



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Computerized Public Health Activity Data System (CPHAD)

(BNI)

Installation Guide and Release Notes

Version 1.0
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Office of Information Technology (OIT)
Division of Information Resource Management
Albuquerque, New Mexico

Preface

This manual contains the installation guide and release notes for the Computerized Public Health Activity Data System (CPHAD) version 1.0

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1.0 Installation Notes

Prefix: BNI

Current Version: 1.0

Note: Read the entire Notes File prior to attempting any Installation.

1.1 General Information

Make a copy of this distribution for off-line storage. Print all notes/readme files.

It is recommended that the terminal output during the installation be captured using an auxport printer attached to the terminal at which you are performing the software installation. This will insure a printed audit trail if any problems should arise.

Critical Notes

This distribution of the Computerized Public Health Activity Data System (CPHAD) contains Version 1.0 of CPHAD and the Graphical User Interface (GUI) front end to the CPHAD system. You can install just the backend (i.e. the “roll and scroll”) version 1.0 of the package or you can install both. There is no requirement to install the GUI front end.

Please install version 1.0 of CPHAD (bni_0100.k) at all sites regardless of whether the site opts to install and use the GUI portion of the package. Version 1.0 of CPHAD and the GUI front end have different requirements so please take note of the requirements section for each piece of the software.

1.2 Contents of Distribution

- bni_0100.k — Kids file containing software
- bni_010i.pdf — Installation Guide and Release Notes in PDF format (this manual)
- bni_010t.pdf — Technical Manual in PDF format
- bni_010u.pdf — User Manual in PDF format
- bni10client.zip — GUI software for the client PC

1.3 Requirements

- Kernel (XU) v8.0 or higher
- FileMan (DI) v21 or higher

1.4 Contents of Distribution for GUI Interface

- bni10client.zip — GUI software for the client PC
 - bni10setup.exe
 - bni10.msi

1.5 Requirements for GUI Interface

If you are planning to install and use the GUI CPHAD, the following are additional requirements. If you are *not* planning on using the GUI you may ignore these requirements:

On the RPMS Server

- Cache
- BMX Version 1.0
- Computerized Public Health Activity Data System V1.0 (CPHAD) (installation instructions provided above)

On the User's (Client) PC

- Windows XP Service Pack 2 or Higher
- Microsoft Word 2003 or higher

<p>Note: Microsoft Word 2003 or higher is required if you will be using the reports within the package. This is not required for entering data.</p>
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2.0 Installation Instructions

This distribution of the Computerized Public Health Activity Data System (CPHAD) contains Version 1.0 of CPHAD and the Graphical User Interface (GUI) front end to the CPHAD system.

2.1 Choose What You Will Install

- You can install just the backend (i.e. the “roll and scroll”) version 1.0 of the package.
- You can install both.
- There is no requirement to install the GUI front end.
- *Please install version 1.0 of CPHAD (bni_0100.k) at all sites regardless of whether the site opts to install and use the GUI portion of the package.*
- Version 1.0 of CPHAD and the GUI front end have different requirements so please take note of the requirements section for each piece of the software.

2.2 Steps

Follow the steps below for all UCIs running the Computerized Public Health Activity Data System:

1. Ensure that users are unable to use the Computerized Public Health Activity Data System for the duration of this installation. Installation takes approximately 5 minutes.
2. Save all routines (^%RS (MSM) or ^%RO (CACHE)) and globals (^%GS (MSM) or ^%GO (CACHE) in the BNI* namespace for use in returning to your existing version, if needed.

Note If this is a first time install, there will be no routines or globals in this namespace.

3. Delete all routines (^%RDEL(MSM) or ^%RDELETE(CACHE)) in the BNI namespace (if any exist).

Note This installation is a KIDS install. If you have any questions on how to do a KIDS installation, please contact your Area information systems support personnel.

4. Install bni_0100.k. This file is the KIDS file for the Computerized Public Health Activity Data System (CPHAD).
5. Assign security keys as appropriate per the following table:

Name	Descriptive Name	Description
BNIZMENU	BNI MAIN MENU - CPHAD	This key unlocks the main CPHAD menu. It should be assigned to all users who need to user CPHAD.

Note: If you are *not* planning to install the GUI front end then you are finished.

2.3 Installation of the CPHAD GUI

2.3.1 On the RPMS Server

1. Make sure BMX Version 1.0 has been installed in RPMS on the RPMS Server.
2. Make sure CPHAD Version 1.0 has been installed in RPMS on the RPMS server. (See instructions above.)
3. Assign option BMXRPC as a secondary menu option with a synonym of **BMX** for each user who will be using the GUI front end to CPHAD.
4. Assign option BNIRPC as a secondary menu option with a synonym of BNI for each user who will be using the GUI front end to CPHAD.
5. Setup port 10909 as the port to listen for the GUI connection. Please note that if you have already done this with a previous CPHAD installation this step is *not necessary*.

Note: If you are running in multiple namespaces on the same machine you will need to use a different port for each namespace. Start at **10910** and increment for each namespace.

- a. From menu **BMXMENU** choose *Edit*, type in **10909** as the port number or the port you designated if you are on a multiple namespace machine and respond to the questions as seen below:

```

EDIT   Add/Edit BMXNet Monitor Entries
STRT   Start All BMXNet Monitors
STOP   Stop All BMXNet Monitors
Select BMXNET MENU Option: EDIT   Add/Edit BMXNet Monitor Entries

Select BMXNET MONITOR PORT: 10909
Are you adding '10909' as a new BMXNET MONITOR (the 1ST)? No// Y (Yes)
PORT: 10909//
ENABLED: YES
INTEGRATED SECURITY: NO
SESSION NAMESPACE: (leave this blank)

```

Figure 2-1: BMXMENU menu screen

- b. Select the STRT option to start the listener

- c. In the TaskMan, schedule option **BMX MONITOR START** as a startup option if it is not already scheduled. Answer “S” to the special queuing prompt when scheduling this option. You do not need to fill in any other prompt. (Please note that if you have already done this with a previous CPHAD installation this step is not necessary.)

```

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

Select TaskMan Management Option: Schedule/Unschedule Options

Select OPTION to schedule or reschedule: BMX MONITOR START

Menu Text: Start All BMXNet Monitors                TASK ID:
-----
QUEUED TO RUN AT WHAT TIME:

DEVICE FOR QUEUED JOB OUTPUT:

QUEUED TO RUN ON VOLUME SET:

RESCHEDULING FREQUENCY:

TASK PARAMETERS:

SPECIAL QUEUEING: STARTUP

-----
Exit      Save      Next Page      Refresh

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

```

Figure 2-2: TaskMan option scheduling screenshot

2.3.2 On Each User's (Client) PC

1. Unzip **bni10client.zip** into a directory of your choice on the client's PC. You will have two files:
 - bni10setup.exe
 - bni10.msi
2. If you already have Visual CPHAD installed, remove the previously installed Visual CPHAD:
 - Go to Control Panel
 - Then Add/Remove Programs

- Then remove Visual CPHAD
3. Double Click *bni10setup.exe* that was distributed with Visual CPHAD, if asked, accept the License Agreement, and follow the instructions for downloading and installing *Microsoft .Net Framework 2.0* (this will only happen if you have not previously downloaded the final released version of Microsoft.Net Framework 2.0), this step takes approximately 20-30 minutes when a DSL connection is used.
 4. Follow the prompts on the Visual CPHAD Setup Screens, taking the defaults.
 5. Double Click the Visual CPHAD shortcut that appears on your desktop.
 6. Enter the IP address of the machine to which you are connecting.
 7. Enter Port number 10909, or the port number you designated if a multiple namespace site, in the Port Number box, and click OK.

<p>Note: The only time you will have to change the above is if you are connecting to a different machine.</p>
--

8. Enter your RPMS ACCESS and VERIFY code.
9. Select a Division, and click OK.
10. You are now in the Visual CPHAD software.

3.0 Sample Installation

```

Select Kernel Installation & Distribution System Option:

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
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 Option: 1 Load a Distribution
Enter a Host File: c:\rpms\bni\bni_0100.k

KIDS Distribution saved on Jul 13, 2006@08:30:48
Comment: IHS CPHAD ACTIVITY REPORTING SYSTEM V1.0 7-12-06

This Distribution contains Transport Globals for the following Package(s):
Build BNI CPHD ACTIVITY DATASYSTEM 1.0
OK to continue with Load? NO// YES

Distribution OK!

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

Build BNI CPHD ACTIVITY DATASYSTEM 1.0 has an Enviromental Check Routine
Want to RUN the Environment Check Routine? YES//
   BNI CPHD ACTIVITY DATASYSTEM 1.0
Will first run the Environment Check Routine, BNIPOST

Use INSTALL NAME: BNI CPHD ACTIVITY DATASYSTEM 1.0 to install this Distribution.

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
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 Option: INstall Package(s)
Select INSTALL NAME:      BNI CPHD ACTIVITY DATASYSTEM 1.0      Loaded from Distrib
ution      Loaded from Distribution 7/13/06@09:41:51
       => IHS CPHAD ACTIVITY REPORTING SYSTEM V1.0 7-12-06 ;Created on Jul 13,

This Distribution was loaded on Jul 13, 2006@09:41:51 with header of
   IHS CPHAD ACTIVITY REPORTING SYSTEM V1.0 7-12-06 ;Created on Jul 13, 2006@08
:30:48
   It consisted of the following Install(s):
BNI CPHD ACTIVITY DATASYSTEM 1.0
Checking Install for Package BNI CPHD ACTIVITY DATASYSTEM 1.0
Will first run the Environment Check Routine, BNIPOST

Install Questions for BNI CPHD ACTIVITY DATASYSTEM 1.0

```

Incoming Files:

90510 BNI CPHAD ACTIVITY RECORDS

Note: You already have the 'BNI CPHAD ACTIVITY RECORDS' File.

90510.5 BNI GROUP RECORD DEFINITION

Note: You already have the 'BNI GROUP RECORD DEFINITION' File.

90511.01 BNI GENERAL PUBLIC HEALTH CONCERNS (including data)

Note: You already have the 'BNI GENERAL PUBLIC HEALTH CONCERNS' File.

I will OVERWRITE your data with mine.

90511.02 BNI SPECIFIC HEALTH TOPIC (including data)

Note: You already have the 'BNI SPECIFIC HEALTH TOPIC' File.

I will OVERWRITE your data with mine.

90511.03 BNI TYPE OF ACTIVITY (including data)

Note: You already have the 'BNI TYPE OF ACTIVITY' File.

I will OVERWRITE your data with mine.

90511.04 BNI CPHAD GROUP SERVED (including data)

Note: You already have the 'BNI CPHAD GROUP SERVED' File.

I will OVERWRITE your data with mine.

90511.05 BNI CPHAD ACTIVITY SETTING (including data)

Note: You already have the 'BNI CPHAD ACTIVITY SETTING' File.

I will OVERWRITE your data with mine.

90511.99 BNI BMX ADO SCHEMA (including data)

Note: You already have the 'BNI BMX ADO SCHEMA' File.

I will MERGE your data with mine.

90512.01 BNI CPHAD SITE PARAMETERS

Note: You already have the 'BNI CPHAD SITE PARAMETERS' File.

90512.08 BNI GUI REPORT

Note: You already have the 'BNI GUI REPORT' File.

90512.87 BNI GENERAL RETRIEVAL ITEMS (including data)

Note: You already have the 'BNI GENERAL RETRIEVAL ITEMS' File.

I will OVERWRITE your data with mine.

90512.88 BNI GENERAL RETRIEVAL TMP

Note: You already have the 'BNI GENERAL RETRIEVAL TMP' File.

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.

4.0 Contact Information

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

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

Fax: (505) 248-4363

Web: <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

Email: support@ihs.gov