RESOURCE AND PATIENT MANAGEMENT SYSTEM

CHIT 2015 Edition Cures Update— USCDI Release

(CHIT)

Installation Guide and Release Notes

Version 1.0
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Office of Information Technology
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Preface

This document is used to assist in the setup and installation of the Certified Health Information Technology (CHIT) 2015 Edition Cures Update packages that were released for CHIT 2015 Edition Cures Update—United States Core Data for Interoperability (USCDI) release. These instructions have been compiled to facilitate any preparation that can be done to a system that will be upgraded to most recent CHIT 2015 status, which includes the 2015 Edition Cures Update status for USCDI.

1.0   Release Notes

All national release packages must be installed prior to installing the CHIT 2015 Edition Cures Update—USCDI certification packages. To ensure the Electronic Health Record (EHR) complies with the maintenance of certification requirements, install each of the packages in this release as soon as possible but no later than 12/31/2022.

2.0　　Checklist for CHIT 2015 Edition Cures Update - USCDI Release

Table 2-1: CHIT 2015 Edition Cures Update—USCDI Release Checklist

Complete	Time Frame	Instructions	Notes
☐	Before CHIT 2015 Edition Cures Update upgrade	Review Clinical Note Mappings for BCCD post install	Section 5.0
☐	Before CHIT 2015 Edition Cures Update upgrade	Make sure system is updated with all national released packages	Section 6.0
☐	Before CHIT 2015 Edition Cures Update upgrade	Determine Contingency Plan	Section 7.0
☐	Before CHIT 2015 Edition Cures Update upgrade	Create backup	Section 8.0
☐	CHIT 2015 Edition Cures Update—USCDI Install	Install CHIT 2015 Edition Cures Update—USCDI release packages	Section 9.0

3.0 Prerequisite Packages

Install Latest 2015 Certified RPMS EHR packages listed in Table 3-1, which requires HealthShare 2017.2.2 (See Section 4.0 for details). These packages may have new releases; therefore, after install, make sure the system is updated with all nationally released packages (See Section 5.0 for details).

Table 3-1: Required packages by namespace, name, version, and patch

Namespace	Package Name	Version	Patch	Installed at Site (Y/N)	In Use at Site (Y/N)
AG	Patient Registration	7.2	8		
APCL	IHS PCC Management Reports	3	32		
APCM	IHS MU Performance Reports (2020)	2			
APSP	IHS Pharmacy Modifications	7	1028		
AUM	ICD Operations, Procedures, and Diagnosis	21	5		
AUPN	IHS Dictionaries (Patient)	99.1	28		
AUT	IHS Dictionaries (Pointers)	98.1	28		
AVA	IHS VA Support Files	93. 2	26		
BCCD	Consolidated Clinical Document Architecture (CCDA)	2			
BCOM	IHS Communications Support	1			
BCQM	IHS Code Mapping	1	8		
BEDD	IHS Emergency Department Dashboard	2	5		
*BEPR	e-Prescribing Productions	2	4		
BJPC	IHS PCC Suite	2	25		
BI	Immunization Tracking System	8.5	22		
BMW	RPMS/Ensemble Cache Classes Database File	2020.3			
BPHR	IHS RPMS Personal Health Record (PHR)	2.1	4		

Namespace	Package Name	Version	Patch	Installed at Site (Y/N)	In Use at Site (Y/N)
BPRM	Practice Management Application Suite	3	8		
BQI	iCare Population Management GUI	2.9.2	1		
BQRE	eCQM Export Tool	4			
BRDM	RPMS Direct Secure Messaging System	1	4		
BUSA	IHS User Security Audit	1	3		
BYIM	Immunization Interface Management	3			
DI	VA FileMan	22	1020		
ECQM	eCQM Engine	4			
EHR	Electronic Health Record	1.1	33		
LR	Laboratory	5.2	1049		
RA	Radiology	5	1008		
TIU	Text Integration Utility	1	1023		
XT	Kernel Toolkit	7.3	1019		
XU	Kernel	8	1020		

*BEPR is only required if the package was previously installed at the site

4.0 HealthShare 2017.2.2

HealthShare 2017.2.2 and all required releases related to HealthShare 2017.2.2 was a requirement for upgrading to the RPMS EHR 2015 CHIT, which was delivered in September 2020.

Return to the Checklist in Section 2.0.

5.0 CCDA Clinical Notes Notification

Before installing BCCD v2.0 p1, please work with your HIM staff to identify TIU notes that map to one or more CCDA Clinical Note types. This section provides a brief overview for mapping clinical notes; however, refer to sections 3.1.2 and 3.1.3 of the BCCD v2.0 patch 1 User Manual and the 21 CCA USCDI BCCD v2.0 p1 training to better understand the clinical notes functionality.

The CCDA contains new information called clinical notes consisting of Consultation, Discharge Summary, History and Physical, Procedure, and Progress Notes. The TIU Notes in EHR populate the clinical notes' information.

The BCCD CLIN – Edit CCDA Clinical Site Parameters menu option includes functionality to assign TIU Notes to the appropriate Clinical Note type to ensure TIU Notes in EHR populate the appropriate Clinical Notes section of the CCDA. In addition, this option allows sites to exclude TIU note(s) by title or class from appearing in any Clinical Notes section of the CCDA.

After installation, please set up this functionality to ensure the TIU Notes appear in the Clinical Notes sections of the CCDA as expected, as well as any exclusions that should not appear on the CCDA.

> **Note:** The Progress Notes section is a catch-all of TIU Notes that do not appear in one of the other Clinical Notes sections or included in as a site note exclusion.

Clinical note types are defined as follows:

Consultation Note (LOINC® 11488-4) is generated by a provider upon request for an opinion or advice from another provider. Consultations may involve face-to-face time with the patient, telemedicine visits, or a second opinion on a diagnosis that does not involve interaction with a patient. A consultation note is typically sent to the referring provider when the consultation is completed.

Discharge Summary Note (LOINC® 18842-5) is a synopsis of a patient's admission and course in a hospital or post-acute care setting. Discharge summary is a synopsis of a patient's admission to a hospital; it provides pertinent information for the continuation of care following discharge. The summary may include the reason for hospitalization, procedures performed, the care, treatment and services provided, the patient's condition and disposition at discharge, information provided to the patient and family, and provisions for follow-up care.

History & Physical (LOINC® 34117-2) is a medical report that documents the current and past conditions and observations of the patient. It contains essential information that helps determine an individual's health status.

Procedure Note (LOINC® 28570-0) is a broad term that encompasses many specific types of non-operative procedures including interventional cardiology, interventional radiology, gastrointestinal endoscopy, osteopathic manipulation, and many other specialty fields. Procedure Notes are differentiated from Operative Notes in that the procedures documented do not involve incision or excision as the primary act. The Procedure Note is created immediately following a non-operative procedure and records the indications for the procedure and, when applicable, post-procedure diagnosis, pertinent events of the procedure, and the patient's tolerance of the procedure.

Progress Note (LOINC® 11506-3) represents a patient's interval status during a hospitalization, outpatient visit, treatment with a LTPAC provider, or other healthcare encounter. A Progress Note documents a patient's clinical status during a hospitalization or outpatient visit; thus, it is associated with an encounter.

> **Note:** This section is used as a catch-all for notes not already displayed in another section or included in as a site note exclusion.

Site-wide Clinical Notes exclusions should only be used in cases where a TIU note Title or Document Class is used to document "restricted" information that should not be shared with other providers or the patient via the CCDA or PHR.

> **Note:** Work with your HIM staff to identify TIU notes that may fall into this category.

Return to the Checklist in Section 2.0.

6.0   National Release Package List

Please make sure your system is updated with all the nationally released packages that are listed on the RPMS website:

https://www.ihs.gov/sites/RPMS/SRCB/newsrcb.pdf

Return to the Checklist in Section 2.0.

7.0   Contingency Plan

If the site is a 24/7 site, have a contingency plan in place.

Prepare a **View Only** copy of the site database with EHR installed.

Return to the Checklist in Section 2.0.

8.0   Create Backup File

Test the backup by performing a restore in a different location.

Return to the Checklist in Section 2.0.

9.0 CHIT 2015 Edition Cures Update USCDI Release

9.1 List of Packages for CHIT 2015 Edition Cures Update USCDI Release and Installation Order

Although not required for the CHIT 2015 Edition Cures Update USCDI release, Image Viewer BMAG Version 3.0 Patch 193 was released simultaneously, and it is recommended to install this patch prior to installing the packages in Table 9-1.

Table 9-1: CHIT 2015 Edition Cures Update packages and installation order

Install Order	Namespace	Package Name	Version	Patch
1	EHR	Electronic Health Record	1.1	34
2	BMW	RPMS/Ensemble Cache Classes Database File	2022.3	
3	BCCD	Clinical Care Document	2.0	1
4	BQI	iCare	2.9	3
5	BCER	Certified Electronic Health Record Check	6.0	

**For a complete list of pre-requisites to the above patches always refer to technical documentation

Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

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