RESOURCE AND PATIENT MANAGEMENT SYSTEM

Health Summary Components

(BHS)

Installation Guide & Release Notes

Version 1.0
April 2006

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

Revision History

Date of Change	Location of Revision	Revision

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Preface

This manual provides information regarding only the release and installation of the Health Summary Components package.

1.0   Release Notes

Health Summary Components is an adjunct application designed to allow Indian Health Service (IHS) summary components to be viewed and used in VA Health Summary types.

VA Health summary types may be used in TIU objects. In addition, the VA Health summary type –adhoc – allows a user to create and define a health summary on the fly.

Adding the IHS health summary components to VA health summary types allows these components to be used in the adhoc summary creation. VA Health Summary has components for progress notes, orders, and consults which are not available in the IHS health summary. By adding the Health summary components to the VA health summary, Indian Health should be able to access both types of components in one health summary.

Since all the components created will be part of the VA Health summary application, the user will need to be familiar with the following documents:

HEALTH SUMMARY USER MANUAL Version 2.7
HEALTH SUMMARY TECHNICAL MANUAL Version 2.7
IHS RPMS PCC HEALTH SUMMARY SYSTEM USER MANUAL Version 2.0
IHS RPMS PCC HEALTH SUMMARY SYSTEM TECHNICAL MANUAL
Version 2.0
TEXT INTEGRATON UTILITIES TECHNICAL MANUAL Version 1.0

These manuals may be found at: www.ihs.gov/CIO/RPMS.

2.0   Installation Notes

Prefix: **bhs**
Current Version: **1.0**
Warning: Read entire notes file prior to attempting any installation.

2.1.1   General Information

- Make a copy of this distribution for offline 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.

- The Health Summary Components application has no menu options. It is a re-write of IHS health summary components so they can be used in GMTS Health Summary types

2.1.2   Contents of Distribution

- bhs_0100.k – KIDS file

- bhs_010i.pdf – Installation guide and Release notes

- bhs_010t.pdf – Technical manual

- bhs_010o.pdf – Health Summary Setup Guide

- gmts0270.1001n – Notes on VA health summary patch 1001

2.1.3   Required Resources

- Kernel v8.0 patch 1011 or higher

- FileMan v22 patch 1002 or higher

- Cache v4.1 or later

- GMTS v 2.7 patch 68 or later

- APCH v2.0 patch 13 or later

- XB/ZIB Utilities Version 3.0 patch 10 or later

- PCC Management Reports VERSION 3.0 patch 13 or later

3.0   Installation Instructions

3.1.1   Pre-Installation

No pre-installation preparation is necessary for the Health Summary Components package.

3.1.2   Installation

Under KIDS, load, and then install bhs_0100.k. Answer YES to all "Want to continue installing this build?" questions. Answer NO to all other Yes/No questions. The installation is a mega-build consisting of two builds Health summary components*1.0* and GMTS*2.7*1001.

3.1.3   Post-Installation

The process of adding items to the Ad hoc health summary is explained in this section.

The new components were not automatically added to the GMTS ad hoc health summary type. Since some of them are for inpatient care or may not apply to a site, it is better for each site to review the new components and determine which of them they wish to add to the ad hoc type.

```
  Health Summary Maintenance Menu


     1      Disable/Enable Health Summary Component
     2      Create/Modify Health Summary Components
     3      Edit Ad Hoc Health Summary Type        <- Choose this one
     4      Rebuild Ad Hoc Health Summary Type
     5      Resequence a Health Summary Type
     6      Create/Modify Health Summary Type
     7      Edit Health Summary Site Parameters
     8      Health Summary Objects Menu ...
     9      CPRS Reports Tab 'Health Summary Types List' Menu ...
    10      CPRS Health Summary Display/Edit Site Defaults
```

3.1.3.1   Edit Ad Hoc Health Summary Type

Choose item 3 from the Health Summary Maintenance Menu.

3.1.3.2   Display Information

Choose whether or not to display the component if there is no data for the component.

```
                    >>> EDITING the GMTS HS ADHOC OPTION Health Summary Type
                 SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: no//
```

3.1.3.3   Review Data

If desired, review the components already on the ad hoc summary.

3.1.3.4   Choose the Component to Add

```
             1. SCHEDULED ENCOUNTERS
             2. SCHEDULED ENCOUNTERS W/O W/INS    ENC
 CHOOSE 1-2: 2 SCHEDULED ENCOUNTERS W/O W/INS ENC
```


3.1.3.5   Enter Information for Component

What prompts appear depends on the type of component that has been selected

For a component that uses ICD9 codes, questions regarding what ICD text should appear will be asked.

```
SUMMARY ORDER: 715// 715
OCCURRENCE LIMIT: 20//
TIME LIMIT: 2Y//
ICD TEXT DISPLAYED: short text//
PROVIDER NARRATIVE DISPLAYED: yes//
HEADER NAME: Sched Encs w/o w/ins
```

For a component that allows a selection such as measurement panels, the name of the selection(s) will be asked.

```
SUMMARY ORDER: 725// 725
OCCURRENCE LIMIT: 1//
TIME LIMIT: 2Y//
HEADER NAME: Measurement Panels//

Current selection items are:  ADULT STD
```

Select new items one at a time in the sequence you want them displayed.

You may select up to 20 items.

Select SELECTION ITEM: ADULT STD//

4.0   Sample Installation

Below are sample installation steps. This is a new package with all new routines so there should not be anything on the system to be backed up or compared.

Also, no options need to be taken out of service since the components to be added will not be directly added to any options.

```
Select Kernel Installation & Distribution System Option:
         Edits and Distribution ...
         Utilities ...
         Installation ... <- Choose this one
```

Figure 5-1: Sample installation screen

4.1   Select Kernel Installation & Distribution System Option: Installation

```
   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
```

Figure 5-2: Sample installation screen

4.2   Load a Distribution

```
Enter a Host File: C:\TEMP\bhs_0100.k
OK to continue with Load? NO// y  YES
Distribution OK!
Want to Continue with Load? YES// y  YES
Loading Distribution...
HEALTH SUMMARY COMPONENTS-IHS 1.0
Build HEALTH SUMMARY COMPONENTS 1.0 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//  < -Make sure patches are
                                                  in
Will first run the Environment Check Routine, BHSINIT
GMTS*2.7*1001
Use INSTALL NAME: HEALTH SUMMARY COMPONENTS-IHS 1.0 to install this Distribution.
```

4.3   Verify Check sums

```
   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: 2  Verify Checksums in Transport Global
```

Figure 5-3: Sample installation screen

4.4   Install Package(s)

```
Select INSTALL NAME: HEALTH SUMMARY COMPONENTS-IHS 1.0         Loaded from
Distribution      Loaded from Distribution  6/8/05@14:49:52
     => Health Summary Components  ;Created on Jun 08, 2005@14:39:50

Checking Install for Package HEALTH SUMMARY COMPONENTS-IHS 1.0

Install Questions for HEALTH SUMMARY COMPONENTS-IHS 1.0

Checking Install for Package HEALTH SUMMARY COMPONENTS 1.0
Will first run the Environment Check Routine, BHSINIT

Install Questions for HEALTH SUMMARY COMPONENTS 1.0

Incoming Files:

Install Questions for GMTS*2.7*1001

Incoming Files:


   142       VA HEALTH SUMMARY TYPE
Note:  You already have the 'VA HEALTH SUMMARY TYPE' File.


   142.1     VA HEALTH SUMMARY COMPONENT  (including data)
Note:  You already have the 'VA HEALTH SUMMARY COMPONENT' File.
I will OVERWRITE your data with mine.

Want KIDS to INHIBIT LOGONs during the install? YES// 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//
Install Started for HEALTH SUMMARY COMPONENTS 1.0 :
             Jun 08, 2005@14:55:50

Build Distribution Date: Jun 08, 2005

 Installing Routines:
             Jun 08, 2005@14:55:51

 Installing Data Dictionaries:
             Jun 08, 2005@14:55:51

 Installing Data:
             Jun 08, 2005@14:55:51

 Running Post-Install Routine: POST^BHSINIT

 Updating Routine file...

 Updating KIDS files...
```

```
 HEALTH SUMMARY COMPONENTS 1.0 Installed.
            Jun 08, 2005@14:55:52


 Install Started for GMTS*2.7*1001 :
            Jun 08, 2005@14:55:52

Build Distribution Date: Jun 08, 2005

 Installing Routines:
            Jun 08, 2005@14:55:52

 Installing Data Dictionaries:
            Jun 08, 2005@14:55:52

 Installing Data:
            Jun 08, 2005@14:55:52

 Updating Routine file...

Updating KIDS files...

 GMTS*2.7*1001 Installed.
            Jun 08, 2005@14:55:52
```

Figure 5-4: Sample installation screen

5.0   Component List

The list of components included and a brief description is included below.

The occurrence number and time limits can be edited. Sub-groups should not have anything entered so that the users can make their own selection when in the EHR. Components that use ICD9 codes have all been set to use the short code and the provider narrative. Sites can edit this as well.

Num	Name	Abb	Occ	Time	ICD	Narr	Sub-grps
80000	Women's Health Brief	WHB					
80001	Women's Health Detailed	WHD					
80002	Flowsheet	FLO	10	1Y			X
80003	Reproductive History	RH					
80004	Offsprint History	OFF					
80005	Treatment Contracts	TC		1Y			
80006	Asthma Registry	AST					
80007	Dental	DEN	20	5Y	S	Y	
80008	RCIS Referred Care	RCIS	20	5Y			
80009	Behavioral Health Locked with key	BH	Y	Y			
80010	Measurements	MEA	10	1Y			
80011	Measurement Panels	MEAP	20	5Y			X
80012	Family History	FH			S	Y	
80013	Personal History	PMH			S	Y	
80014	Surgical History	SH			S	Y	
80015	Refusals	REF		10Y			
80016	Insurance	INS					
80017	Elder Care 1	EL1		5Y			
80018	Elder Care 2	EL2		5Y			
80019	Supplements	SUPP		2Y			X
80020	Eye Care	EYE	10	5Y	S	N	
80021	EKG	EKG	10	2Y	S	N	
80022	Hospital Stays	INPT	10	20Y	S	N	
80023	Treatment Provided	TRP	20	5Y	S	N	
80025	V-Radiology	VRAD	20	5Y			
80026	V-Lab	VLAB	30	2Y			
80027	Inpt Encounters	IN	20	5Y	S	N	
80028	Outpt Encounters	OUT	20	2Y	S	N	
80029	Minor Surgery	MIN	10	5Y			
80030	Immunizations	IMM		20Y			
80031	Community Health	CHR		2Y	S	N	
80032	V-Meds All	MEDA		1Y			
80033	V-Meds Chronic	MEDC		1Y			
80034	V-Meds Current	CURR		1Y			
80035	V-Meds No dups	NDUP		1Y			

Num	Name	Abb	Occ	Time	ICD	Narr	Sub-grps
80036	Public Health Nurse	PHN	20	2Y	S	N	
80037	Narrative Text	NT	10	2Y			
80038	V-Meds by group	MEDG		1Y			
80039	V-Meds Short Form	SF		1Y			
80040	V-Meds Current by name	MCN		1Y			
80041	V-Meds Chronic by name	MCHN		1Y			
80042	V-meds with #issued	MEDI		1Y			
80043	V-meds alt name	MAL		1Y			
80044	Outpt Enc (w/o chr)	EC2	20	2Y	S	N	
80045	Lab Most Recent	LMR	20	1Y			
80046	V-Lab by Date	LMRD	20	1Y			
80047	Chronic Meds w/o DC	CHM					
80048	Meds with issue hx	MIH		1Y			
80049	Scheduled Encounters	SE	20	2Y	S	N	
80050	Sched Encs w/o w/ins	SEI	20	1Y	S	N	
80051	V Radiology Exams	RADE		5Y			
80052	Educational Assessment	EDA	5	5Y			

Figure 6-1: Table of components

6.0   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