

RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **Behavioral Health System**

(AMH)

## **Installation Guide and Release Notes**

Version 4.0 Patch 13  
October 2026

# Table of Contents

|                                  |                                                                                   |           |
|----------------------------------|-----------------------------------------------------------------------------------|-----------|
| <b>1.0</b>                       | <b>Release Notes .....</b>                                                        | <b>1</b>  |
| <b>2.0</b>                       | <b>Installation Notes .....</b>                                                   | <b>2</b>  |
| 2.1                              | Contents of Distribution .....                                                    | 2         |
| 2.1.1                            | Required Resources .....                                                          | 2         |
| 2.2                              | Visual Behavioral Health (GUI) Distribution Contents and Required Resources ..... | 2         |
| 2.2.1                            | Contents of GUI Behavioral Distribution .....                                     | 2         |
| 2.2.2                            | Required Resources for GUI CRS .....                                              | 3         |
| 2.3                              | Before You Begin: Installation Issues .....                                       | 3         |
| <b>3.0</b>                       | <b>Installation Instructions .....</b>                                            | <b>4</b>  |
| 3.1                              | Pre-installation Instructions .....                                               | 4         |
| 3.2                              | Installation Instructions .....                                                   | 6         |
| 3.3                              | Installation of the Behavioral Health GUI .....                                   | 7         |
| 3.3.1                            | Installation on the RPMS Server .....                                             | 7         |
| 3.3.2                            | Installation on Each User's (Client) PC .....                                     | 7         |
| <b>4.0</b>                       | <b>Sample Installation .....</b>                                                  | <b>8</b>  |
| 4.1                              | Sample Install.....                                                               | 8         |
| <b>5.0</b>                       | <b>Installation Configuration .....</b>                                           | <b>12</b> |
| 5.1                              | Post-Installation.....                                                            | 12        |
| 5.1.1                            | BCOM - IHS COMMUNICATION SUPPORT .....                                            | 12        |
| <b>Acronym List.....</b>         |                                                                                   | <b>15</b> |
| <b>Contact Information .....</b> |                                                                                   | <b>16</b> |

## Preface

This document contains the installation instructions for the Behavioral Health System (AMH) v4.0 p13. In addition to other features and enhancements, the export of data to the Data Warehouse is being moved from using SendTo to using the IHS Communication Support package (BCOM).

|                                                                      |
|----------------------------------------------------------------------|
| <b>Note:</b> There are pre-installation steps that must be followed. |
|----------------------------------------------------------------------|

## 1.0 Release Notes

Behavioral HealthSystem (AMH) v4.0 p13 contains the following features.

Table 1-1: Patch Features and Descriptions

| Feature / CR ID | Description                                                             |
|-----------------|-------------------------------------------------------------------------|
| 110742          | AMH: Use BCOM Instead of SendTo                                         |
| 117769          | AMH: Suicide Reporting Form/Report Modifications                        |
| 120287          | AMH: Modifications to Reports                                           |
| 73758           | AMH: Modifications to Individual Visit Data Entry                       |
| 111764          | AMH: Test/Prod Flag in Outgoing Messages                                |
| 111235          | AMH: 2025 DSM-5-TR Codes Update                                         |
| 128972          | AMH (R&S): New Site Parameters for Co-Signature                         |
| 74804           | AMH (GUI): Add Co-Signature to Individual and Group Visit Functionality |

## 2.0 Installation Notes

**Prefix:** AMH

**Current Version:** 4.0 p13

### 2.1 Contents of Distribution

Table 2-1: Contents of Distribution

| File                              | Description                                                               |
|-----------------------------------|---------------------------------------------------------------------------|
| amh_0400.13b                      | Global File                                                               |
| amh_0400.13k                      | Version 4.0 Patch 13 KIDS Installation File                               |
| amh_0400.13client.zip             | GUI Client                                                                |
| amh_0400.13i.pdf                  | Installation Guide and Release Notes                                      |
| amh_0400.13t.pdf                  | Technical Manual                                                          |
| amh_0400.13o_Manager_Uilities.pdf | Behavioral Health System Part 1, Application Set-up and Manager Utilities |
| amh_0400.13o_Data_Entry.pdf       | Behavioral Health System Part 2, AMH Data Entry                           |
| amh_0400.13o_Reports.pdf          | Behavioral Health System Part 3, AMH Data Reports                         |

#### 2.1.1 Required Resources

- Kernel v8.0 p1018 (XU\*8.0\*1018) or later.
- FileMan v22.0 p1018 (DI\*22.0\*1018) or later.
- AMH v4.0 patch 12 (amh\*4.0\*12) (amh\_0400.12k)
- IHS Communications Support v1.0 (BCOM\*1.0)

### 2.2 Visual Behavioral Health (GUI) Distribution Contents and Required Resources

#### 2.2.1 Contents of GUI Behavioral Distribution

- amh\_0400.13client.zip

The following two files are contained in the zip file:

- amh\_0400.13setup.exe
- amh\_0400.13.msi

## 2.2.2 Required Resources for GUI CRS

Additional requirements for installing and using Visual Behavioral Health on a client's PC:

- On the RPMS Server:
  - BMX v4.0
- AMH v4.0 patch 13 (amh\*4.0\*13) (amh\_0400.13k)
- On the Client (User's) PC:
  - Windows XP Service Pack 3 or higher
  - Crystal Reports Version 13 Service Pack 30
  - .NET Framework v4.0

## 2.3 Before You Begin: Installation Issues

1. Make a copy of this distribution for offline storage.
2. Print all notes and readme files.
3. Capture the terminal output during the installation to ensure an audit trail if any problems arise.

## 3.0 Installation Instructions

### 3.1 Pre-installation Instructions

For Patch 13, because the Behavioral Health System export to the national database is being moved from using SendTo to using the IHS Communication Support package (BCOM), you must:

1. Check to see if there is a folder in the export directory called “archive”. To determine what the export folder is, using FileMan’s inquire option, go to the RPMS SITE file and check what the FILE EXPORT PATH is.

```
Select OPTION: INQUIRE TO FILE ENTRIES
OUTPUT FROM WHAT FILE: LOCATION// RPMS SITE      (1 entry)
Select RPMS SITE LOCATION NAME:      DEMO HOSPITAL (INST)
ANOTHER ONE:
STANDARD CAPTIONED OUTPUT? Yes//      (Yes)
Include COMPUTED fields:  (N/Y/R/B): NO//  - No record number (IEN), no Computed
Fields

NUMBER: 1                                LOCATION NAME: DEMO HOSPITAL (INST)
  PATIENT CARE COMPONENT PRESENT: YES    UNIVERSAL LOOKUP FOR VISITS: ALLOWED
  THIRD-PARTY BILLING PRESENT: YES        QMAN RUNNING: Y
  OPERATING SYSTEM: DOS                   PCC FILE 200 CONVERSION: YES
  DATE PCC VISIT RELINKER RUN: MAR 12, 2025
  FILE IMPORT PATH: G:\IMPORT             FILE EXPORT PATH: G:\EXPORT\
  LEAD DIGITS FOR RECORD IDS: 23210
```

Figure 3-1: RPMS SITE Data

List the contents of the export directory (in this case G:\) and check for folder called “archive”.

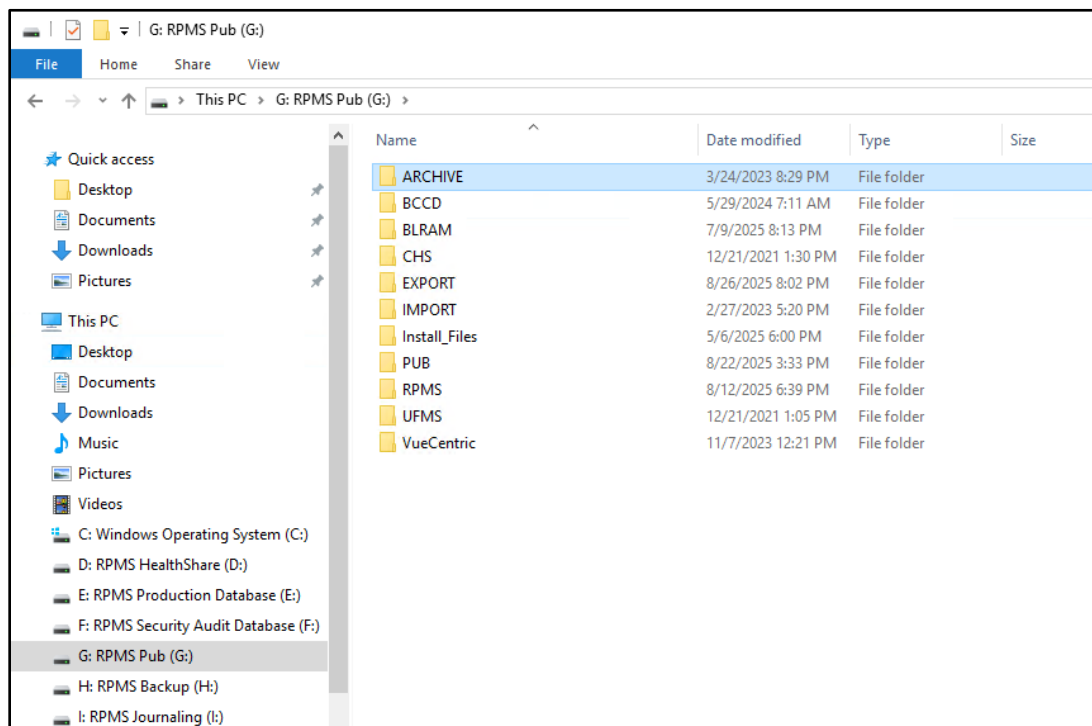


Figure 3-2: RPMS SITE Export Directory

**Note:** If the archive folder already exists, you can SKIP STEP #2 and continue to STEP #3.

2. If the folder does not exist, **you must create one**. The archive folder should be a folder in the FILE EXPORT PATH directory. For example, the archive folder (from above) should be in the same folder as the EXPORT directory, e.g. G:\archive. If the FILE EXPORT PATH is /usr4/pub/export, the archive folder should be /usr4/pub/archive.
3. If your site has received confirmation from NDW that all the files that start with BHSX that exist in your export directory were previously transmitted and received, and your site does not want to resend the files again which will replace the earlier transmission, then move all those files that start with BHSX from the export folder to the archive folder. This will ensure that only newly generated BHSX files will be transmitted once the patch is installed.

Otherwise, SKIP STEP #3.

a. For Windows:

- Open the file export folder (in this example, G:\EXPORT)

- In the search box type BHSX\*
  - When the list comes up you can use CTRL A to highlight/select all of the files
  - Right click and use CUT to remove the files
  - Open the archive folder (G:\archive)
  - Right click to PASTE the files into the archive folder.
- b. For AIX, go to the file export folder (in this example, /usr4/pub/export), use the mv command to move the files to newly created archive folder:
- **mv BHSX\* /usr4/pub/archive**

**Note:** Use the directory for your facility.

## 3.2 Installation Instructions

**Note:** This installation is a KIDS install. For any questions on how to do a KIDS installation, please contact your Area Office information systems support personnel.

In all namespaces running the Behavioral HealthSystem:

1. Load global build file amh\_0400.13b. This is the global build file.
  - a. Load the distribution into KIDS using **Option 1** on the **KIDS Installation menu**. The distribution was released in a file named **amh\_0400.13b**.
2. Install **amh\_0400.13k**. This is the KIDS file for the IHS Behavioral Health:
  - a. Load the distribution into KIDS using **Option 1** on the **KIDS Installation menu**. The distribution was released in a file named **amh\_0400.13k**.
  - b. Verify the load using **Option 2** on the **KIDS Installation** menu.
  - c. Consider using **Options 3** and **4** on the **KIDS Installation** menu to print and compare the Transport global.
  - d. Install the distribution using **Option 6** on the **Installation** menu.
  - e. To see results, use the **KIDS Install File Print** option to view/print the AMH\*4.0\*13.

**Note:** For assistance with a KIDS install, call the Area Office support personnel.

Proceed to Section 5.0 for further information and setup instructions.

**Note:** Please read the Post-Installation notes for more information.

### 3.3 Installation of the Behavioral Health GUI

#### 3.3.1 Installation on the RPMS Server

1. Make sure **BMX v4.0** is installed in **RPMS** on the **RPMS** server.
2. Make sure **amh v4.0 patch 13 (amh\*4.00\*13)** is installed in **RPMS** on the **RPMS** server. (See instructions above.)
3. Assign option **AMHGRPC** as a secondary menu option with a synonym of **AMH** for each user.
4. Assign option **BMXRPC** as a secondary menu option with a synonym of **BMX** for each user.

#### 3.3.2 Installation on Each User's (Client) PC

1. Place the **amh\_0400.13client.zip** into a directory of your choice and unzip the file.
2. You will have 2 files:
  - a. amh\_0400.13.msi
  - b. amh\_0400.13setup.exe
3. Double Click amh\_0400.13setup.exe that was distributed with the Behavioral Health System client.
4. Follow the prompts on the Behavioral Health Setup Screens, taking the defaults.

## 4.0 Sample Installation

### 4.1 Sample Install

```
CMBB>D ^XPKDRN

KIDS 8.0

Select KIDS OPTION: LOAD A DISTRIBUTION
Enter a Host File: g:\pub\amh\p13\i1\amh_0400.13b

KIDS Distribution saved on Jul 30, 2025@07:50:38
Comment: AMH 4.0 Patch 13 Global

This Distribution contains Transport Globals for the following Package(s):
Build AMH GLOBAL *4.0*13 has been loaded before, here is when:
    AMH GLOBAL *4.0*13    Install Completed
                        was loaded on May 14, 2026@12:14:38
    AMH GLOBAL *4.0*13    Install Completed
                        was loaded on May 14, 2026@12:59:54
OK to continue with Load? NO// y YES

Distribution OK!

This is a Global Distribution. It contains Global(s) that will
update your system at this time. The following Global(s) will be installed:

^AMHBCOM    Replace
**WARNING - Global will be KILLED before install,
Check global protection on ALL systems before continuing.

If you continue with the Load, the Global(s) will be
Installed at this time.

Want to Continue with Load? YES//
Loading Distribution...

    AMH GLOBAL *4.0*13

Globals will now be installed, OK? YES//

Install Started for AMH GLOBAL *4.0*13 :
    May 14, 2026@14:54:33

Installing Globals:

^AMHBCOM
    May 14, 2026@14:54:33

Updating KIDS files...

No link to PACKAGE file

NO Install Message sent to FORUM
```

```
AMH GLOBAL *4.0*13 Installed.
      May 14, 2026@14:54:33

CMBB>D ^XPDKRN

KIDS 8.0

Select KIDS OPTION: LOAD A DISTRIBUTION
Enter a Host File: g:\pub\amh\p13\i1\amh_0400.13k

KIDS Distribution saved on May 14, 2026@14:38:46
Comment: BEHAVIORAL HEALTH V4.0 PATCH 13

This Distribution contains Transport Globals for the following Package(s):
Build AMH*4.0*13 has been loaded before, here is when:
      AMH*4.0*13      Install Completed
                      was loaded on May 14, 2026@12:15:16
      AMH*4.0*13      Install Completed
                      was loaded on May 14, 2026@13:00:29
OK to continue with Load? NO// y  YES

Distribution OK!

Want to Continue with Load? YES//
Loading Distribution...

Build AMH*4.0*13 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
      AMH*4.0*13
Will first run the Environment Check Routine, AMH40P13

      Patch "XU*8.0*1018" is Present.
      Patch "DI*22.0*1018" is Present.
      Requires AMH v4.0....Present.
      Patch "AMH*4.0*12" is Present.
      Requires BCOM v1.0....Present.

Use INSTALL NAME: AMH*4.0*13 to install this Distribution.

CMBB>D ^XPDKRN

KIDS 8.0

Select KIDS OPTION: INSTALL PACKAGE(S)
Select INSTALL NAME:      AMH*4.0*13      Loaded from Distribution      5/14/26@14:54
:58
      => BEHAVIORAL HEALTH V4.0 PATCH 13      ;Created on May 14, 2026@14:38:46

This Distribution was loaded on May 14, 2026@14:54:58 with header of
      BEHAVIORAL HEALTH V4.0 PATCH 13      ;Created on May 14, 2026@14:38:46
It consisted of the following Install(s):
      AMH*4.0*13
Checking Install for Package AMH*4.0*13
Will first run the Environment Check Routine, AMH40P13

      Patch "XU*8.0*1018" is Present.
      Patch "DI*22.0*1018" is Present.
      Requires AMH v4.0....Present.
      Patch "AMH*4.0*12" is Present.
```

# Installation Guide and Release Notes

## October 2026

```
Install Started for AMH*4.0*13 :  
    May 14, 2026@14:55:09  
  
Build Distribution Date: May 14, 2026  
  
Installing Routines:  
    May 14, 2026@14:55:09  
  
Running Pre-Install Routine: PRE^AMH40P13  
  
Installing Data Dictionaries: .  
    May 14, 2026@14:55:09  
  
Installing Data:  
    May 14, 2026@14:55:09  
  
Installing PACKAGE COMPONENTS:  
  
Installing FORM  
  
Installing PROTOCOL  
  
Installing REMOTE PROCEDURE  
  
Installing LIST TEMPLATE  
  
Installing OPTION  
    May 14, 2026@14:55:09  
  
Running Post-Install Routine: POST^AMH40P13  
    Adding codes.  
.G35.D  
  
Now setting up the BCOM production for AMH...  
  
Checking production...  
Adding 'GetAMH' business service... already exists  
Adding 'SendAMH' business operation... already exists  
Applying AMH production settings...  
  
Updating Routine file...  
  
Updating KIDS files...  
  
AMH*4.0*13 Installed.  
    May 14, 2026@14:55:09  
  
Not a VA primary domain  
  
Install Completed
```

Figure 4-1: Installation Completed

## 5.0 Installation Configuration

### 5.1 Post-Installation

#### 5.1.1 BCOM - IHS COMMUNICATION SUPPORT

During the post-install process, two new BCOM business objects are set up to transmit the Behavioral Health (BH) export to the National Data Warehouse (NDW) maintained by the National Patient Information Reporting System (NPIRS) Team. Previously, the files transmitted via the SendTo process. The two new business objects are called GetAMH and SendAMH.

If you would like to review the new Business Operations, sign on to the Management Portal to confirm that the new AMH processes have been set up. Look to the right and see that BCOM namespace is **Running**. For example, the test namespace is CMBC. Click **View details**.

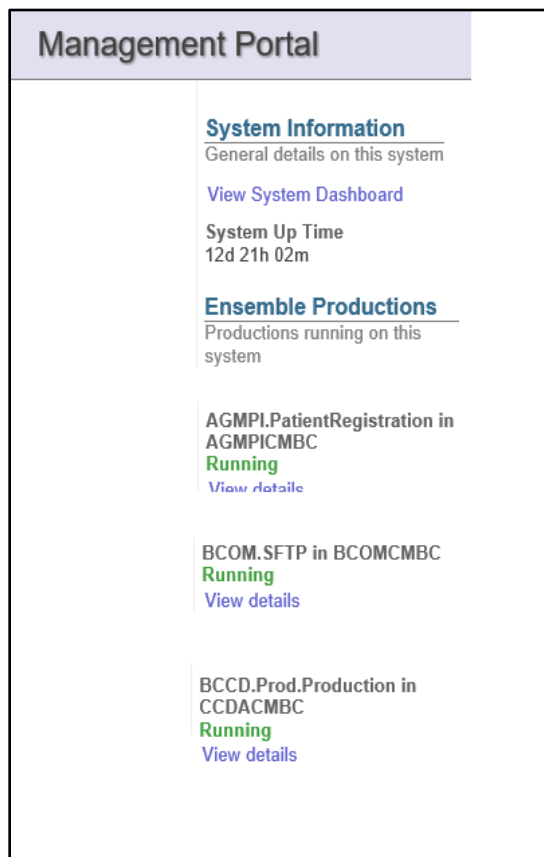


Figure 5-1: Management Portal

After the production is opened, confirm that the GetAMH and SendAMH business objects were created.

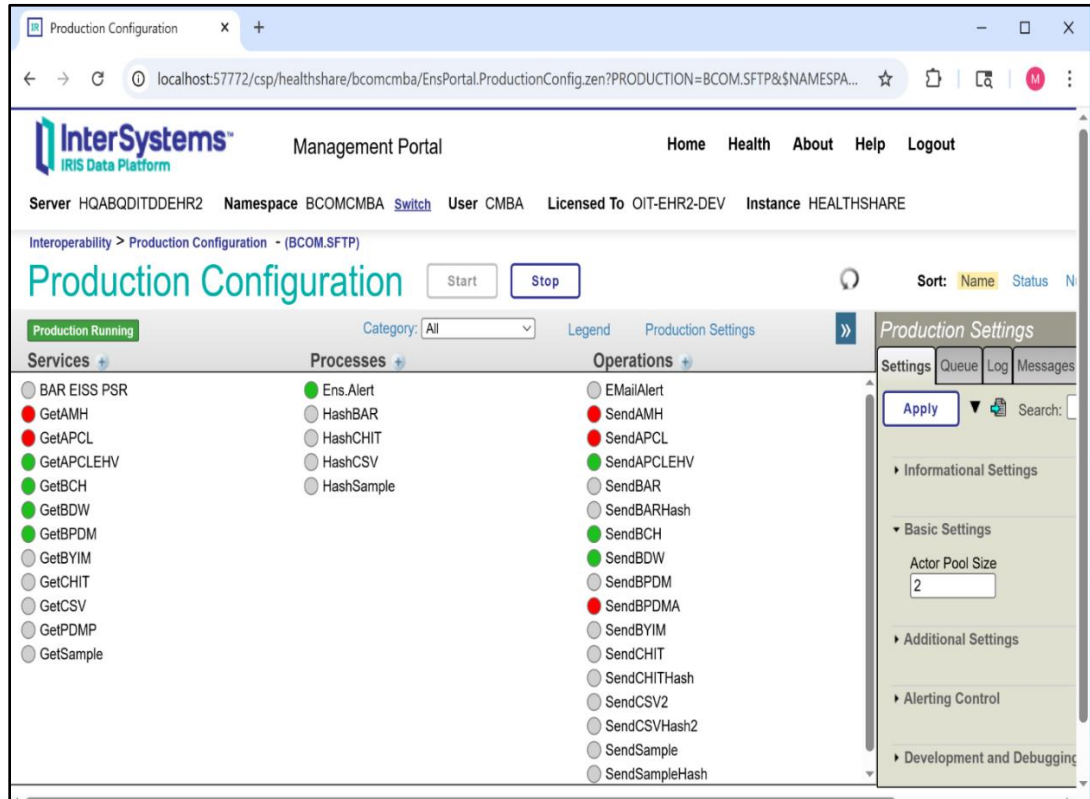


Figure 5-2: Update Setup

Check the GetAMH settings to make sure the Export and Achieve folder path is the same as identified per Pre-installation Instructions in Section 3.1.

Using FileMan's inquire option, go to the RPMS SITE file and check what the FILE EXPORT PATH is.

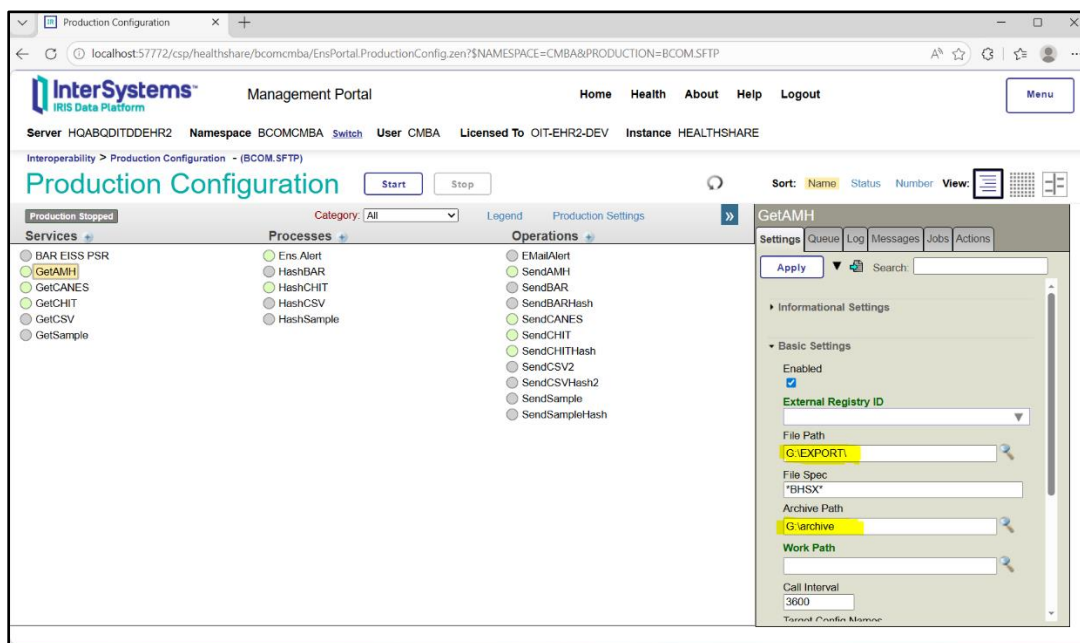


Figure 5-3: RPMS File Export Path

## Acronym List

| Acronym | Meaning                                       |
|---------|-----------------------------------------------|
| AMH     | Behavioral Health namespace                   |
| BCOM    | IHS Communication Support namespace           |
| BH      | Behavioral Health application                 |
| NDW     | National Data Warehouse                       |
| NPIRS   | National Patient Information Reporting System |
| RPMS    | Resource and Patient Management System        |
| XB      | IHS/VA Utilities Namespace                    |
| XU      | VA Kernel Namespace                           |

## Contact Information

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

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

**Web:** <https://www.ihs.gov/itsupport/>

**Email:** [itsupport@ihs.gov](mailto:itsupport@ihs.gov)