

# **Enterprise Health Management Platform (eHMP)**

**Release Notes for Release Version 1.2.18**



**Department of Veterans Affairs**

**December 2016**

**Version 1.0**

## Revision History

Date	Version	Description	Author
12/08/2016	1.0	Update to document eHMP v1.2.18	Accenture Federal Services

## Deliverable (Product) Version History

(Note: **Yellow** highlights components that changed)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.18	eHMP UI 1.2.7	16-Dec-16	eHMP UI 1.2.7 1.2.rc30.88819	HMP*2.0*2	HMP*2.0*1 (HMP_MULTIBUILD_2-0_P02_T3.KID) PSS*1.0*197 DG*5.3*921 GMRV*5.0*32 OR*3.0*421 PSB*3.0*95 MC*2.3*47
1.2.17	HMP*2.0*2	19-Dec-16	eHMP UI 1.2.6 1.2.rc26.79841	HMP*2.0*2	HMP*2.0*1 (HMP_MULTIBUILD_2-0_P02_T3.KID) PSS*1.0*197 DG*5.3*921 GMRV*5.0*32 OR*3.0*421 PSB*3.0*95 MC*2.3*47
1.2.16	HMP*2.0*6	27-Oct-16	eHMP UI 1.2.6 1.2.rc26.79841	HMP 2.0*6	HMP*2.0*1

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.15	eHMP UI 1.2.6	26-Oct-16	eHMP UI 1.2.6 1.2.rc26.79841	HMP 2.0*1	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.14	eHMP UI 1.2.5	1-Aug-16	eHMP UI 1.2.5 1.2.5.77365	HMP 2.0*1	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.13	HMP*2.0*1	25-Jul-16	eHMP UI 1.2.4 1.2.4.70681	HMP 2.0*1	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.12	PSB*3.0*94	10-May-16	eHMP UI 1.2.4 1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.11	eHMP UI 1.2.4	06-Apr-16	eHMP UI 1.2.4 1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.10	eHMP UI 1.2.3	17-Mar-16	eHMP UI 1.2.3 1.2.3.64914	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.9	HMP*2.0 PRB 2.9	04-Mar-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.8	HMP*2.0	17-Feb-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.6 (HMP_2-0_20160217-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.7	HMP*2.0	11-Feb-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.5 (HMP_2-0_20160201-02.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.6	HMP*2.0	27-Jan-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.4 (HMP_2-0_20160122-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.5	PRB 2.8	09-Jan-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.4	HMP*2.0	30-Dec-15	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)
1.2.3	eHMP UI 1.2.2	17-Nov-15	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.2	eHMP UI 1.2.1 HMP*2.0 PRB 2.4	14-Oct-15	eHMP UI 1.2.1 1.2.1.47792	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.1	HMP*2.0	22-Aug-15	N/A	HMP*2.0 v6.1	N/A

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# 1. Introduction

The Enterprise Health Management Platform (eHMP) project is a multi-year effort to evolve a modern, service-oriented platform which provides a web-based user interface (UI), clinical data services, and assembles patient clinical data from federated Veterans Health Information Systems and Technology Architecture (VistA) repositories, Department of Defense (DoD), and private partner data sources, reflective of each location providing care to the patient. This federated data is aggregated into an enterprise patient record. eHMP service components will span all application layers, including presentation, business and core services, and data access.

Release 1.2 introduces critical viewer edition enhancements to provide new capabilities to the VA beyond what is available today via CPRS, Joint Legacy Viewer (JLV), and VistAWeb. The system provides enhanced presentations of clinical data that range from trend views that provide a quick snapshot of easily understandable data, to detailed views that provide the user with a full range of options for examining longitudinal patient medical records. Users are able to configure these views into a limitless number of custom workspaces in order to support a variety of clinical workflows. There are multiple pre-configured workspaces available to the user, which are filtered for specific conditions. The workspaces provide the appropriate clinical information for a selected condition (e.g., COPD, Diabetes). Further enhancements included adding the Military History applet, improved text search across the entire patient record, and more extensive online help utilizing an expanded User Guide.

## 1.1. Purpose

These release notes pull together the approved Change Requests (CRs), feature and/or user story updates, and closed and known defects associated with a release.

This version of the release notes covers the release of eHMP Version 1.2.18 that incorporates the release of eHMP UI 1.2.7.

## 1.2. Scope

These release notes associated with eHMP Release Version 1.2.18 are the first notes for this release.

## **2. Release Method**

Release execution is dependent upon the type of code released. These consolidated release notes will cover both VistA (Kernel Installation and Distribution System (KIDS)) and eHMP UI (web-based) releases, as both comprise the totality of eHMP as an application. Releases will occur first in Pre-production/Test accounts and then in Production.

The rollout strategy for both types of code depends upon the complexity of the release. Complex releases will be executed as a controlled release by wave, while more routine releases will be executed simultaneously nation-wide, following the standard national patch release process.

VistA releases will occur via FORUM and eHMP UI releases will be executed by the Release Team installing eHMP code into the Austin Information Technology Center (AITC) accounts. Following successful deployment to AITC, the Release Team will install the same version into the Philadelphia Information Technology Center (PITC) Production account for a warm-based failover contingency.

## **3. Installation Requirements**

### **3.1. Prerequisites for Installation**

A prerequisite for installation is that sites are up to date, meaning, that previously nationally released patches have been installed.

### **3.2. Needed DLLs**

Not applicable to eHMP.

### **3.3. M Triggers**

Appendix 1 lists a description of triggers/events that impact eHMP.

### **3.4. Files**

Appendix 2 provides a list of new/modified VA FileMan files that are exported with eHMP KIDS patches.

### **3.5. Approved Integration Control Registrations**

Appendix 3 provides the eHMP Integration Control Registrations (ICRs).

### **3.6. New Parameters**

Appendix 4 provides a list of new parameters for eHMP VistA, exported using the Kernel Parameters File. There are no new parameters for the eHMP UI.

### **3.7. Operational Data Sync and Patient Data Sync**

In the current eHMP system, all operational data from the primary VistA site must be complete before any patient sync can occur. The approach for handling operational data in VistA



Exchange Synchronization (VX-Sync), however, must eliminate blocking where possible, avoid bottlenecks, and contribute to the overall scalability of the system.

### **Implementation Strategy for VX-Sync**

**Operational Data Subscription Handler** - The purpose of the Operational Data Subscription Handler is simply to initiate the operational data sync. It will accept an operational subscription job which contains a list of sites to subscribe for operational data. For each site in the given list, it will send out the appropriate remote procedure call (RPC) so that the site will begin staging and sending operational data.

**Integration of metastamps** - Metastamps will be applied to operational data up to the "source" layer so that the system can keep track of the progress of the initial operational data sync per site. An operational data metastamp is used to ensure that all the operational data from a site is received during the initial sync with that site. Operational data does not have a last edit time to be used for the metastamp. Therefore, the operational data metastamp will be produced using the request time instead, similar to secondary site data.

**Operational data pathway (Store Operational Data Handler and additions to VistA Site Data Poller)** - Data sent by the VistA systems will be received by the VistA Site Data Pollers. The Data Pollers will receive both operational and patient data from the primary sources; however, it is not appropriate for operational data to be sent to the Record Enrichment Handler. Therefore, the VistA-Record-Processor determines which type of data it receives and subsequently send that data on the appropriate pathway. If the handler receives operational data, it will send it to a Store Operational Data Handler. The Store Operational Data Handler will send the operational data to JSON Data Store (JDS) to be stored in the appropriate section of JDS.

**Determining when a site is ready to sync patients** - The Sync Rules Engine includes rules to make sure that a primary site is not synchronized until its operational data has been successfully loaded.

## 4. Known Issues

### 4.1. Known Patient Safety Issues

There are no registered patient safety issues addressed in this version of eHMP.

### 4.2. Other Known Issues

At the time of this writing, all known issues are listed in Table 4-1.

**Table 4-1 Other Known Issues**

ID	Name	Severity	Opened Date	Planned Release
DE2248	Slow interaction Performance on the CBW workspace	Critical	9/2/2015	
DE2566	IV&V_User Defined Applet Filters - Drug Class Search works in Medications Review but does not work in Active Meds applet	Medium	9/28/2015	
DE2567	IV&V_User Defined Applet Filter - Filter for Active and Recent Medications does not carry over to the expanded view 'Medications Review'	Medium	9/28/2015	
DE2957	Numeric Lab Results: Dates in graphs overlap in detail view	Low	10/27/2015	
DE3824	Pre-Prod_Workspace 'Author' Field is Not Displaying Correctly	Low	2/19/2016	
DE3851	RDK: Change artifact from zip to tar	Low	2/22/2016	
DE4024	Allergy and Orders applet summary detail view not working	Low	3/7/2016	
DE4130	Depression/Hypertension/Pre-Procedure CBWs - Numeric Lab Results applet: ""Count"" listed twice in filter container	Cosmetic	3/16/2016	
DE4170	Workspace Editor: ""Select A View"" pop-up gets partially obscured by other applets	Low	3/22/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE4360	VA-320 - Stacked Graphs has missing headers and one missing column	Low	4/7/2016	
DE4361	VA-320 - An increase in the number of lab results that are not graphed in Stacked Graphs	Medium	4/7/2016	
DE4630	GDT: After selecting dates, cannot select enter to exit date fields	Low	4/29/2016	
DE5242	VA-385 - An error has interrupted the patient synchronization process	Critical	6/10/2016	
DE5319	1.2 Cosmetic: Kodak: Scroll bar is displaying in "" Audiology"" quick look and unable to scroll to view the facility which is being cut off.	Cosmetic	6/15/2016	
DE5360	VA-421 'F281 Inpatient Immunizations Applet - Not able to ADD filter'	Low	6/17/2016	
DE5375	Vitals (Trend/Expanded/Maximized views): Only most recent BMI calculation is displayed when multiple height and/or weight entries are entered in the same day	Low	6/20/2016	
DE5376	1.2 - Cosmetic: ETS_Patient Flag is Missing Scroll Bar	Medium	6/20/2016	eHMP 1.2.x RC31
DE5409	VA-382 - Meds Review data integrity issue (New Test Data Defect)	Medium	6/22/2016	
DE5414	Allergies Detail View Next and Previous buttons don't work	Low	6/22/2016	
DE5450	VA-436 - Unable to get property appletId error	High	6/24/2016	
DE5451	GDF (Timeline Summary) is not displaying the last Date/Events in the timeline when loaded with (ALL-Range)Data	Cosmetic	6/24/2016	
DE5465	1.2 - Cosmetic: Demographics and Primary Care header: arrow pointing in wrong direction	Low	6/27/2016	
DE5632	Vitals Applet: Trend View data does not match after switching to expanded view and back to trend view	Medium	7/11/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE5716	ETS: Quick Look tool- tip window displays if there is no dot within the orange diamond.	Medium	7/14/2016	
DE5718	1.2 No double arrows on the horizontal bar for CBWs	Cosmetic	7/14/2016	
DE5720	1.2 No scroll bar on flags on a patients record	Low	7/14/2016	
DE5724	Diabetes Mellitus renders slow in VA Performance environment	Medium	7/15/2016	
DE5725	Meds Review renders slow in VA Performance environment	Medium	7/15/2016	
DE5816	Production - Patient will not sync	High	7/20/2016	
DE5882	Patient Search Logs Missing Demographics As An Error	Medium	7/22/2016	
DE5883	Numeric Lab Results: Lab Results are overlapping.	Cosmetic	7/22/2016	
DE5947	VA-435 Patient demographics errors	Low	7/25/2016	
DE5970	Search box results are not aligned	Low	7/26/2016	
DE6043	Problems Applet- Quick look display Last Updated Value instead of Onset Date	Low	7/29/2016	
DE6045	Stack Graphs: Unable to open details of medications.	Medium	7/29/2016	
DE6110	R 1.2: Console error: View Type: 'undefined' is not available for the undefined applet.	Low	8/2/2016	
DE6148	Need to validate logged in site when changing patient context	High	8/3/2016	
DE6161	User Log In - Performance Issue	High	8/4/2016	
DE6171	Depression workspace from dropdown menu - Performance Issue	Medium	8/4/2016	
DE6175	Hypertension workspace drop down menu - Performance Issue	Medium	8/4/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE6196	VA-490 - Inaccurate Filter Results on Documents Applet	Low	8/5/2016	
DE6212	Lab Results - GTDF - Issue	High	8/5/2016	
DE6213	Access eHmp home page - Issue	High	8/5/2016	
DE6238	R10047049FY16 - Slow link between CPRS and eHMP (CCOW)	Medium	8/8/2016	
DE6250	1.2 Orders applet- Bottom scroll arrow is missing from Expanded view.	Medium	8/8/2016	
DE6270	VA-494 New Workspace has Problems applets in it	Low	8/9/2016	
DE6286	VA - 497 - Patients coming up for confirmation without being selected	High	8/10/2016	
DE6287	1.2 Appointments&Visits applet: Bottom scroll arrow is missing from applet.	Low	8/10/2016	
DE6290	VA-492 Status Error - 500 received when searching wards	Medium	8/10/2016	
DE6294	VA -493 - Things that are not outpatient meds are showing up in the outpatient meds section of Meds Review applet	Medium	8/10/2016	
DE6341	Allergies applet : Next and Previous buttons always take user to first and last records in the applet when first clicked	Medium	8/14/2016	
DE6345	1.2 - Functionality: Narrative Lab Results Applet: Type Column is Not Sorting	Low	8/15/2016	
DE6347	Ensure PID VistA Site Matches User's Authenticated VistA Site	Medium	8/15/2016	
DE6463	Production_Photo not showing in eHMP	Medium	8/22/2016	
DE6470	(Copy of) Numeric Lab Results: Details form icon for a lab test in a panel grouping does not work after the applet view is changed	Low	8/22/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE6477	I9986543FY16 - User cannot log into eHMP at Madison to perform smoke testing	High	8/22/2016	
DE6496	Update 1.2 user guide to latest version	Low	8/23/2016	
DE6527	Clear Object Test	Medium	8/24/2016	
DE6528	Nationwide Search Failure, Portland	High	8/24/2016	
DE6530	Global Date Timeline Filter (Meds Review)	Medium	8/24/2016	
DE6553	1.2 VA-503 - The ""PDF Version"" button is missing	Medium	8/25/2016	eHMP 1.2.x RC31
DE6584	CPRS - 'Library Not Registered' error message	Medium	8/26/2016	
DE6597	Navigation to eHMP Production splash screen exceeds 5 seconds	Low	8/29/2016	
DE6631	VA-502 CCOW - Patient Context After Logging Back On	Medium	8/31/2016	
DE6654	Associated conditions for some Problems are not working	Medium	9/1/2016	
DE6657	Clinics list performance issues	Medium	9/1/2016	
DE6658	Ward List performance issues	Medium	9/1/2016	
DE6680	Prod_Loma Linda_Medications are not displayed when maximizing the A&R applet for patient with large amount of Meds (2000+)	High	9/2/2016	
DE6727	1.2-Workspace manager-Tooltip for default workspace does not display	Low	9/6/2016	
DE6741	Documents applet (Pre-Prod): applet doesn't load if a large amount of document records should be returned	High	9/7/2016	
DE6745	Documents: ""Added Comment"" Activity created within CPRS Missing within eHMP Consult Detail View	High	9/7/2016	

ID	Name	Severity	Opened Date	Planned Release
DE6767	Numeric Lab Results Applet: Graph in the numeric lab results applet is cut off on the far right.	Low	9/8/2016	
DE6795	1.2 Orders Applet not filtering by GDF at the coversheet workspace	Medium	9/9/2016	
DE6831	(VA Reported Issue) PreProd: Search Record Inconsistencies	High	9/12/2016	
DE6833	Record Search displays negative number when changing the date filter	Medium	9/12/2016	
DE6869	VA-515 Empty Data Source Modal in eHMP	High	9/14/2016	eHMP 1.2.x RC31
DE6881	New JDS index for CWAD filter (performance)	Medium	9/14/2016	
DE6889	User Metrics Visuals__Successful Unique User Logins AND Successful Total Unique User Logins DO NOT Agree	Medium	9/15/2016	
DE6896	Encounters quick look will not close	Medium	9/15/2016	
DE6911	Sync status incomplete on footer after loadForced call	High	9/15/2016	
DE6927	CWADF Postings: Hover Over Text Lingers Even Though Mouse is Moved Over a Different Posting Category	Cosmetic	9/16/2016	
DE6933	Search Record: Search on ""em"" Returns Numeric Lab Results that Were Identified as Matches Based on ""<em>"" HTML tags</em>	Medium	9/16/2016	
DE6942	VA-514 Not all Progress Notes display within eHMP	High	9/19/2016	eHMP 1.2.x RC31
DE6960	Res-server logs need to contain records counts	High	9/20/2016	
DE6969	VA-512 Search results do not display the name of inactive consults	High	9/20/2016	
DE6971	(1.2) Military History entries do not preserve the way the user enters in data	Medium	9/21/2016	eHMP 1.2.x RC31

ID	Name	Severity	Opened Date	Planned Release
DE6975	I10568329FY16 - MAXSTRING error STRING+6^HMPD in Minneapolis	Medium	9/21/2016	
DE6979	Remove VistA-specific fields from basis demographics	Medium	9/21/2016	
DE6982	1.2 DIT Meds Review: Incorrect ""Stop Date/Time"" for infusion order	High	9/21/2016	eHMP 1.2.x RC31
DE6985	(1.2) UDW - User can create new user defined workspace without any name	Medium	9/22/2016	eHMP 1.2.x RC31
DE6986	Update deployment to write large documents directly to NFS file share	Medium	9/22/2016	
DE6988	Global VPRJSES empty causes XpoLog User Session to not work	High	9/22/2016	
DE6990	TIMELINE : Filters on Timeline Applet does not give all the data (1.2)	Medium	9/22/2016	eHMP 1.2.x RC31
DE7009	CWAD Display/Format not retained from CPRS - I10765623FY16	Medium	9/27/2016	
DE7019	Active & Recent Medications Applet: Unable to Filter Status and Facility columns	High	9/28/2016	eHMP 1.2.x RC31
DE7026	1.2 Pre-Prod: Can't Add Graphs to Stacked Graphs Applet in UDW	High	9/28/2016	
DE7027	Pre-Prod Record Search: first search appears to time out (no results found), second search of same term yields results	High	9/29/2016	
DE7028	Record Search: Row Disappears After Expansion	High	9/29/2016	
DE7029	Record Search: Results in Rows Increase After Expanding	High	9/29/2016	
DE7032	Details view in Orders Applet has a grid for Blood Bank Orders	Cosmetic	9/29/2016	
DE7033	The Sorting option doesn't work in Narrative Lab results	Medium	9/29/2016	



ID	Name	Severity	Opened Date	Planned Release
DE7036	Problems: Quicklook View Within Tile Displays Incorrect Facility Code for New Problems	Medium	9/30/2016	
DE7038	VA-520/521 - Fillable value and Refills remaining incorrect for Active and Recent Meds Applet	High	9/30/2016	eHMP 1.2.x RC31
DE7039	Pre Prod_ Unable to Sync a new patient	Critical	9/30/2016	eHMP 1.2.x RC31
DE7042	Military History Pre-Prod: ""Location"" and ""Modified By"" fields are not being populated	Medium	9/30/2016	
DE7053	1.2 User guide needs updated	Medium	10/4/2016	
DE7059	VA 525-Update the online help for Vitals Trend View	Medium	10/5/2016	
DE7060	1.2 GDF ""From"" Calendar not Applying after GDF set to ALL	Medium	10/6/2016	
DE7061	Patient selection page disappears	Low	10/6/2016	
DE7062	Active and recent medications filter is not persisting after maximizing	Medium	10/6/2016	
DE7074	JDS becomes unresponsive once 130 TPS is reached	Medium	10/11/2016	
DE7075	Problems Applet Detail View: ICD 10 is missing in eHMP 1.2	Low	10/11/2016	
DE7081	Duplicate VLER Documents	Critical	10/12/2016	
DE7082	VA-526 Strange Text in the authoring institution field in Community Health Summaries	Low	10/12/2016	
DE7083	Vitals (Expanded View): Graph and table are not loading in the Details View	Medium	10/12/2016	
DE7084	VA-526 Date not showing for documents in Community Health Summaries	Medium	10/12/2016	
DE7089	VA 531- eHMP does not respond to CCOW changes for non-local patients	High	10/13/2016	
DE7093	Text results of ""canc"" or ""comment"" are being shown in the trend view of Numeric Lab Results but cannot be graphed.	Medium	10/14/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE7094	Load Balancer Spikes under Low concurrent logon numbers	Critical	10/14/2016	eHMP 1.2.x RC31
DE7095	Microbiology Reports (1.2 IT): details reflected in CPRS are not reflected in eHMP	High	10/16/2016	
DE7098	VA-532 - Record Search does not include Community Health Summaries	High	10/17/2016	
DE7103	Insufficient Number of JMeadows and VLER VX-Sync Handlers in Production	Medium	10/19/2016	
DE7105	Add site name to audit log	High	10/19/2016	eHMP 1.2.x RC31
DE7108	VA 538 - ehmp data sent to CCOW vault is causing errors in JLV	High	10/19/2016	
DE7112	STX Production - Record Enrichment Handler stuck on overallStop error	High	10/21/2016	
DE7117	VA 545 - Ward/Clinic Lists variance between CPRS and eHMP	High	10/25/2016	
DE7120	VA 537 - Inactive/Out of service Clinics	Medium	10/26/2016	
DE7122	VA 523 - 2 sync status calls every 5 seconds; status and data-status	Medium	10/26/2016	
DE7126	Session ID Missing from Load Balancer Logs for 1.2	High	10/27/2016	eHMP 1.2.x RC31
DE7140	1.2 RDK Metrics Defect impacting Reporting Dashboards	High	11/1/2016	
DE7142	Automated Deployment - Extract of Zipped Artifacts Skipped	High	11/2/2016	
DE7144	User Sessions not expiring correctly	Critical	11/2/2016	
DE7145	VA-551 Wrong Case and Acronyms in Meds review and Detailed View	Low	11/2/2016	
DE7146	UAT - 1.3 - CSS font permission errors in console	Cosmetic	11/3/2016	
DE7148	VA-553 Column in Active and Recent Medications Applet too narrow to display ""Discontinued""	Low	11/3/2016	

ID	Name	Severity	Opened Date	Planned Release
DE7151	Production vxsync_client deployed default number of handlers	High	11/3/2016	
DE7152	Load Balancer server-status open for CA APM	Medium	11/3/2016	
DE7153	1.2 Vitals applet: Blood Pressure/Height issues when switching from summary/expanded view to trend view	High	11/3/2016	
DE7154	Error when viewing patient emergency contact info	High	11/4/2016	
DE7155	Critical Path: TextSearchReady performance result times are not meeting goal times	High	11/4/2016	
DE7163	VA 552 - Active & Recent meds summary view help button	Low	11/7/2016	
DE7167	pJDS and JDS cache password never expires	Medium	11/8/2016	
DE7169	Pre Prod - UDW Applying a filter to an applet with a duplicate applet will filter both applets	High	11/8/2016	
DE7170	Pre Prod - Maximizing filtered applet with ""*****"" filter will result of Maximize view stuck on loading state	Low	11/8/2016	
DE7172	RDK: Uncaught exception	Low	11/8/2016	eHMP 1.2.x RC31
DE7173	VA 556 - PN/Documents should show the /es/ of clinicians	High	11/9/2016	
DE7184	RDK Health Check for MVI and Related Search Endpoints Fails in r1.2	Medium	11/14/2016	
DE7186	Log formatting for Apache Web UI must be adjusted to support performance auditing	Medium	11/14/2016	
DE7188	Pre-Prod : Missing Facility Manchester(608)	High	11/14/2016	
DE7203	Apache Load balancer daily log rotate	Medium	11/17/2016	
DE7205	VA 559 - Patient flag duplicating when patient is registered in a different time zone.	Medium	11/17/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Planned Release</b>
DE7210	VA-568 Internal Server Errors ""patient was not unsynced""	Medium	11/18/2016	
DE7212	VA-563 Internal Server errors on patient selection in STX Preprod	Critical	11/18/2016	
DE7215	Resource Development Kit (RDK) - Encrypted Communication	High	11/21/2016	
DE7219	VA-564 - ACCs are unable to determine the correct user to provision when multiple common names are found	High	11/22/2016	
DE7222	VA-570 Patient Unsynchronization Interruption	Critical	11/22/2016	
DE7224	TRM: RDK libraries need to be locked to the latest compliant version	Medium	11/23/2016	eHMP 1.2.x RC31
DE7226	VA-567 : Active and Recent Meds applet displaying old completed medications	Medium	11/23/2016	
DE7244	ETS_RC30_UI Performance has degraded from RC26	High	11/30/2016	
DE7246	Birthdates without month or days will result in invalid calculations	Medium	11/30/2016	

## 5. Included New Functionality and Defect Fixes

### 5.1. Included User Stories

No user stories were implemented in eHMP Release 1.2.18.

### 5.2. Fixed Defects

Defects specifically resolved in eHMP Release 1.2.18 are listed in Table 5-1.

**Table 5-1 Fixed Defects**

ID	Name	Severity	Opened Date	Test Method / Test Case Identifier
DE3826	Numeric Lab Results- quick menu and details view works intermittently when switching between maximized and minimized views	Medium	2/19/2016	
DE4023	Discontinued Medications do not display correct value within the applets	Medium	3/7/2016	
DE4173	Reports- Note text in reports is missing from the report in eHMP	Critical	3/22/2016	
DE5298	Text Search Not Returning Results	High	6/14/2016	
DE5316	Creating an Infusion Order prevents Active & Recent Applet Meds from loading in 1.2 DIT	High	6/15/2016	
DE5440	Military applet is missing the help icon in both environments 1.2 DIT and Combo	Medium	6/24/2016	
DE5717	Med Review filter doesn't persist in a CBW after maximizing	Medium	7/14/2016	
DE5854	Possible memory leak or garbage collection issue detected during endurance stress test against single RDK VM	High	7/21/2016	
DE5880	SNOMED CT external site unreachable in VA environments	Medium	7/22/2016	
DE5917	RDK r1.2 logs sensitive information at info level for suggestSearch	High	7/22/2016	
DE5932	CCOW- Context link to vault server not set in eHMP	Medium	7/24/2016	
DE5983	eHMP using old version of vista-js node module.	Medium	7/26/2016	
DE6003	R1.2: Patient information is not cleared after a user logs out	High	7/27/2016	
DE6020	JDS exists filter does not return all data	Medium	7/28/2016	
DE6041	Unable to access patient record following nationwide search if one of the VX-Sync sources fails/unavailable	Medium	7/29/2016	

ID	Name	Severity	Opened Date	Test Method / Test Case Identifier
DE6112	Pre-Prod: Performance Lag when loading clinics - JDS	High	8/2/2016	
DE6119	Document localTitle field was received as numeric field rather than a string field.	Critical	8/3/2016	
DE6120	Add try/catch to Job Framework so that any unexpected exceptions when processing jobs are caught	High	8/3/2016	
DE6121	Port R2.0 Shutdown solution to R1.2 (See DE5262)	High	8/3/2016	
DE6188	Patient Search - Performance Issue	High	8/5/2016	
DE6275	VA Prod - Encounters is not showing charts	High	8/9/2016	
DE6281	Load Clinic data once per user session	Critical	8/10/2016	
DE6282	Add index for get-op-data RDK resource	Medium	8/10/2016	
DE6291	suggestSearch.js logs the entire rdk config	Medium	8/10/2016	
DE6295	Disable ODS check in RDK	Critical	8/10/2016	
DE6301	RDK Logging performance	Medium	8/10/2016	
DE6306	get-op-data uses inefficient JDS queries	Medium	8/11/2016	
DE6308	RDK Operational Data Interceptor Performance Issue	High	8/11/2016	
DE6309	Pre-Prod/Prod: Performance Lag when loading clinics - RDK	Medium	8/11/2016	
DE6310	Sync Interceptor Clears and Re-syncs patients 24 hours after Sync	Critical	8/11/2016	
DE6313	Fix OrderNumber Transformation	Critical	8/11/2016	
DE6323	Transform Status for DOD Orders	Medium	8/11/2016	
DE6339	Debug 2 RDK tests that are failing in Jenkins due to Cache upgrade	High	8/12/2016	
DE6349	Port Solr query execution in RDK from r2.0 to r1.2	High	8/15/2016	
DE6350	Remove unnecessary ICN/PID validation from sync interceptor	Medium	8/15/2016	
DE6455	UI makes REST call on every navigation to refresh patient data	Medium	8/19/2016	
DE6464	Production_Hampton_Patient with appointment is not displaying in clinic patient list	High	8/22/2016	
DE6475	DoD Documents are blank within the details view in 1.2 DIT	High	8/22/2016	
DE6483	r1.2 RDK Uses Incorrect Document Endpoint Port	High	8/23/2016	

<b>ID</b>	<b>Name</b>	<b>Severity</b>	<b>Opened Date</b>	<b>Test Method / Test Case Identifier</b>
DE6501	VistA Sites with numeric hash codes and leading zeros crash site poller	High	8/23/2016	
DE6511	Resource server performance failed to meet IOC performance requirement	High	8/23/2016	
DE6518	Record Search performance failing in San Antonio	High	8/24/2016	
DE6534	1.2 Cleanup unused writeback support/applets (performance)	Medium	8/24/2016	
DE6576	R10425916FY16 - Cannot receive or see Columbia Missouri reminders (R1.2)	Critical	8/26/2016	TC6429
DE6604	RDK UA tracker not sending data6	Medium	8/29/2016	
DE6618	2.0-Search record-Invalid search result returns 500 internal server error instead of displaying ""No results""	Medium	8/30/2016	
DE6621	Production_CCOW_ActiveX Not Engaging from CPRS to eHMP	High	8/30/2016	
DE6635	Document Load Performance 1.2/2.0	Medium	8/31/2016	
DE6640	1.2 DIT_Error with Nationwide Search	High	8/31/2016	
DE6641	Modify RDK sync interceptor (synchronize.js) to handle case where sync is in progress and not send redundant sync request	Medium	8/31/2016	
DE6655	1.2 Scroll bar down arrow is not visible in expanded applet	Medium	9/1/2016	
DE6661	STX Production_Problems do not display to eHMP	Critical	9/1/2016	
DE6664	Modify 1.2 RDK jdsSync subsystem (jdsSync.js) to use simple sync status	Medium	9/2/2016	
DE6688	Session ID missing from RDK Logging	High	9/2/2016	
DE6751	Creating a Workspace Named ""Problems"" Disables the ""Problems Applet""	High	9/7/2016	
DE6753	Applet Filter: Medication Review applet filter container is open in all CBWs	Low	9/7/2016	
DE6784	Vista-js Add support for multidivisional users	High	9/9/2016	
DE6794	1.2 _Narrative Lab Results, Documents, Reports: Missing Detail View	Medium	9/9/2016	
DE6799	Active Meds and RDK looping unnecessarily over large data sets	High	9/9/2016	
DE6822	osync crashes in production	High	9/12/2016	

ID	Name	Severity	Opened Date	Test Method / Test Case Identifier
DE6843	Encounters Gist: Cannot sort by visit Type, Hx Occurrence ( TypeError: Cannot read property 'toLowerCase' of undefined )	Medium	9/13/2016	
DE6852	ETS 1.2: Medication review: There is an unnecessary comma after the word Garlic	Cosmetic	9/13/2016	
DE6887	eHMP 1.2 Stored Cross-Site Scripting (XSS) Vulnerabilities	Critical	9/15/2016	

### 5.3. Fixed VA Defects

VA reported defects specifically resolved in this version are listed in Table 5-2.

**Table 5-2 Fixed VA Defects**

VA ID	ID	Name	Severity	Opened Date	Test Method / Test Case Identifier
VA-186	DE2813	Patient record flags not correctly displayed	Critical	10/13/2015	
VA-358, VA-487, VA-489	DE4841	1.2 and 2.0: - VA-358 Nationwide search instructions incomplete and cause confusion.	Cosmetic	5/17/2016	
VA-382	DE5408	VA-382 - Meds Review data integrity issue (RDK/UI defect)	Critical	6/22/2016	
VA-500	DE5956	(1.2 only) Pre Prod is displaying the wrong error message when Access/Verify codes need to be changed	Medium	7/25/2016	
VA-491	DE6288	VA-491 - Vitals applet performance slow	Medium	8/10/2016	
VA-501, VA- 505	DE6525	VA-501 -Synching and Loading Patient Data Issues	Critical	8/24/2016	
VA-506	DE6772	VA-506 Numeric Lab Results Overview Incorrect value for ""Last"" Column (1.2)	Critical	9/8/2016	
VA-516	DE6928	VA-516 Document title is all lowercase	Cosmetic	9/16/2016	

## A. Appendix 1 – M Triggers

Table A-1 details the M Triggers.



**Table A-1 M Triggers**

M Triggers	
Protocol Name	New/Modified/Deleted
HMP DGPF ASSIGN FLAG	Modified
PROTOCOL List	NOV 15, 2016@20:00 PAGE 1
NUMBER: 6193	NAME: HMP DGPF ASSIGN FLAG
TYPE: action	CREATOR: PROGRAMMER,ONE
PACKAGE: HEALTH MANAGEMENT PLATFORM	
DESCRIPTION: Used to trigger a JDS update when the DGPF ASSIGN FLAG action protocol is used. A patient must have been selected and the DFN value is in DGDFN.	
ENTRY ACTION: I \$G(DGDFN),\$L(\$T(POST^HMPEVNT)) D POST^HMPEVNT(DGDFN,"patient",DGDFN)	

## B. Appendix 2 – Files

Table B-1 details the new/modified VA FileMan files that are exported with eHMP KIDS patches.

**Table B-1 VA FileMan Files**

VA FileMan Files			
STANDARD DATA DICTIONARY #800000 -- HMP SUBSCRIPTION FILE 11/15/16 PAGE 1			
STORED IN ^HMP(800000, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI: VI STA,ROU (VERSION 2.0)			
DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
800000,.07	DEFAULT?	0;7 SET	
		'1' FOR YES; '0' FOR NO;	
	LAST EDITED:	JUL 20, 2016	
	HELP-PROMPT:	Enter 1 for the default eHMP primary subscription.	
	DESCRIPTION:	This field identifies the primary eHMP subscription for this server. It identifies this server as the default for operations such as selecting a subscription to monitor in the option eHMP Dashboard [HMPMON DASHBOARD]. Only one server at a time can be set as the default. If this file contains only one record, then it will be used automatically as the default.	
	TECHNICAL DESCR:	Used in \$\$GETSRVR^HMPMOND to identify the default subscription if this file contains more than one.	
	FIELD INDEX:	AD (#1341) REGULAR IR SORTING ONLY	
	Short Descr:	Index of operational data by server.	
	Description:	This index is used to find operational data for each eHMP server.	
	Set Logic:	S ^HMP(800000,"AD",X,DA)=""	
	Set Cond:	S X=X(1)	

## VA FileMan Files

```
Kill Logic: K ^HMP(800000,"AD",X,DA)
Kill Cond: S X=X(1)
Whole Kill: K ^HMP(800000,"AD")
X(1): DEFAULT? (800000,.07) (Subscr 1) (forwards)
```

```
STANDARD DATA DICTIONARY #800003 -- HMP EVENT FILE          11/15/16    PAGE 1
STORED IN ^HMPLOG(800003, *** NO DATA STORED YET ***    SITE: VEHU MASTER  UCI:
VISTA,ROU                                               (VERSION 2.0)
```

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
-----------------	---------------	--------------------	--------------

-----  
This file is used to log VistA events relevant to the eHMP environment. Its primary purpose is to record data that otherwise would not be logged, such as corrupt or missing data, or broken pointers.

It is also used by the eHMP to log maintenance activities.

```
DD ACCESS: @
RD ACCESS:
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @
```

IDENTIFIED BY: EVENT DATE/TIME (#.02)[R]

CROSS

REFERENCED BY: TYPE OF EVENT(ATYP), LOG NUMBER(B), EVENT DATE/TIME(C)

800003,.01 LOG NUMBER 0;1 NUMBER (Required)

```
INPUT TRANSFORM: K:+X'=X!(X>999999999)!(X<1)!(X?.E1"."1N.N) X S:
                  $G(X) DINUM=X
LAST EDITED:      JUN 13, 2016
HELP-PROMPT:      Type a number between 1 and 999999999, 0
                  decimal digits.
DESCRIPTION:      This is an integer that corresponds to the
                  internal entry number.
```

TECHNICAL DESCR: An integer with a DINUM relationship.

NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

```
CROSS-REFERENCE: 800003^B
                  1)= S ^HMPLOG(800003,"B", $E(X,1,30),DA)=""
                  2)= K ^HMPLOG(800003,"B", $E(X,1,30),DA)
```

800003,.02 EVENT DATE/TIME 0;2 DATE (Required)

```
INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED:      JUN 13, 2016
HELP-PROMPT:      Enter the date and time (with seconds) of the
                  event. Time is required.
DESCRIPTION:      This is a precise date with required time (with
                  seconds). This field is required for each
                  entry.
```

```
CROSS-REFERENCE: 800003^C
                  1)= S ^HMPLOG(800003,"C", $E(X,1,30),DA)=""
                  2)= K ^HMPLOG(800003,"C", $E(X,1,30),DA)
                  3)= Do not delete this cross-reference. It all
                  ows for lookup by date/time.
                  Allows a user to look up an HMP EVENT entry by
                  date and time.
```

800003,.03 TYPE OF EVENT 0;3 SET

## VA FileMan Files

'C' FOR corruption;  
'I' FOR informational;  
'M' FOR missing entry;  
'O' FOR other;  
LAST EDITED: JUN 13, 2016  
HELP-PROMPT: Indicate the type of event that was logged.  
This value is optional.  
DESCRIPTION: A set of codes that will be used to classify  
the type of event logged.

C - Corrupt entry was found. For example, the  
value in a field would not pass  
the Input Transform.

I - Informational. An event of note that would  
not cause an error.  
For example, an entry was missing a field  
that was expected, but not required.

M - Missing entry. An internal entry number  
(IEN) was found without a corresponding  
entry. Also called a "broken pointer" or  
"dangling pointer".

O - Other type of event. Use this code for  
all other event types.

CROSS-REFERENCE: 800003^ATYP  
1)= S ^HMPLOG(800003,"ATYP",\$E(X,1,30),DA)=""  
2)= K ^HMPLOG(800003,"ATYP",\$E(X,1,30),DA)  
3)= Do not delete. This field is used to sort  
by event type.  
This cross-reference can be used to provide  
reports of specific event types.

800003,1 DESCRIPTIVE TEXT 1;0 WORD-PROCESSING #800003.01  
(IGNORE "|")

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

FORM(S)/BLOCK(S):

STORED IN ^HMP(800000, \*\*\* NO DATA STORED YET \*\*\* SITE: VEHU MASTER UCI: VI  
STA,ROU

## C. Appendix 3 – Approved Integration Control Registrations

Table C-1 details the Approved Integration Control Registrations.

**Table C-1 Approved Integration Control Registrations**

Resource	DBIA #	Date Approved
^LAB(60	91	27-Jan-2016
ADM^VADPT2	325	18-Dec-2015
^DG(40.8	417	11-Apr-2016
LAB(61	524	19-Nov-2015
LRO(69	532	13-Nov-2015
^DIC(40.7	557	16-Dec-2015
EN^ORX8	871	30-Mar-2016
^RADPT("AO"	1172	18-Mar-2016
DGPM MOVEMENT EVENTS	1181	13-Apr-2016
SDAM APPOINTMENTS EVENTS	1320	19-Apr-2016
EN1^GMRVUT0	1446	05-Dec-2015
GMRA ENTERED IN ERROR	1467	23-Feb-2016
GMRA SIGN-OFF ON DATA	1469	23-Feb-2016
ORQPT CLINIC PATIENTS	1652	22-Jan-2016
ORWU USERINFO	1791	27-Jan-2016
ORWRP REPORT LISTS	1840	27-Jan-2016
ORWRP REPORT TEXT	1841	27-Jan-2016
^DGPM(	1865	15-Apr-2016
^DGPM("APCA", ^DGPM("APMV", ^DGPM("ATID1"	1865	15-Apr-2016
\$\$GETENC^PXAPI	1894	09-Oct-2015
ENCEVENT^PXAPI	1894	09-Oct-2015
\$\$TEAMCNT^SCAPMCU1	1918	29-Oct-2015
^AUPNVSIT	2028	25-Nov-2015
^GMR(120.8	2166	02-Dec-2015
MAIN^PXRM	2182	09-Oct-2015
\$\$TSDATA^DGACT	2248	30-Nov-2015
^AUPNVPRV(	2316	02-Jan-2016
WHATIS^USRLM	2324	29-Mar-2016
OCL^PSOORRL	2400	04-Nov-2015

<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
OEL^PSOORRL	2400	04-Nov-2015
LRO(69	2407	26-Nov-2015
PS EVSEND OR	2415	17-Feb-2016
\$\$OI^ORX8	2467	30-Mar-2016
\$\$VALUE^ORX8	2467	30-Mar-2016
RR^LR7OR1	2503	04-Nov-2015
^XTV(8989.5	2686	30-Mar-2016
TEAMPTS^ORQPTQ1	2692	16-Oct-2015
EXTRACT^TIULQ	2693	28-Mar-2016
TIU(8925.1	2700	23-Nov-2015
^AUPNPROB(	2727	30-Mar-2015
OER^GMRCSLM1	2740	02-Feb-2016
DETAIL^GMPLUTL2	2741	19-Oct-2015
LIST^GMPLUTL2	2741	19-Oct-2015
EDIT^VAFCDPTED	2784	06-Apr-2016
\$\$CWAD^ORQPT2	2831	20-Jan-2016
\$\$RESOLVE^TIUSRVLO	2834	14-Oct-2015
^ORD(101.43	2843	02-Dec-2015
CONTEXT^TIUSRVLO	2865	23-Nov-2015
TGET^TIUSRV1	2944	16-Oct-2015
EXPAND^LR7OU1	2955	15-Nov-2015
DOCLIST^GMRCGUIB	2980	02-Feb-2015
\$\$ISA^TIULX	3058	15-Oct-2015
\$\$PKGID^ORX8	3071	30-Mar-2016
^AUPNVPOV(	3094	25-Nov-2015
OR EVSEND GMRC	3135	13-Mar-2016
GMRC EVSEND OR	3140	16-Feb-2016
EN^ORQ1	3154	30-Mar-2016
DG FIELD MONITOR	3344	19-Apr-2016
^GMR(120.86	3449	01-Dec-2015
RA(79.2	3505	24-Feb-2016
LIST^SROESTV	3533	16-Nov-2015
ONE^SROESTV	3533	16-Nov-2015
CPCLASS^TIUCP	3568	08-Oct-2015

<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
ISCP^TIUCP	3568	08-Oct-2015
DOSE^PSSOPK1	3739	11-May-2015
^DGS(41.1	3796	13-Apr-2016
\$\$GETACT^DGPFAP1	3860	18-Nov-2015
DEFLIST^ORQPTQ11	4204	03-Mar-2016
WARDPTS^ORQPTQ2	4207	03-Mar-2016
CLINPTS^ORQPTQ2	4207	03-Mar-2016
PROVPTS^ORQPTQ2	4207	03-Mar-2016
SPECPTS^ORQPTQ2	4207	03-Mar-2016
PCE4NOTE^ORWPCE3	4214	03-Mar-2016
EN1^MDPS1	4230	13-Jan-2016
PR690^MDPS1	4230	16-Dec-2015
LRPXRM^LRPXAPI	4245	05-Nov-2015
\$\$LRDN^LRPXAPIU	4246	05-Nov-2015
VHF^PXPXRM	4250	15-Oct-2015
VIMM^PXPXRM	4250	15-Oct-2015
VPEDU^PXPXRM	4250	15-Oct-2015
VSKIN^PXPXRM	4250	15-Oct-2015
VXAM^PXPXRM	4250	15-Oct-2015
^PXRMINDEX(63	4290	19-Nov-2015
\$\$CREATE^XUSAP	4677	14-Apr-2016
EIE^GMRAGUI1	4682	01-Jun-2016
NKA^GMRAGUI1	4682	01-Jun-2016
UPDATE^GMRAGUI1	4682	01-Jun-2016
EN1^GMVDCSAV	4815	13-Nov-2015
ORQQPX REMINDERS LIST	4898	29-Mar-2016
ORQQPX REMINDER DETAIL	4899	06-Apr-2016
BYWARD^ORWPT	4904	27-Jan-2016
ORWPT BYWARD	4904	27-Jan-2016
PTTEST^YTQPXRM2	5035	01-Jun-2016
ENDAS71^YTQPXRM6	5043	07-Nov-2015
^YTT(601.71	5044	03-Mar-2016
^YTT(601.71	5044	08-Jan-2016
\$\$FDEFSRC^ORQPTQ11	5137	03-Mar-2016

<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
GETDLG1^ORCD	5493	06-Apr-2016
GETORDER^ORCD	5493	06-Apr-2016
\$\$CLASS^TIUCNSLT	5546	13-Oct-2015
ISCNSLT^TIUCNSLT	5546	13-Oct-2015
ISSURG^TIUSROI	5676	13-Oct-2015
^TIU(8926.1	5676	30-Dec-2015
\$\$CLASS^TIUSROI	5676	21-Oct-2015
TIU(8925.1	5677	25-Nov-2015
\$\$START^SCMCMHTC	5697	14-Oct-2015
RPC^GMVRPCM	5702	11-May-2015
GET^ORQ12	5704	03-Mar-2016
\$\$ICDDX^ICDEX	5747	13-Oct-2015
^MDC(704.102	5748	08-Jan-2016
^ORA(102.4	5769	04-Jul-2016
OR(100	5771	03-Mar-2016
^WV(790.05	5772	04-Feb-2016
^MDC(704.117	5810	19-Apr-2016
^MDC(704.118	5811	16-Dec-2015
ADMIN^PSBVPR	6038	13-Apr-2016
GMPL EVENT	6065	08-Feb-2016
GET^TIUVPR	6077	04-May-2016
\$\$IFC^GMRCAPI	6082	30-Mar-2016
ACT^GMRCAPI	6082	30-Mar-2016
GET^GMRCAPI	6082	19-Apr-2016
MDC OBSERVATION UPDATE	6084	20-Apr-2016
RA EVSEND OR	6086	16-Feb-2016
LR70 CH EVSEND OR	6087	16-Feb-2016
^USR(8930	6088	02-Feb-2016
^USR(8930.1	6089	01-Dec-2015
OR EVSEND FH	6090	03-Mar-2016
OR EVSEND LRCH	6091	16-Feb-2016
OR EVSEND ORG	6092	13-Mar-2016
OR EVSEND PS	6093	13-Mar-2016
OR EVSEND RA	6094	04-Mar-2016

<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
OR EVSEND VPT	6095	29-Mar-2016
^TIU(8925	6154	20-Jan-2016
\$\$ACTLOC	6251	07-Mar-2016
\$\$LEXXFRM	6254	01-Feb-2016
DEFSORT	6261	07-Feb-2016
COMBPTS	6268	07-Mar-2016
IMTYPSEL	6269	07-Mar-2016
INPLOC	6272	07-Mar-2016
PCDETAIL	6273	07-Mar-2016
GETLIST	6274	07-Mar-2016
^EDP(230,"V"	6275	26-Apr-2016
^YTT(601.72	6277	15-Mar-2016
^TIU(8925.5	6279	25-Nov-2015
LAB(64.5	6280	17-Dec-2015
^OR(100.24	6283	06-Apr-2016
^PSB(53.79	6298	15-Apr-2016
TIU^HMPEVNT	6299	11-Jan-2016
POSTX^HMPEVNT	6301	11-Jan-2016
ORQQPL4 LEX	6348	02-Feb-2016
DGPF ASSIGN FLAG	6354	06-Apr-2016
GMRD(120.83	6357	04-Feb-2016
^ORD(100.98	6358	07-Feb-2016
STATUS^SDAMA308	6359	20-Apr-2016
GMRD(120.53	6364	24-Feb-2016
GMRD(120.52	6365	24-Feb-2016
GMRD(120.51	6366	24-Feb-2016
ORD(101.41	6367	03-Mar-2016
ORD(101.42	6368	04-Mar-2016
PS(51.2	6369	04-Mar-2016
PS(55	6395	21-Mar-2016
SCTM(404.51	6396	07-Apr-2016
FASTUSER	6397	06-Apr-2016
ORD(101	6400	07-Apr-2016
PSB EVSEND VPT	6085	5/4/16



<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
DETAIL^ORQ2	4203	10/31/16
PXK VISIT DATA EVENT	1298	5/18/16
GMPL(125.8,"AD"	2974	
AUTTHF("B"	1989	
NEW^GMPLSAVE	2978	
^RAMIS(71.2	587	
GMPL(125.8	2974	
RPC: GMV GET CURRENT TIME	4355	
RPC: GMV MARK ERROR	4414	
RPC: GMV ADD VM	3996	
RPC: GMV VITALS/CAT/QUAL	4359	
RPC: TIU CREATE ADDENDUM RECORD	1805	
RPC: TIU CREATE RECORD	1806	
RPC: TIU DELETE RECORD	1811	
RPC: TIU DOCUMENTS BY CONTEXT	3198	
ROC: TIU GET DOCUMENT TITLE	3923	
RPC: TIU GET RECORD TEXT	1635	
RPC: TIU GET REQUEST	3438	
RPC: TIU IS THIS A CONSULT?	3201	
RPC: TIU IS THIS A SURGERY?	3966	
RPC: TIU ISPRF	5986	
RPC: TIU LOCK RECORD	3897	
RPC: TIU LONG LIST OF TITLES	3204	
RPC: TIU REQUIRES COSIGNATURE	1800	
RPC: TIU SET DOCUMENT TEXT	3954	
RPC: TIU SIGN RECORD	1790	
RPC: TIU UNLOCK RECORD	3900	
RPC: TIU UPDATE RECORD	1799	
^AUTTEDT("B"	1987	
^AUTTEXAM("B"	1988	
^GMR(120.5,D0,2	1381	
^ORD(100.03,D0,0),"A")	2576	
DOCCLASS^TIUCL1	3548	
RPC: PX SAVE DATA	6023	

<b>Resource</b>	<b>DBIA #</b>	<b>Date Approved</b>
BSA AND BMI	6414	
DGPF CHANGE ASSIGNMENT OWNERSHIP	6416	7/25/16
DGPF EDIT ASSIGNMENT	6415	7/25/16
ACCEPT	6435	
EDITSAVE	6436	
VALID	6434	
SAVE	6440	
GETXTRA	6428	
CLINPTS2	6437	
LOCK	6440	
UNLOCK	6440	
File 120.5	6432	
ORDRNUM	6426	
LOCKORD	6440	
UNLKORD	6440	
SEND	6440	
LEX	6441	
VALIDSIG	6442	
RPC: ORQQVI NOTEVIT	6454	
CLINDOC^TIULC1	6489	
GETFREQ^ORWLEX	6490	
ADDSAVE^ORQQPL1	6448	11/8/16
PROB^ORQQPL3	6452	11/8/16
EDSAVE^ORQQPL1	6451	11/8/16
EDLOAD^ORQQPL1	6450	11/8/16
DELETE^ORQQPL2	6449	11/8/16
NOTEVIT^ORQQVI	6454	11/8/16
DETAIL^ORWOR	5655	11/10/16
EDITSAVE^ORWDAL32	5652	11/10/16
RPC: ORWDAL32 CLINUSER	6456	11/8/16

## D. Appendix 4 – New Parameters

Table D-1 details the new parameters.

**Table D-1 New Parameters**

New Parameters	
PARAMETER DEFINITION List	NOV 15, 2016@20:14 PAGE 1
-----	
NAME: HMPMON DASHBOARD UPDATE	DISPLAY TEXT: HMP Dashboard Update Rate
VALUE DATA TYPE: numeric	VALUE DOMAIN: 3:300
VALUE HELP: Enter a number between 3 and 300 seconds inclusively.	
DESCRIPTION:	
This parameter controls the behavior of option eHMP Dashboard [HMPMON DASHBOARD]. Most of this option's prompts time out normally, but its Action Prompts control monitoring screens that auto-update the screen when they time out, to provide dashboard functionality for monitoring the Vista-side eHMP software.	
This parameter ships with three settings:	
1) a package default setting, defined by the eHMP development team using parameter template HMPMON DASHBOARD PKG, accessed through menu option Set Package's Dashboard Auto-update Rate [HMPMON SET PKG DASHBOARD RATE], which should not be changed at local sites;	
2) a system setting that will override the package setting; it can be defined by the local system manager using parameter template HMPMON DASHBOARD SYS, accessed through menu option Set System's Dashboard Auto-update Rate [HMPMON SET SYS DASHBOARD RATE];	
3) a user setting that overrides the other two; it is defined by the current user using parameter HMPMON DASHBOARD USR, accessed by the dashboard action Change Auto-update Rate action within option eHMP Dashboard [HMPMON DASHBOARD].	
It is usually set to 3 to 30 seconds, but can be set as high as 300 seconds to support demonstration or teaching situations. If it is wholly absent, the user's default Vista time-out rate is used.	
PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 2	ENTITY FILE: SYSTEM
PRECEDENCE: 3	ENTITY FILE: PACKAGE
Template Name - Parameter	New/Modified/Deleted
-----	
HMPMON DASHBOARD PKG	New
HMPMON DASHBOARD SYS	New
HMPMON DASHBOARD USR	New
PARAMETER TEMPLATE List	NOV 15, 2016@20:12 PAGE 1
-----	
NUMBER: 123	NAME: HMPMON DASHBOARD PKG
DISPLAY TEXT: Dashboard Auto-update Rate	
USE ENTITY FROM: PACKAGE	
SEQUENCE: 1	PARAMETER: HMPMON DASHBOARD UPDATE
NUMBER: 125	NAME: HMPMON DASHBOARD SYS
DISPLAY TEXT: Dashboard Auto-update Rate	
USE ENTITY FROM: DOMAIN	
SEQUENCE: 1	PARAMETER: HMPMON DASHBOARD UPDATE
NUMBER: 124	NAME: HMPMON DASHBOARD USR
DISPLAY TEXT: Dashboard Auto-update Rate	
USE ENTITY FROM: NEW PERSON	
SEQUENCE: 1	PARAMETER: HMPMON DASHBOARD UPDATE