | |
| | Language | Language Neutral | |
| | Original filename | IHS.PN.EHR.PrenatalProblemList.dll | |
| | | | |
| | | | |
| | | | |
| | | | |
| Remove Properties and Personal Information | | | |
| | | OK Cancel Apply | |

Figure 2-6: IHS.PN.EHR.PrenatalProblemList.dll Properties – Details tab

• **BEHPovCvg.dll**: Product version 1.1.0.4. See Figure 2-7.

| Property | Value |
|-------------------|-------------------------------------|
| Description - | |
| File description | BEHPovCvg |
| Туре | Application extension |
| File version | 1.1.0.4 |
| Product name | BEHPovCvg |
| Product version | 1.1.0.4 |
| Copyright | Copyright Medsphere Systems Corp 2 |
| Size | 1.00 MB |
| Date modified | 10/19/2018 12:57 PM |
| Language | Language Neutral |
| Original filename | BEHPovCvg.dll |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Figure 2-7: BEHPovCvg Properties – Details tab

2.4 Fixing Checksum Errors

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

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

| 🕅 VueCentri | ic System Management [10.80.132.203 - F8Q2D] - 🗖 🗙 |
|---|--|
| File Help About Object Registry Template Registry Objects (159): FILE:TABCTL32.0CX FILE:VS SPLITTER.0CX FILE:VSFLEX8L.0CX IHS.IMAGINGVIEWER IHS.PN.EHR.PRENATALPROBLEMLIST IHS.WCM.EHR.PRENATALPROBLEMLIST IHS.WCM.EHR.REMINDERS.REMINDEF IHS.BOOACTIVITYTIME.IHSBGOACTTIM IHSBGOACTIVITYTIME.IHSBGOACTTIM IHSBGOCONTAINER.BGOCONTAINER IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSBGOEXAMS.BGOEXAMS IHSCOMENT List To: IMACLEST IMACLEST IHSEGOEXAMS.BGOESTAMS IHSEGOEXAMS.BGOEXAMS | Site Parameters Shutdown Monitor COM Registration Programmatic ID: IHS.PN.EHR.PRENATALPROBLEMLIST.PIPCOMPONENT Copy Version: Source: 2.0.10.4 IHS.PN.EHR.PrenatalProblemList.dll Unregister VueCentric Settings General Lofo Technical Lofo Property Initializations Denendencies Required Eiles Security Aliases General Settings Special Settings Categories Serializable Properties Source: IHS.PN.EHR.PrenatalProblemList.dll Name: Pregnancy Issues and Problems List Class ID: (B5416178-ECD8-4515-A700-2980BCAA6CAA) Checksum: IF65E48A72FA0FF8609852E282AE264F Vidth: 2.0.10.4 300 640 |
| Refresh All | Refresh Apply Delete Retrieve Print |

Figure 2-8: Object Registry, General Settings in VueCentric System Management

- 3. Go to **File** | **Import**.
- 4. Select the IHS.PN.EHR.PrenatalProblemList.vor file and click to import.
- 5. Click 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. Go to **File** | **Import**.
- 8. Select the **BEHPovCvg.vor** file and click to import.
- 9. Click 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.
- 10. Click **Apply** to save the information.
- 11. Close the VueCentric application when finished.

Acronym List

| Acronym | Term Meaning |
|---------|--|
| EHR | Electronic Health Record |
| IHS | Indian Health Service |
| IPL | Integrated Problem List |
| OIT | Office of Information Technology |
| PIP | Pregnancy Issues and Problems |
| RPMS | Resource and Patient Management System |

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

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

Web: <u>https://www.ihs.gov/helpdesk/</u>

Email: <u>support@ihs.gov</u>