

Care Coordination Home Telehealth (CCHT)

Version Description Document



IHTA_6.5.0.TBD.01

June 2014

Document Revision History

Date	Revision	Description	Author
06/09/2014	.01	Care Coordination Home Telehealth (CCHT); OSCiF submission	

Version History

Date	Release	Description	Author
06/09/2014	6.5.0.TBD.01	Care Coordination Home Telehealth (CCHT)	

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1. Scope

This Version Description Document (VDD) is provided by the Department of Veterans Affairs (VA) Product Development Configuration Management (CM) to certify the integrity of the IHTA_6.5.0.TBD.01 deliverable being handed off to HealthVet production by the CCHT_HTCE Product Development (PD) team. This VDD provides a list of all approved Change Requests for all deliverable artifacts including source code, database scripts, data updates, and electronic documentation (on-line help). In addition, it includes verified baselines of the artifacts. This delivery has been packaged under standard PD process and is certified based on the control, review and audit procedures inherent in the VA CM processes.

NOTE: The Product is CCHT. The Project is CCHT_enh (for enhancements). The Project Team began as HTIE – for Home Telehealth Infrastructure Enhancements and was later changed to HTCE – for Home Telehealth Capability Enhancements. The name changes do not change everywhere so in the Rational Tools it stayed CCHT and CCHT_enh. The application has always been called IHTA for Integrated Home Telehealth Application (but the ear file is CCHT.ear). Because of the number of names, they tend to be used interchangeably, depending on the situation.

This VDD is not a substitute for a Release Notes document as is historically provided by a developer/support person as part of a basic (user, technical, and installation) documentation packet. The VDD document speaks to new functionality, changes in the technical infrastructure, and the business purpose/mandate for a release. It is a highly technical document, which does not supersede the need for the user-friendly Release Notes that highlight major functional or operational changes. The VDD is not to be published as part of VA Software Document Library, formerly the VHA Documentation Library.

This VDD also serves as an inventory document similar to a packing list for a received shipment, or a bill of lading. It itemizes the differences between previous and current deliverables in terms of change orders implemented, and provides a sign-off statement from the CM team which follows the required Release, Change and Configuration Management procedures in the hand-off of a deliverable and its approved changes.

N.B. Release 6.5.0 is still in development and this VDD will be updated as release information is available, new baselines are created, etc. Final version will be determined when product is ready for release. In the interim, “TBD” will substitute for final build/version number.

2. Certification

I, [REDACTED] from the Configuration Management Competency Team, a member of the Product Assessment Division of Development Management Service in PD of the Office of Information Technology (OIT) assigned to the Home Telehealth Capability Enhancements (HTCE) product for this release, hereby certify that the contents of the packaged HTCE_6.5.0.TBD.01 release associated with this document consists of software code artifacts archived in the Rational Tools Repositories for CCHT_enh_R6.5.0 baselined on TBD. (The baseline headers listed below are for most recent baselines of each stream and will be updated as needed for Release 6.5.0.) Additionally, the statuses of all Change Requests, listed in this document in the Change Request Reports section, have been verified to be consistent with what is reported herein.

- The content of the production release-package referenced by this document consists of artifacts archived in the Configuration Management Clear Case Repositories for version 6.5.0 of CCHT as “CCHT_enh” Unified Change Management (UCM) projects. These artifacts are version controlled in version controlled databases maintained by the Department of Veterans Affairs (VA) OIT PD Rational Tools Team in Hines, Illinois.

- Server:
Hines
- Pvob:
CCHT_pvob
- Project:
CCHT_enh_Bld
- Component:
CCHT Bld
- Stream:
CCHT_enh_Bld_BL
- Baseline:
CCHT_enh_Bld_4.0.0.99001_4_24_2012.9621@CCHT_pvob

- Server:
Hines
- Pvob:
CCHT_pvob
- Project:
CCHT_enh_DB
- Component:
DB
- Stream:
CCHT_enh_DB_BL
- Baseline:
CCHT_6.0.0_enh_DB_3_28_2014@CCHT_pvob

- Server:
Hines
- Pvob:

- CCHT_pvob
- Project:
 - CCHT_enh_Dev, CCHT_app
- Component:
 - CCHT app
- Stream:
 - CCHT_enh_Dev_BL
- Baseline:
 - CCHT_6.0.0.045.01_enh_Dev_3_29_2014.9730@\CCHT_pvob

- Server:
 - Hines
- Pvob:
 - CCHT_pvob
- Project:
 - CCHT_enh_Dev, CCHT_common
- Component:
 - CCHT common
- Stream:
 - CCHT_enh_Dev_BL
- Baseline:
 - CCHT_common_INITIAL @\CCHT_pvob

- Server:
 - Hines
- Pvob:
 - CCHT_pvob
- Project:
 - CCHT_enh_Dev, CCHT_framework
- Component:
 - CCHT_framework
- Stream:
 - CCHT_enh_Dev_BL
- Baseline:
 - CCHT_5.0.0_enh_Dev_3.5.0.70001_9_29_2011.7438@\CCHT_pvob

- Server:
 - Hines
- Pvob:
 - CCHT_pvob
- Project:
 - CCHT_enh_Doc
- Component:
 - Doc
- Stream:
 - CCHT_enh_Doc_BL

- Baseline:
CCHT_6.0.0.045.01_enh_Doc_3_29_2014@\\CCHT_pvob

- Server:
Hines
- Pvob:
CCHT_pvob
- Project:
CCHT_enh_Roboh
- Component:
Roboh
- Stream:
CCHT_enh_Roboh_BL
- Baseline:
CCHT_6.0.0.045.01_enh_Roboh_3_29_2014@\\CCHT_pvob

- Server:
Hines
- Pvob:
CCHT_pvob
- Project:
CCHT_Lib
- Component:
Name of Component
- Stream:
CCHT_Lib_BL
- Baseline:
CCHT_Lib_3.5.0.70001_9_29_2011@\\CCHT_pvob

3. Version Description

This production release of CCHT_6.5.0.TBD.01 has been labeled as CCHT_IHTA_6.5.0.TBD.01 and consists of one .ear file “ccht.ear”, 9 zipped online help files, and production database scripts. The Release package is stored in the Rational Clear Case repository in Hines, IL in the CCHT_enh_Cand project in the folder labeled 6.5.0.TBD.01.

The contents of these deliverables are further described in Section 5, Inventory.

3.1. Verification:

I, [REDACTED], have verified the status of all of the items listed in the Inventory of this document and certify the following:

This VDD for the production release package of IHTA_6.5.0 describes the HTCE release produced on 07/TBD/2014 by the CCHT-HTCE team for deployment to production. The baselines for the IHTA_6.5.0 Application are in the CCHT Repository in Hines. The Change Request Records for the

IHTA_6.5.0 Application (also known as the HTCE_6.5.0 Release) are in the CCHT ClearQuest Repository in Hines. All artifacts used in the release are in the CCM repositories and under CM control, and follow CM processes and procedures.

This VDD lists the Code Change Record Reports for defects and enhancements that were completed and applied to the IHTA_6.5.0 application for the HTCE_6.5.0 release. All artifacts listed here are contained within the CCHT CM Version Management Archive. The executable (ccht.ear) was compiled with CM involvement and therefore the ability to reproduce this release is herein certified. All artifacts used to produce this delivery are in the CM repository and were managed by CM for producing the deliverable following CM processes and procedures.

This VDD lists all artifacts associated with the baselines bearing the label “6.5.0. TBD.01” as well as those with previous labels on artifacts included in this release but unchanged since a prior release.

The package is stored in the ClearCase CCHT_enh_Cand project in the CCHT ClearCase repository and named “CCHT_IHTA_6.5.0.TBD.01”, which includes the ccht.ear file, 9 zipped online help files, and the following files to describe this release:

- MD5 checksums
- IHTA_6.5.0_VDD.doc x
- AllArtifacts_CM_IHTA_6.5.0.xls
- Changed_New_Artifacts_CM_IHTA_6.5.0.xls

Note: As this is a full release of IHTA to production, the “All Artifacts” and “Changed_New_Artifacts” documents are identical. If future patch releases are needed for this release, the Changed_New_Artifacts” document will reflect only the changes made since the 6.5.0.TBD.01 July TBD, 2014 release of this product.

The HTCE_6.5.0.TBD.01 production release has been deployed to [REDACTED] and is fully accessible only to registered users of the product.

(insert .xls files)

3.2. Source Code

Source code for this release is maintained in the Veterans Administration ClearCase repositories in Hines IL, as required by VA directive. The source code for this release is located in the CCHT pvob(s), in the CCHT_Dev_RelX project, and contained in the CCHT_common and CCHT_lib vobs.

3.3. Build

CCHT has an automated build process. The developers are able to run CCHT build scripts and build their changes locally to check their changes in their local Integrated Development Environment (IDE) prior to checking them in. When developers are ready, they may check their files into ClearCase and move to the DEV area on the build machine to run the automated process that pulls the developer code from the DEV stream in source control, compiles it into an ear file, and deploys it to an IDE where it can be looked at with the changes from others. The build scripts identify any dev build with a built-in file identifying it with the label “DEV” followed by the date and time of the build pulled from the build machine. This label is built into the ear, and is displayed on the logon page of the application when the build is run.

When the Change package is complete for the CCR to which it corresponds, the developer updates the CCR, changes the state to complete, and assigns it to CM for inclusion in a CM controlled build from the BL stream. CCHT does not employ a continuous build process. CCHT has a scheduled daily build and CM will build on request in the event of a problem that requires intervention.

CM controls the delivery of changes to the baseline stream. CCHT uses Unified Change Management (UCM) to deliver activities consisting of change packages associated with approved change requests. CM audits the deliveries and produces a daily build note that lists the CCRs that can be tested in the build, the list of files changed in the change packages, and the activities that associate the change packages to the approved change requests. The delivery is associated with a unique build number which identifies the build and the associated files in that build. In effect, each build is a potential release candidate and can be base-lined and uniquely identified as such.

The code is pulled from the ClearCase repository along with the build scripts, and the environment set up properties. The automated process sets the path to the codes, and the properties for CCHT's defined environments. The build machine is a Linux box running RedHat5. Java home and Maven Home are set by properties files specific to the machine being used and the Weblogic libraries are built from CCHT_Lib as called from the pom files in the CCHT_app project. Versions and Paths including the (local repository for CC) are specific to the machine being used and for our machines are checked into CC with the properties files in the setup file which is called from the first line of the build script which is also checked in. Any changes to the build environment, scripts, or properties, must be made like any other change with an approved change request checked into ClearCase and subsequently delivered to the baseline stream. The process compiles the ear file, pulls the Robohelp files, and delivers the package to the SQA test environment where it is deployed and launched. The ear file is labeled internally with the unique build number which is displayed on the login page. The ear and help files and their associated md5 checksums constitute a delivery package (possible release candidate) which may be deployed to test environments including SQA, User Acceptance, IVV, Demo, Pre-Prod or Prod. The ear does not need to be rebuilt for each environment, only tested with the appropriate properties files that point it at the correct servers, IP addresses, database etc. Properties files are unique to the environment where the ear is deployed and are not built into the ear.

The CM prepares a build note with each build that provides the name of the build and its build number, the list of activities delivered for the build, list of files changed in the build, the list of CCRs that were completed in the build and can be tested, and a link that takes the user directly to the build deployed and ready to use.

4. Change Request Reports

Change Requests relative to the IHTA_6.5.0 baseline are listed in Appendix 1: Change Request (CR) Report for IHTA_6.5.0. All PD CRs relative to current development and previously delivered versions of this product are available for review in the CM CCHT Rational Clear Quest Change Request repository maintained in Hines Illinois by the VA_OIT_PD_RationalToolsTeam. Direct reference to this CM status accounting repository may be provided on request.

IHTA is an Agile Development Project and uses Rational ClearQuest to track all changes made to the baseline of the prior release. These are not limited to defects and enhancements, but include all changes to configurable items housed in ClearCase. CIs include source code, database scripts, on-line help files, environment variables, models, and documents.

The complete list of CRs incorporated into this release as enhancements or bug-fixes (defects) can be found in Appendix 1: Change Request Report for IHTA_6.5.0.

4.1. Contacts:

For any questions concerning the source of the contents of this package contact [REDACTED]
[REDACTED]

5. Inventory

This production release of CCHT_HTCE_6.5.0.TBD.01 consists of one .ear file “ccht.ear” and nine on-line help zip files. The MD5 checksum for the ear file is:

TBD

5.1. Electronic Media Released

Contents of the ccht.ear file include the following with their MD5sums:

TBD

Contents of online help files include the following with their MD5sums:

TBD

5.2. Physical Media Released

There is no physical media provided with this deliverable.

6. Acronym Table

Table 1: Acronyms and Abbreviations

Acronym	Definition
CCHT	Care Coordination Home Telehealth
CM	Configuration Management
HTCE	Home Telehealth Capability Enhancements
IDE	Integrated Development Environment
IHTA	Integrated Home Telehealth Application
MD5	Message-Digest algorithm 5 (widely used cryptographic hash function with 128 bit hash value. Specified in RFC 131.)
NPM	National Patch Module
OIT	Office of Information Technology
PD	Product Development
VA	Department of Veterans Affairs
VDD	Version Description Document

Appendix 1: Change Request Report for IHTA_6.5.0

A total of 5 CCRs (both enhancements and defects) are scheduled for release into the 6.5.0 production environment. (*as of this Draft VDD for OSCiF*)

id2	Category	Rel#	Bld	Headline
HTCE_CodeCR1131	HTCE HT Reports	6.5.0	11	HTCE - HT Reports - Patient Survey Reports - Pat Sat. v2.0 question downloaded file, remove text
HTCE_CodeCR1136	HTCE HT Reports	6.5.0	01	HTCE - Census Activity Reports - Create Menu
HTCE_CodeCR1137	HTCE HT Reports	6.5.0	01	HTCE - Census Activity Reports - Create Report Criteria Screen
HTCE_CodeCR1139	HTCE HT Reports	6.5.0	03	HTCE - HT Reports - Open HT Reports up to all IHTA users except Vendors
HTCE_CodeCR1140	HTCE HT Reports	6.5.0	05	HTCE - OLH Updates Required Per CCR1139 - HT Reports Access (Exclude Vendor Role)