

# **Department of Veterans Affairs**

## **Non-VA Care Claims Processing Enhancements Computerized Patient Record System (CPRS) Interface to Healthcare Claims Processing System (HCPS)**

### **Version Description Document for T4 Build**



**November 2014**

**Version 2.3**

## Revision History

Note: The revision history cycle begins once changes or enhancements are requested after the document has been baselined.

Date	Version	Description	Author
3/7/2014	0.1	Initial Draft	Joshua [REDACTED]
6/25/2014	1.0	Fill in template with initial data	[REDACTED]
8/10/2014	2.0	Added information for T4 build	Patrick Hua
9/15/2014	2.1	Added Known Issue for Canceled/Discontinued	Joshua [REDACTED]
10/15/2014	2.2	Incorporated feedback from customer review	Joshua [REDACTED]
11/12/2014	2.3	Corrected incorrect PackMan message number in table 2.	[REDACTED]

## Artifact Rationale

The Version Description Document (VDD) is the primary configuration control document used to track and control versions of software to be released to the operational environment. It is a summary of the features and contents for the software build. It identifies and describes the version of the software being delivered, including all changes to the software since the last VDD was issued. Every release of the software (including the initial release) shall be described by a VDD. Without this document, it would be nearly impossible to move an application or system from development to deployment reliably. Therefore the document is mandatory for each deployment.

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# 1. Scope

This Version Description Document (VDD) is the documentation provided by Configuration Management (CM) to certify the integrity of the deliverable that is being handed off from the Non-VA Care Interface Support (NVCIS) Computerized Patient Record System (CPRS) - Healthcare Claims Processing System (HCPS) team. It pulls together the approved deliverables, including all of the NVCIS CPRS source code for the New Service Request #20100117 – Expanded Fee Pilot – CPRS Integration.

This VDD is not a Release Notes document as the VA historically has known the developer/support person to collaborate on as part of a basic (user, technical, and installation) documentation packet. These documents speak to additional functionality, changes in the technical infrastructure, and business purpose/mandate for a release. Its presence does not supersede the need for the user-friendly Release Notes that highlights the major functional or operational changes and is not to be published as part of VA Software Document Library, formerly the VHA Documentation Library.

In addition, this VDD is the inventory document similar to a packing list is to a received shipment, or a bill of lading. It itemizes the differences between previous and current deliverables in terms of code changes implemented.

# 2. Version Description

The VistA Consult/Request Tracking patch GMRC\*3.0\*75 package consists of the system or product produced by NVCIS CPRS – HCP team for FORUM. All documentation, and applicable release notes produced to date by the NVCIS CPRS - HCPS team for the VA Software Document Library is located at: [REDACTED] It contains information related to the enhancements made to CPRS to support a bi-directional interface to the Healthcare Claims Processing (HCP) system. This includes final, customer-accepted versions of the documentation. This deliverable was produced by the NVCIS CPRS - HCP team without CM involvement and therefore the ability to reproduce this is uncertain. The package named “Non-VA Care Interface Support CPRS - HCPS” consists of the following files to describe this release:

- Non-VA Care Claims Processing Enhancements Computerized Patient Record System (CPRS) Interface to Healthcare Claims Processing System (HCPS) Version Description
- Consult/Request Tracking Technical Manual
- Non-VA Care Claims Processing Enhancements Computerized Patient Record System (CPRS) Interface to Healthcare Claims Processing System (HCPS) Installation Guide
- Consult/Request Tracking User Manual

The GMRC\*3.0\*75 patch will be implemented at all VHA Facilities.

Table 1 provides a summary for each Change Request

**Table 1: Change Request for This Release**

Change Request ID	Summary
N/A	This build provide functionality to send and receive the author and date/time in the NTE segment.

Change Request ID	Summary
N/A	This build also provide functionality to send and receive 'ZZ' in OBR.4 and 'W' in DG1.6.
N/A	This build also add the 'HCPS,APPLICATION PROXY' user to the NEW PERSON (#200) file.

### 3. Release Inventory

Table 2 lists the release inventory.

**Table 2: Inventory of Release Components**

Release Component	Description	Method of Delivery	Recipient	Location
<b>GMRC*3.0*75</b>	This patch creates HL7 protocols, applications, a logical link, and routines to send and receive HL7 messages between VistA and the Healthcare Claims Processing System (HCPS) in Austin, TX for Non VA Care consults.	PackMan message #68397363 via the national patch module on FORUM.	VHA Facilities	FORUM
<b>PROTOCOLS Associated</b>				
GMRC CONSULTS TO HCP	Creates and sends an REF^I12, REF^I13, or REF^I14 HL7 message to the Healthcare Claims Processing System when a consult is generated for a fee basis service.			
GMRC HCP REF-I12 SERVER	Sends HL7 REF^I12 v2.5 messages to HCP application for new Non-VA Care Referrals.			
GMRC HCP REF-I12 CLIENT	Sends HL7 REF^I12 v2.5 messages to HCP application for new Non-VA Care Referrals.			
GMRC HCP REF-I13 SERVER	Sends HL7 REF^I13 v2.5 messages to HCP application for updated Non-VA Care Referrals.			

Release Component	Description	Method of Delivery	Recipient	Location
GMRC HCP REF-I13 CLIENT	Sends HL7 REF^I13 v2.5 messages to HCP application for updated Non-VA Care Referrals.			
GMRC HCP REF-I14 SERVER	Sends HL7 REF^I14 v2.5 messages to HCP application for canceled or discontinued Non-VA Care Referrals.			
GMRC HCP REF-I14 CLIENT	Sends HL7 REF^I14 v2.5 messages to HCP application for canceled or discontinued Non-VA Care Referrals.			
GMRC HCP RRI-I13 SERVER	Receives HL7 RRI^I13 v2.5 messages from HCP application for updated Non-VA Care Referrals.			
GMRC HCP RRI-I13 CLIENT	Receives HL7 RRI^I13 v2.5 messages from HCP application for updated Non-VA Care Referrals.			
<b>HL7 APPLICATIONS Associated</b>				
GMRC HCP SEND	SENDING APPLICATION field (#770.1) of the PROTOCOL File (#101)			
GMRC HCP RECEIVE	RECEIVING APPLICATION field (#770.2) of the PROTOCOL File (#101)			
<b>HL LOGICAL LINK Associated</b>				
GMRCHCP	This link stores the parameters & information that govern the behavior of the lower level protocols, drives the link monitor display, and manage the data flow in the queues.			
<b>ROUTINES Associated</b>				

Release Component	Description	Method of Delivery	Recipient	Location
GMRCACMT	Modified routine to send an HL7 v2.5 REF message to HCPS when a user adds a comment to a Non VA Care consult through CPRS or VistA alerts applications.			
GMRCGUIB	Modified routine to send an HL7 v2.5 REF message to HCPS when a user adds a comment to a Non VA Care consult through CPRS or VistA alerts applications.			
GMRCHL7H	New routine to receive consult event messages and generate outgoing HL7 v2.5 REF (patient referral) messages from CPRS to HCP.			
GMRCHL7P	New routine to receive consult event messages and generate outgoing HL7 v2.5 REF (patient referral) messages from CPRS to HCP.			
GMRCHL7I	New routine to process incoming HL7 v2.5 RRI (return referral information) messages from HCP to CPRS.			
GMRC75P	New routine to add the 'HCPS, APPLICATION PROXY' user to the NEW PERSON (#200) file.			

### 3.1. Electronic Media Released

N/A

### 3.2. Physical Media Released

N/A

## 4. Associated Supporting Documentation

Table 3 lists the support documents that are associated with this deliverable:

**Table 3: Associated Supporting Documentation**

Document Name	Revision	Date
Consult Technical Manual.doc	--	March 2014
Consult Installation Guide for GMRC*3.0*75.doc	1.0	March 2014
Consult User Manual.doc	--	March 2014

## 5. Certification

The Configuration Manager for this release certifies that the contents of the packaged release defined by this VDD consist of artifacts archived in FORUM for GMRC\*3.0\*75 with a baseline ID of 'GMRC\*3\*75 TEST v4' on 08/08/14. The FORUM PackMan message number is 68397363.

The status of all change requests and code change requests listed in this document in the Change Record Reports section have been verified and are consistent with what is reported here.

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Signed

Date



## Appendix A. Release Notes

### A.1. Introduction

The GMRC\*3.0\*75 patch creates Health Level 7 (HL7) protocols, applications, a logical link and routines to send HL7 messages to and from the Healthcare Claims Processing System (HCPS) for Non-VA Care consults.

### A.1. Purpose

These release notes cover the new features provided by patch GMRC\*3.0\*75. All other documents referenced herein can be found on the VA Software Document Library at:



### A.2. Audience

This document targets users and administrators of the Computerized Patient Record System (CPRS) Consult product and applies primarily to the changes made by GMRC\*3.0\*75.

### A.2. This Release

The following sections provide, in brief, the new features and functions added by patch GMRC\*3.0\*75. The features and components of this patch are detailed in the Consult Technical Manual.

### A.3. Features and Functionality

The following table lists the new features added by the GMRC\*3.0\*75 patch.

**Table 2: New Consult Features**

Features
New HL7 components (protocols, applications, and a logical link) support messages to and from HCPS. REF-I12 (patient referral) messages are sent for new or resubmitted consults. REF-I13 messages are sent for updates to consults (status changes, comments added, etc.). REF-I14 messages are sent for cancelled and discontinued consults.
New routines GMRCHL7H and GMRCHL7P process consult event messages and generate outgoing HL7 v2.5 REF (patient referral) messages.
New routine GMRCHL7I processes incoming HL7 v2.5 RRI (return referral information) messages.
Modified GMRCGUIB and GMRCACMT routines send HL7 v2.5 REF messages to HCPS when a user adds a comment to a Non-VA Care consult through CPRS or the VistA Alerts applications.
New routine GMRC75P adds the 'HCPS,APPLICATION PROXY' user to the NEW PERSON (#200) file.

### A.3. Upgrades

No upgrade information applies.


### A.4. Known Issues

Until HCPS supports the receipt of Canceled and/or Discontinued referral messages from CPRS, CPRS will automatically receive an application error message from HCPS.

Error messages will be routed to mail group 'GMRC HCP HL7 MESSAGES'. There is no impact to CPRS's functionality for canceling or discontinuing a referral. No action is required on the part of users, because these messages are informational until they can be handled by HCPS.

In the interim, a manual workaround has been introduced by the HCPS team to keep the HCPS referrals synchronized with CPRS referrals until HCPS can support the process automation. Refer to HCPS documentation for specific details.

## **A.5. Product Documentation**

The following documents (located at the VA Software Document Library at: ) apply to this release:

- Consult Installation Guide for GMRC\*3.0\*75
- Consult Technical Manual
- Consult User Guide