

PCE Standardization 1.0

Deployment, Installation, Back-Out, and Rollback Guide

**Patient Care Encounter (PCE), Clinical Reminders (PXRМ), and
Health Summary (GMTS)**

**Patches PX*1*211, PXRМ*2*42, GMTS*2.7*122, GMPL*2*53, and
OR*3*501**



Version 1.4

May 2021

**Department of Veterans Affairs
Office of Information and Technology (OI&T)**

Revision History

Date	Version	Description	Author
2021	1.4	<ul style="list-style-type: none"> • Add Post-Installation Section • Update Download and Back-Out/Rollback instructions and Appendices • Revise dates on Title page and in Footers 	Liberty ITS
May 2019	1.3	Updates for T7: <ul style="list-style-type: none"> • Removed Site Information Section • Updated Related Web Sites • Updated 4.8-5 Example • Updated 4.8-7 Example • Updated Appendix A • Updated Appendix B • Updated Appendix C • Updated Appendix D 	
May 2019	1.2	<ul style="list-style-type: none"> • Minor updates to go to t4 and add OR*3*501 • Updated web links 	
November 2018	1.2	<ul style="list-style-type: none"> • Reduced Intro Content • Added sub-section titled “Constraints” (required per VIP DIBOR template) 	
October 2018		Minor edits	
June 2018	1.1	Update Installation Instructions	
April 2018	1.0	Initial Draft	

Table of Contents

1	Introduction	1
1.1	Dependencies	1
1.2	Constraints.....	1
2	Roles and Responsibilities	2
3	Deployment.....	4
3.1	Timeline.....	4
3.2	Site Readiness Assessment.....	4
3.2.1	Deployment Topology (Targeted Architecture).....	4
3.2.2	Site Preparation	4
3.3	Related Documentation	4
3.4	Related Web Sites	5
3.4.1	Hardware	5
3.4.2	Software.....	5
3.4.3	Communications.....	5
4	Installation	6
4.1	Pre-installation and System Requirements.....	6
4.2	Platform Installation and Preparation.....	6
4.3	Download and Extract Files.....	6
4.4	Database Creation	6
4.5	Installation Scripts	6
4.6	Cron Scripts	6
4.7	Access Requirements and Skills Needed for the Installation.....	6
4.8	Installation Procedure.....	7
1.	Retrieve the host file containing the multi-package build	7
2.	Install the patch first in a training or test account.....	7
3.	Back out preparation.....	7
4.	Load the Distribution	7
5.	Backup a Transport Global.....	8
6.	Compare Transport Global to Current System	9
7.	Verify Checksums in Transport Global	9
8.	Install the Build.....	9

4.9	Installation Verification Procedure	10
4.10	Post Installation.....	10
4.11	System Configuration	10
4.12	Database Tuning.....	10
5	Back-Out Procedure	11
5.1	Back-Out Strategy	11
5.2	Back-Out Considerations	11
5.2.1	Load Testing	11
5.2.2	User Acceptance Testing.....	11
5.3	Back-Out Criteria	11
5.4	Back-Out Risks	11
5.5	Authority for Back-Out.....	11
5.6	Back-Out Procedure.....	11
6	Rollback Procedure	12
6.1	Rollback Considerations	12
6.2	Rollback Criteria	12
6.3	Rollback Risks	12
6.4	Authority for Rollback.....	12
6.5	Rollback Procedure.....	12
6.6	Rollback Verification Procedure	12
7	Acronyms.....	13
	Appendix A: Installation Example	14
	Appendix B: Post-Install Checksums.....	22
	Appendix C: Install File Print Example	27
	Appendix D: Build File Print Example.....	31

1 Introduction

This document describes how to install the PCE STANDARDIZATION 1.0 multi-package build (consisting of PX*1.0*211, PXR*2.0*42, GMTS*2.7*122, GMPL*2.0*53, and OR*3.0*501), as well as how to back-out the product and rollback to a previous version or data set. This document is a companion to the project charter and management plan for this effort.

The PCE Standardization 1.0 project addresses the lack of standardized data in PCE, which is a barrier to important areas including: interoperability, clinical decision support, and quality reporting. Standardization of immunizations and skin tests was addressed by the VistA Immunization Enhancement (VIMM) project. The goal of this patch is, to the extent possible, to standardize the legacy data in Education Topics, Exams, and Health Factors and to introduce a new V file for capturing standardized codes other than International Classification of Diseases (ICD), Current Procedural Terminology (CPT), and Healthcare Common Procedure Coding System (HCPCS). Systematized Nomenclature of Medicine - Clinical Terms (SNOMED CT) will be the first coding system supported by the new V file. The ability to use a richer set of standardized codes should reduce the need to create new non-standard data types, especially health factors.

The purpose of this guide is to provide a single, common document that describes how to install PCE STANDARDIZATION 1.0, as well as how it is to be backed out and rolled back, if necessary. The guide also identifies resources and communications plan. Specific instructions for installation, back-out, and rollback are included in this document.

1.1 Dependencies

Required builds:

- LEX*2.0*102
- XU*8.0*657
- PX*1.0*216
- DI*22.2*3
- DI*22.2*5
- OR*3.0*361
- OR*3.0*377
- PXR*2.0*45
- PXR*2.0*46
- GMPL*2*50
- GMTS*2.7*56
- GMTS*2.7*110
- GMPL*2.0*49

1.2 Constraints

N/A

2 Roles and Responsibilities

No single entity is in charge of decision making for deployment, installation, back out and rollback of the PCE Standardization Build. Rather, the Critical Decision Point representatives (commonly referred to as the three in the box) under the Veterans In Process (VIP) will meet and approve release from a business perspective.

If an issue with the software arises that would require a national rollback, then the same three in the box members under VIP will coordinate with several groups (including Patient Safety, Health Product Support, Information Technology Operations Service (ITOPS), and Site leadership) to decide whether a back out and rollback of the software is necessary. The Facility Area Manager has the final authority to require the patch back out and data rollback and accept the associated risks.

The following table provides PCE Standardization 1.0 project information.

Table 1: Deployment, Installation, Back-Out, and Rollback Roles and Responsibilities

ID	Team	Phase / Role	Tasks	Project Phase (See Schedule)
	Site personnel in conjunction with IT support – which may be local or ITOPS	Deployment	Plan and schedule installation	After national release
	Site personnel in conjunction with IT support – which may be local or ITOPS	Deployment	Determine and document the roles and responsibilities of those involved in the installation	After national release
	Site personnel	Deployment	Test for operational readiness	After national release
	Site personnel in conjunction with IT support – which may be local or ITOPS. The IT support will need to include person(s) to install the KIDS builds for all packages involved. Even though installed in a single install session, the other IT support personnel need to be aware	Installation	Plan and schedule installation	After national release
	N/A – will work under the VistA ATO and security protocols	Installation	Ensure authority to operate and that certificate authority security documentation is in place	
	N/A – no equipment is being added	Installation	Validate through facility POC to ensure that IT equipment has been accepted using asset inventory processes	

	Site personnel	Installations	Coordinate training	
	Facility Area Manager and IT support – which may be local or regional	Back-out	Confirm availability of back-out instructions and back-out strategy (what are the criteria that trigger a back-out)	After national release
	Hardware and System support – no changes. Software support will be the Development Team during the compliance period. At the end of the compliance period, support will be transitioned to sustainment	Post Deployment	Hardware, Software and System Support	After national release

3 Deployment

This is a Patch Release for patches PX*1*211, PXR*2*42, GMTS*2.7*122, GMPL*2*53, and OR*3*501 to local sites.

3.1 Timeline

For project dates, please refer to the PCE STANDARDIZATION 1.0 Project Schedule. The site installation is scheduled to run for 30 days, as depicted in the master deployment schedule, PCE STANDARDIZATION 1.0 Project Schedule.

3.2 Site Readiness Assessment

This section discusses the locations that will install the PCE STANDARDIZATION 1.0 multi-package build.

3.2.1 Deployment Topology (Targeted Architecture)

This is a Patch Release for patches PX*1*211, PXR*2*42, GMTS*2.7*122, GMPL*2*53, and OR*3*501 to local sites.

Health Product Support Patch Release of Products and Patches Guide: [Health Product Support Release of Products and Patches Guide](#).

3.2.2 Site Preparation

N/A

3.3 Related Documentation

Table 3: Documentation

Documentation	Documentation File name
Deployment, Installation, Back-Out, and Rollback Guide	px_1_0_211_dibr.docx px_1_0_211_dibr.pdf
PCE Technical Manual	pxtm.docx pxtm.pdf
PCE User Manual	pxum.docx pxum.pdf
Clinical Reminders Index Technical Manual	pxrm_index_tm.docx pxrm_index_tm.pdf
Clinical Reminders Manager's Manual	pxrm_mm.docx pxrm_mm.pdf

NOTE: In this document, you will see references to both PX*1*211 and PX*1.0*211. The difference is that PX*1*211 is the name of the patch and PX*1.0*211 is the name of the build.

3.4 Related Web Sites

Table 4: Related Web Sites

Site	URL	Description
National Clinical Reminders SharePoint Site		Home of the National Clinical Reminders Workgroup. Contains information about the Workgroup, its activities, and other information about Clinical Reminders
VA Software Document Library	https://www.va.gov/vdl/	This is the VistA documentation library; all the Clinical Reminders manuals can be found here

3.4.1 Hardware

The PCE STANDARDIZATION 1.0 project will not replace or modify the existing VistA Architecture; therefore, it will adhere to existing user interfaces unless otherwise noted in this section.

3.4.2 Software

The PCE STANDARDIZATION 1.0 project will not replace or modify the existing VistA Architecture; therefore, it will adhere to existing user interfaces unless otherwise noted in this section.

3.4.3 Communications

The Project Manager will communicate with Release Agent, OIT Program Manager, and other stakeholders as needed.

3.4.3.1 Deployment/Installation/Back-Out Checklist

Table 5: Deployment/Installation/Back-Out Checklist

Activity	Day
Release to Field	TBD
Install By	TBD
Back-Out	TBD

4 Installation

4.1 Pre-installation and System Requirements

Other than making sure the required builds are installed there are no pre-installation steps.

- LEX*2.0*102
- XU*8.0*657
- PX*1.0*216
- DI*22.2*3
- DI*22.2*5
- OR*3.0*361
- OR*3.0*377
- PXR*2.0*45
- PXR*2.0*46
- GMPL*2*50
- GMTS*2.7*56
- GMTS*2.7*110
- GMPL*2.0*49

4.2 Platform Installation and Preparation

N/A

4.3 Download and Extract Files

N/A

4.4 Database Creation

N/A

4.5 Installation Scripts

N/A

4.6 Cron Scripts

N/A

4.7 Access Requirements and Skills Needed for the Installation

The installation should be performed by a user with programmer access and knowledge of installing host files using Kernel Installation and Distribution System [XPD MAIN].

4.8 Installation Procedure

This section describes how to install the multi-package build that includes builds PX*1.0*211, PXR*2.0*42, GMTS*2.7*122, GMPL*2.0*53, and OR*3.0*501.

This patch can be loaded with users on the system, but it should be done during off-hours. Estimated installation time is less than 5 minutes.

1. Retrieve the host file containing the multi-package build

The software for this patch is being distributed as a host file, the name of the host file is: PCE_STANDARDIZATION_1_0.KID.

The host file is available at the following location:

/srv/vista/patches/SOFTWARE/PCE_STANDARDIZATION_1_0.KID

In Chrome and Edge, right click on PCE_STANDARDIZATION_1_0.KID and use Save link as.

***NOTE:** for test site installations, please refer to the build announcement for the location and name of the file to install.*

2. Install the patch first in a training or test account

Installing in a non-production environment will give you time to get familiar with new functionality.

3. Back out preparation

These steps are taken in case the patch needs to be backed out.

- Backup files ^AUTTEDT, ^AUTTEXAM, and ^AUTTHF using your site's policy for backing up data.
- If the steps are unknown, here is a way it can be done, using ^AUTTEDT as an example:
 - Go to the Cache programmer mode command prompt.
 - At the prompt, enter D GOGEN^%ZSPECIAL.
 - At the device prompt, enter the directory and file name where the global backup is to be stored.
 - At the Parameters? Prompt, press <enter>.
 - At the Global prompt, enter ^AUTTEDT(.
 - Verify that the file was created and exists in the directory specified.

Example

```
DEV5A4:DVFDDEV>D GOGEN^%ZSPECIAL
Device: VA5$:[Local Directory]AUTTEDT_BACKUP.GBL
Parameters? ("WNS") =>
Warning: Use a "V" format to avoid problems with control characters.
Global ^AUTTEDT(
Global ^
```

4. Load the Distribution

From the Kernel Installation and Distribution System Menu, select the Installation Menu and then the option LOAD a Distribution. Enter the directory name where you placed the host file followed by PCE_STANDARDIZATION_1_0.KID at the Host File prompt.

Example

```
Select Installation Option: LOAD a Distribution
Enter a Host File: /srv/vista/software/AppsTeamShare/PCE_STANDARDIZATION_1_0.KID
KIDS Distribution saved on Mar 11, 2021@09:44:34
Comment: PCE Standardization 1.0
```

From the Installation menu, you may elect to use the following options:

5. Backup a Transport Global

Use the KIDS Installation option, **Backup a Transport Global [XPD BACKUP]**. This option creates a MailMan message that will back up all current routines on your VistA/M system that will be replaced by the builds in this transport global. (If you need to preserve components that are not routines, you must back them up separately.) At the **Select INSTALL NAME:** prompt, enter **PCE STANDARDIZATION 1.0**.

Example

```
Select Installation <TEST ACCOUNT> Option: Backup a Transport Global
Select INSTALL NAME: PCE STANDARDIZATION 1.0      Loaded from Distribution
3/24/21@09:25:20
    => PCE STANDARDIZATION      ;Created on Mar 11, 2021@09:44:34

This Distribution was loaded on Mar 24, 2021@09:25:20 with header of
    PCE STANDARDIZATION      ;Created on Mar 11, 2021@09:44:34
It consisted of the following Install(s):
PCE STANDARDIZATION 1.0      PX*1.0*211      PXR*2.0*42      GMTS*2.7*122
    GMPL*2.0*53      OR*3.0*501

Subject: Backup of PCE STANDARDIZATION 1.0 on Mar 24, 2021
    Replace

Only a Single Package Build can do a Build Backup.
PCE STANDARDIZATION 1.0 is of type Multi-Package
You can only Backup the Routines.

    Select one of the following:

        R      Routines

Enter response: R
No routines for PCE STANDARDIZATION 1.0
```

```

Loading Routines for PX*1.0*211.....
.....
.....
Loading Routines for PXR*2.0*42.....
.....
Loading Routines for GMTS*2.7*122.....
Loading Routines for GMPL*2.0*53.....
Loading Routines for OR*3.0*501..
Select basket to send to: IN// PATCH BACKUP
And Send to:

```

6. Compare Transport Global to Current System

This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.)

7. Verify Checksums in Transport Global

This option will allow you to ensure the integrity of the routines that are in the transport global. If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Try loading the host file again. If the problem still exists, log a ticket and/or call the national Help Desk (1-888-596-HELP) to report the problem.

Example

```

CHOOSE 1-2: 2 Option: 2 Verify Checksums in Transport Global
Select Installation <TEST ACCOUNT> Option: 2 Verify Checksums in Transport Global
Select INSTALL NAME: PCE STANDARDIZATION 1.0
Loaded from Distribution Mar 24, 2021@09:25:20

=> PCE STANDARDIZATION 1.0 ;Created on Mar 11, 2021@09:44:34
This Distribution was loaded on Mar 24, 2021@09:25:20 with header of
PCE STANDARDIZATION 1.0 ;Created on Mar 24, 2021@09:25:20
It consisted of the following Install(s):
PCE STANDARDIZATION 1.0 PX*1.0*211 PXR*2.0*42 GMTS*2.7*122
GMPL*2.0*53 OR*3.0*501
Want each Routine Listed with Checksums: Yes//
DEVICE: HOME// ;;999 TELNET PORT

```

8. Install the Build

From the Installation menu on the Kernel Installation and Distribution System (KIDS) menu, run the option Install Package(s). Select the build PCE STANDARDIZATION 1.0 and proceed with the install. If you have problems with the installation, log a ServiceNow ticket and/or call the National Help Desk to report the problem.

```

Select Installation & Distribution System Option: Installation
Select Installation Option: INSTALL PACKAGE(S)
Select INSTALL NAME: PCE STANDARDIZATION 1.0

```

Answer the following install questions as follows:

- Although typically the answer is "No," you can answer "Yes," to the question:

Want KIDS to Rebuild Menu Trees Upon Completion of Install?

Please remember that rebuilding menu trees will increase patch installation time.

- Answer "No" to the question:

Want KIDS to INHIBIT LOGONs during the install?

- Answer "No" to the question:

Want to DISABLE Scheduled Options, Menu Options, and Protocols?

4.9 Installation Verification Procedure

This summary of routines should match the transport global listing of routines as there are no Post-install routines or actions required.

4.10 Post Installation

There is a known issue with the Document Storage Systems (DSS) product Compliant Coding Module (CCM), creating V POV entries that have a provider narrative pointer of 0. When the V POV Provider Narrative Repair Utility is run, it replaces the 0 pointer with a pointer to the default provider narrative for the ICD-10 diagnosis.

DSS is working on a fix for this issue, but as of the release of PCE STANDARDIZATION 1.0, DSS does not have a projected release date. Rather than having to manually run the utility periodically, it is suggested that sites create a scheduled option to run the utility once a day during off hours.

The option to schedule is: PXQ V POV PROVIDER NARR REPAIR.

After the DSS fixed is released, the scheduled option can be deleted.

4.11 System Configuration

N/A

4.12 Database Tuning

N/A

5 Back-Out Procedure

If Back-Out is necessary for the PCE feature, the steps are described in this section to return to the last known good operational state of the software.

5.1 Back-Out Strategy

The overall Back-Out strategy is to return the routines to their pre-patch state, as well as backing out any necessary data dictionary changes, and option changes.

5.2 Back-Out Considerations

Back-Out should be considered only if all other avenues are exhausted. The development team will be involved if issues with the patch arise.

5.2.1 Load Testing

N/A

5.2.2 User Acceptance Testing

Results of User Acceptance Testing will be provided.

5.3 Back-Out Criteria

Back-Out should be considered only if all other avenues are exhausted. The development team will be involved if issues with the patch arise.

5.4 Back-Out Risks

Back-Out Risks are minimal because with utilization of the back-up created prior to patch installation, the system will revert back to what it was prior to installing the new patch.

5.5 Authority for Back-Out

If an issue with the software arises that would require a rollback, then the same three in the box members under VIP will coordinate with several groups (including Patient Safety, Health Product Support, Information Technology Operations Service (ITOPS), and Site leadership) to decide whether a back out and rollback of the software is necessary. The Facility Area Manager has the final authority to require the patch back out and data rollback and accept the associated risks.

5.6 Back-Out Procedure

The following process if followed will restore the VistA and CPRS systems to the state prior to the installation of PCE Standardization 1.0.

Step 1: Request a copy of the backout build from the development team.

Step 2: Install the backout build.

6 Rollback Procedure

Rollback should only be completed if the Back-Out Procedure was implemented.

6.1 Rollback Considerations

Rollback should only be considered if all other avenues are exhausted and a Patch cannot fix the issue.

6.2 Rollback Criteria

Rollback will take place only if the Back-Out Procedure was implemented.

6.3 Rollback Risks

Backing out live data is a rollback risk.

6.4 Authority for Rollback

If an issue with the software arises that would require a rollback, then the same three in the box members under VIP will coordinate with several groups (including Patient Safety, Health Product Support, Information Technology Operations Service (ITOPS), and Site leadership) to decide whether a back out and rollback of the software is necessary. The Facility Area Manager has the final authority to require the patch back out and data rollback and accept the associated risks.

6.5 Rollback Procedure

The files listed below will need to be deleted:

- New V file for capturing standardized codes other than ICD, CPT and HCPCS.

6.6 Rollback Verification Procedure

To be verified by developer.

7 Acronyms

Term	Definition
CPRS	Computerized Patient Record System
GMPL	Problem List namespace
GMTS	Health Summary namespace (also HSUM)
GUI	Graphic User Interface
ICD-10-CM	International Classification of Diseases, 10th Revision, Clinical Modification
ICD-9-CM	International Classification of Diseases, 9th Revision, Clinical Modification
ICR	Integration Control Registration
IOC	Initial Operating Capabilities
MH	Mental Health
OHI	Office of Health Information
OI	Office of Information
OIT/OI&T	Office of Information Technology
OMHS	Office of Mental Health Services
ORR	Operational Readiness Review
PCS	Patient Care Services
PD	Product Development
PIMS	Patient Information Management System
PXRM	Clinical Reminder Package namespace
RSD	Requirements Specification Document
SME	Subject Matter Expert
SNOMED CT	Systematic Nomenclature of Medicine of Clinical Terms
SQA	Software Quality Assurance
VA	Department of Veteran Affairs
VHA	Veterans Health Administration
VISN	Veterans Integrated Service Network
VistA	Veterans Health Information System and Technology Architecture

Appendix A: Installation Example

This is a capture of a PCE STANDARDIZATION 1.0 installation that provides details of the install.

Example: First-time Install

```
Install Package(s)
Select INSTALL NAME: PCE STANDARDIZATION 1.0          Loaded from Distribution
3/24/21@11:19:22
    => PCE STANDARDIZATION 1.0    ;Created on Mar 12, 2021@10:38:19

This Distribution was loaded on Mar 24, 2021@11:19:22 with header of
PCE STANDARDIZATION 1.0    ;Created on Mar 12, 2021@10:38:19
It consisted of the following Install(s):
PCE STANDARDIZATION 1.0    PX*1.0*211    PXR*2.0*42    GMTS*2.7*122
    GMPL*2.0*53    OR*3.0*501
Checking Install for Package PCE STANDARDIZATION 1.0

Install Questions for PCE STANDARDIZATION 1.0

Checking Install for Package PX*1.0*211

Install Questions for PX*1.0*211

Incoming Files:

    815          PCE PARAMETERS
Note: You already have the 'PCE PARAMETERS' File.

    839.7        PCE DATA SOURCE
Note: You already have the 'PCE DATA SOURCE' File.

    9000010      VISIT
Note: You already have the 'VISIT' File.

    9000010.07V  POV
Note: You already have the 'V POV' File.

    9000010.11V  IMMUNIZATION
Note: You already have the 'V IMMUNIZATION' File.

    9000010.12V  SKIN TEST
Note: You already have the 'V SKIN TEST' File.

    9000010.13V  EXAM
Note: You already have the 'V EXAM' File.

    9000010.16V  PATIENT ED
Note: You already have the 'V PATIENT ED' File.

    9000010.18V  CPT
Note: You already have the 'V CPT' File.
```

9000010.23V HEALTH FACTORS
Note: You already have the 'V HEALTH FACTORS' File.

9000010.71V STANDARD CODES
Note: You already have the 'V STANDARD CODES' File.

9999999.09EDUCATION TOPICS
Note: You already have the 'EDUCATION TOPICS' File.

9999999.15EXAM
Note: You already have the 'EXAM' File.

9999999.27PROVIDER NARRATIVE
Note: You already have the 'PROVIDER NARRATIVE' File.

9999999.64HEALTH FACTORS
Note: You already have the 'HEALTH FACTORS' File.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package PXR*2.0*42

Install Questions for PXR*2.0*42

Incoming Files:

802.4 REMINDER FUNCTION FINDING FUNCTIONS (including data)
Note: You already have the 'REMINDER FUNCTION FINDING FUNCTIONS' File.
I will REPLACE your data with mine.

811.4 REMINDER COMPUTED FINDINGS (including data)
Note: You already have the 'REMINDER COMPUTED FINDINGS' File.
I will OVERWRITE your data with mine.

811.6 REMINDER SPONSOR
Note: You already have the 'REMINDER SPONSOR' File.

811.8 REMINDER EXCHANGE (Partial Definition)
Note: You already have the 'REMINDER EXCHANGE' File.

811.9 REMINDER DEFINITION (Partial Definition)
Note: You already have the 'REMINDER DEFINITION' File.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package GMTS*2.7*122

Install Questions for GMTS*2.7*122

Incoming Files:

```

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

Checking Install for Package GMPL*2.0*53

Install Questions for GMPL*2.0*53

Checking Install for Package OR*3.0*501

Install Questions for OR*3.0*501

Want KIDS to INHIBIT LOGONS during the install? NO//
Want to DISABLE Scheduled Options, Menu Options, and Protocols? 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// ;;9999  TELNET
-----

Install Started for PCE STANDARDIZATION 1.0 :
      Mar 24, 2021@11:19:50

Build Distribution Date: Mar 12, 2021

Installing Routines:
      Mar 24, 2021@11:19:50

Install Started for PX*1.0*211 :
      Mar 24, 2021@11:19:50

Build Distribution Date: Mar 12, 2021

Installing Routines:
      Mar 24, 2021@11:19:50

Running Pre-Install Routine: PRE^XP211I

Checking B indexes.

Checking Education Topics.

Checking Exams.

Checking Health Factors.

Removing old data dictionaries.
Deleting data dictionary for file # 815
Deleting data dictionary for file # 839.7
Deleting data dictionary for file # 9000010
Deleting data dictionary for file # 9000010.07
Deleting data dictionary for file # 9000010.11
Deleting data dictionary for file # 9000010.12
Deleting data dictionary for file # 9000010.13
Deleting data dictionary for file # 9000010.16
Deleting data dictionary for file # 9000010.18
Deleting data dictionary for file # 9000010.23

```

```

Deleting data dictionary for file # 9000010.71
Deleting data dictionary for file # 9999999.09
Deleting data dictionary for file # 9999999.15
Deleting data dictionary for file # 9999999.27
Deleting data dictionary for file # 9999999.64

Installing Data Dictionaries:
    Mar 24, 2021@11:19:50

Installing PACKAGE COMPONENTS:

Installing SECURITY KEY

Installing INPUT TEMPLATE

Installing FORM

Installing DIALOG

Installing PROTOCOL

Installing REMOTE PROCEDURE

Installing LIST TEMPLATE

Installing OPTION
    Mar 24, 2021@11:19:50

Running Post-Install Routine: POST^XP211I

Setting undefined Education Topic Class fields.
    Setting the Class of Education Topic: ALCOHOL USE AND MEDICAL PROBLEMS to
LOCAL.
    Setting the Class of Education Topic: MEDICAL PROBLEMS OF ALCOHOL (SCREENING)
.
    Setting the Class of Education Topic: VA-ADVANCE DIRECTIVES to LOCAL.
    Setting the Class of Education Topic: VA-ADVANCE DIRECTIVES SCREENING to
LOCAL.
    Setting the Class of Education Topic: VA-ALCOHOL ABUSE to LOCAL.
...
    Setting the Class of Education Topic: VA-SUBSTANCE ABUSE LIFESTYLE
ADAPTATIONS.
    Setting the Class of Education Topic: VA-SUBSTANCE ABUSE MEDICATIONS to LOCAL.
    Setting the Class of Education Topic: VA-SUNSCREEN to LOCAL.
    Setting the Class of Education Topic: VA-TDI EDUCATION to LOCAL.
    Setting the Class of Education Topic: VA-TOBACCO USE SCREENING to LOCAL.

Setting all Exam Class fields to LOCAL.
    Setting the Class of EXAM: ABDOMEN EXAM to LOCAL.
    Setting the Class of EXAM: AUDIOMETRIC SCREENING to LOCAL.
    Setting the Class of EXAM: AUDIOMETRIC THRESHOLD to LOCAL.
    Setting the Class of EXAM: BREAST EXAM to LOCAL.
    Setting the Class of EXAM: CHEST EXAM to LOCAL.
...
    Setting the Class of EXAM: SCOLIOSIS SCREENING to LOCAL.
    Setting the Class of EXAM: SEX DEVELOPMENT EXAM to LOCAL.
    Setting the Class of EXAM: TONOMETRY to LOCAL.
    Setting the Class of EXAM: TYMPANOGRAM to LOCAL.
    Setting the Class of EXAM: VISION EXAM to LOCAL.

Setting undefined Health Factor Class fields.
    Setting the Class of HF: 90 DAY MONITORING ZARIT BURDEN INTERVIEW [C] to
LOCAL.

```

```
Setting the Class of HF: AAA SCREENING AND F/U [C] to LOCAL.
Setting the Class of HF: AAA SCREENING CONFIRMED AS COMPLETE to LOCAL.
Setting the Class of HF: ABD AORTIC ANEURYSM 3.0-3.9 CM to LOCAL.
Setting the Class of HF: ABD AORTIC ANEURYSM 4.0-5.4 CM to LOCAL.
...
Setting the Class of HF: WH PAP SMEAR [C] to LOCAL.
Setting the Class of HF: WH UNDER CARE OF BREAST CARE SPECIALIST to LOCAL.
Setting the Class of HF: WH UNDER CARE OF GYNECOLOGIST to LOCAL.
Setting the Class of HF: WHEELCHAIR CUSHION to LOCAL.
Setting the Class of HF: WHEN HOB ELEVATED RAISE KNEE to LOCAL.

Generating Print Names for entries that do not have one.

Checking Education Topics.

Checking Exams.

Checking Health Factors.

Making sure all .01s are uppercase.

Checking Education Topics.

Checking Exams.

Checking Health Factors.

Appending [C] to the .01 of all category health factors.
Starting a TaskMan job to initialize/rebuild V STANDARD CODES indexes.
The task number is: 1067

Creating full length 'B' index PCE Data Source.

Creating new full length 'B' index for Provider Narrative.
V CPT Provider Narrative and Narrative Category Check/Repair
Task Number 1068 started.

V POV Provider Narrative and Narrative Category Check/Repair
Task Number 1069 started.

Updating Routine file...

Updating KIDS files...

PX*1.0*211 Installed.
      Mar 24, 2021@11:19:51

Not a production UCI

NO Install Message sent

Install Started for PXR*2.0*42 :
      Mar 24, 2021@11:19:51

Build Distribution Date: Mar 12, 2021

Installing Routines:
      Mar 24, 2021@11:19:51

Running Pre-Install Routine: PRE^PXRMP42I

DISABLE options.
```

```
DISABLE protocols.

Removing old data dictionaries.
Deleting data dictionary for file # 811.6

Installing Data Dictionaries:
    Mar 24, 2021@11:19:51

Installing Data:
    Mar 24, 2021@11:19:51

Installing PACKAGE COMPONENTS:

Installing PRINT TEMPLATE

Installing FORM

Installing OPTION
    Mar 24, 2021@11:19:51

Running Post-Install Routine: POST^PXRMP42I

Rebuilding the 'APDS' index for all taxonomies.

Rebuilding the 'D' index for Reminder Definition Print Names..

Deleting the QUERI extracts.

Deleting QUERI patient lists.

Deleting VA-*IHD QUERI lists.

Deleted 0 VA-*IHD QUERI lists.

Deleting VA-*MH QUERI lists.

Deleted 0 VA-*MH QUERI lists.

Checking for Sponsor Names that need to be changed to all uppercase.

Rebuilding Sponsor B index.

ENABLE options.

ENABLE protocols.

Updating Routine file...

Updating KIDS files...

PXRMP*2.0*42 Installed.
    Mar 24, 2021@11:19:51

Not a production UCI

NO Install Message sent

Install Started for GMTS*2.7*122 :
    Mar 24, 2021@11:19:51

Build Distribution Date: Mar 12, 2021

Installing Routines:
```

```
Mar 24, 2021@11:19:51
Installing Data Dictionaries:
    Mar 24, 2021@11:19:51
Installing Data:
    Mar 24, 2021@11:19:51
Updating Routine file...
Updating KIDS files...
GMTS*2.7*122 Installed.
    Mar 24, 2021@11:19:51
Not a production UCI
NO Install Message sent
Install Started for GMPL*2.0*53 :
    Mar 24, 2021@11:19:51
Build Distribution Date: Mar 12, 2021
Installing Routines:
    Mar 24, 2021@11:19:51
Running Post-Install Routine: POST^GMPY53
    Scanning Problem Selection lists for problems with inactive codes...
Updating Routine file...
Updating KIDS files...
GMPL*2.0*53 Installed.
    Mar 24, 2021@11:19:52
Not a production UCI
NO Install Message sent
Install Started for OR*3.0*501 :
    Mar 24, 2021@11:19:52
Build Distribution Date: Mar 12, 2021
Installing Routines:
    Mar 24, 2021@11:19:52
Updating Routine file...
Updating KIDS files...
OR*3.0*501 Installed.
    Mar 24, 2021@11:19:52
Not a production UCI
NO Install Message sent
Updating Routine file...
```


Updating KIDS files...

PCE STANDARDIZATION 1.0 Installed.
Mar 24, 2021@11:19:52

No link to PACKAGE file

Install Completed

Appendix B: Post-Install Checksums

Installation Checksums: PXRМ Routines

```
VISTA>D CHECK1^XTSUMBLD
```

```
New CheckSum CHECK1^XTSUMBLD:
```

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be followed by comments and only the line tag will be included.
2. Line 2 will be excluded from the count.
3. The total value of the routine is determined (excluding exceptions noted above) by multiplying the ASCII value of each character by its position on the line and position of the line in the routine being checked.

Select one of the following:

P	Package
B	Build

```
Build from: Build
```

This will check the routines from a BUILD file.

```
Select BUILD NAME: PX*1.0*211      PCE PATIENT CARE ENCOUNTER      PCE PATIENT  
CARE ENCOUNTER
```

```
PXAI      value = 41754252  
PXAIcpt   value = 20598915  
PXAIcptv  value = 20524406  
PXAIERR   value = 6216565  
PXAIHF    value = 9054925  
PXAIHFV   value = 2220137  
PXAIICR   value = 6645954  
PXAIICRV  value = 12849072  
PXAIIMM   value = 17502496  
PXAIIMMV  value = 37086535  
PXAIMOD   value = 1896333  
PXAIPEd   value = 8938808  
PXAIPEdV  value = 1678279  
PXAIPL    value = 5173433  
PXAIPOV   value = 33433863  
PXAIPOVV  value = 18351189  
PXAIPRV   value = 34241774  
PXAIPRVV  value = 15796718  
PXAIsc    value = 11421420  
PXAIscV   value = 2507125  
PXAIsk    value = 11766988  
PXAIskV   value = 1477924  
PXAIval   value = 16639730
```

PXAIVST	value = 22448199
PXAIVSTV	value = 61946878
PXAIXAM	value = 8796529
PXAIXAMV	value = 1260682
PXAPI	value = 47756429
PXAPIDEL	value = 62219131
PXBAPI	value = 34284976
PXBAPI1	value = 55175372
PXBGCP	value = 6350410
PXBGPOV	value = 11440669
PXBGPRV	value = 44705768
PXBGSC	value = 475760
PXBPMOD	value = 5874980
PXCASC	value = 7296482
PXCASOR	value = 2775351
PXCEAE	value = 32040311
PXCEAE1	value = 27691361
PXCEAPPM	value = 6633184
PXCECCLS	value = 8826649
PXCECPT	value = 70996279
PXCECSTP	value = 9302776
PXCEHF	value = 15706424
PXCEPED	value = 15287972
PXCEPOV	value = 14572448
PXCEPOV1	value = 27735487
PXCEPRV	value = 36686640
PXCESC	value = 27503380
PXCESK	value = 36345474
PXCEVRT	value = 5489505
PXCEVFI1	value = 82681322
PXCEVFI2	value = 40463216
PXCEVFIL	value = 41330677
PXCEVIMM	value = 111978919
PXCEVIS	value = 1789130
PXCEXAM	value = 14623291
PXCOPY	value = 13230793
PXCPTAPI	value = 4429390
PXCSP	value = 1132817
PXDATE	value = 6790282
PXEDUINQ	value = 22377538
PXEDUMGR	value = 45662620
PXEDUSM	value = 34287130
PXEXINQ	value = 13752981
PXEXMGR	value = 43002236
PXEXSM	value = 34648427
PXHFINQ	value = 16231400
PXHFMGR	value = 68401016
PXHFSM	value = 38219209
PXINPTR	value = 6202218
PXINUSE	value = 11309382
PXKCO	value = 11165933
PXKENC	value = 30511135
PXKFCPT	value = 3404775
PXKFCPT1	value = 25403589
PXKFHF	value = 2002717
PXKFPED	value = 1977716
PXKFSC	value = 1969432
PXKRVST	value = 11571271
PXKFXAM	value = 1932215
PXKIMM	value = 37780868
PXKMAIN	value = 45493882
PXKMAIN1	value = 58789612
PXKMASC	value = 61075789

```

PXKMCODE value = 56724267
PXKMOD value = 3825073
PXKVST value = 19932548
PXKWSRCH value = 42503838
PXLEX value = 15410021
PXLEXS value = 108898999
PXLOCK value = 5931368
PXMCEVNT value = 5530233
PXMCICHK value = 30352461
PXMCLINK value = 149569356
PXMCODES value = 8945406
PXMSG value = 1213330
PXP211I value = 241805409
PXPNARR value = 83426756
PXPXRM value = 261436336
PXPXRM1 value = 13393609
PXPXRMI1 value = 103637358
PXPXRMI2 value = 138986698
PXQPPUTIL value = 106747229
PXQPPUTILR value = 36094475
PXQUTL1 value = 58638007
PXRHS05 value = 11668556
PXRHS07 value = 19973501
PXRHS08 value = 10776728
PXRPC value = 165397212
PXRRFDD value = 22151236
PXRRFDP value = 74542328
PXRREGUT value = 4040472
PXRRLCD value = 6029957
PXRROPAD value = 26210713
PXRROPAD value = 6849309
PXRROPRL value = 4561688
PXRROPRL value = 3784002
PXRROWLD value = 16863372
PXSINQ value = 20258214
PXSMAN value = 2327055
PXUTIL value = 20118889
PXUTL1 value = 11511510
PXUTLSCC value = 46401485
PXUTLSTP value = 15136046
PXVSC value = 1025184
PXVSCSM value = 5966575
PXVUTIL value = 21160031
PXVXR value = 25897576
PXXDPT value = 2854137
VSIT value = 27628190
VSITO value = 2400031
VSITKIL value = 14972517
done

```

```
Select BUILD NAME: PXR*2.0*42
```

```
CLINICAL REMINDERS
```

```
CLINICAL REMINDERS
```

```

PXR value = 44585857
PXR MART value = 5793538
PXR BMI value = 15273669
PXR M C D E F value = 6688274
PXR M C F value = 64545988
PXR M C V R P value = 175521460
PXR M C V T M value = 19003140
PXR M D A T A value = 5905920
PXR M D A T E value = 73452738
PXR M D B L value = 78662365
PXR M D E V value = 94601871
PXR M E D U value = 13918373

```

```

PXRMEERRH value = 57078507
PXRMEUT value = 48579737
PXRMEVFI value = 11414696
PXRMEVAM value = 13736448
PXRMEVDB value = 57975072
PXRMEVLC value = 12932001
PXRMEVLI value = 61412209
PXRMEVLR value = 10670039
PXRMEVMH value = 13805661
PXRMEVDP value = 243933810
PXRMEVU1 value = 52468744
PXRMEVU5 value = 72285914
PXRMEVFF value = 76357476
PXRMEVFF0 value = 18180135
PXRMEVFTO value = 11567960
PXRMEVHF value = 53277538
PXRMEVCHK value = 225635853
PXRMEVCK1 value = 12234519
PXRMEVIMM value = 11549713
PXRMEVIOPT value = 11419394
PXRMEVISF value = 4874044
PXRMEVMLDR value = 20234429
PXRMEVLEXL value = 186454787
PXRMEVLOG value = 67488337
PXRMEVMSER value = 133664475
PXRMEVOUTC value = 43713968
PXRMEVOUTM value = 30066077
PXRMEVOUTU value = 19206492
PXRMEV42I value = 19667470
PXRMEVDEM value = 65886599
PXRMEVDS value = 39667827
PXRMEVINP value = 16604052
PXRMEVPLST value = 53881985
PXRMEVPNRP value = 1983529
PXRMEVPRF value = 15513795
PXRMEVRCUR value = 13442684
PXRMEVRULE value = 60162556
PXRMEVPED value = 6943031
PXRMEVSXRM value = 100612241
PXRMEVTAX value = 65755465
PXRMEVTAXI value = 2022922
PXRMEVTERM value = 64733107
PXRMEVTMED value = 11727267
PXRMEVTXLS value = 147613164
PXRMEVTXSM value = 76721210
PXRMEVUID value = 127583
PXRMEVIDE value = 18099598
PXRMEVUTIL value = 150596029
PXRMEVCPT value = 53019296
PXRMEVITL value = 16703682
PXRMEVSC value = 34098955
PXRMEVSIT value = 10884562
PXRMEVXD value = 90486802
PXRMEVEVL value = 1704230
PXRMEVSU value = 80002311
PXRMEVXTA value = 54608368

```

done

```

Select BUILD NAME: GMTS*2.7*122          HEALTH SUMMARY          HEALTH SUMMARY
GMTS2 value = 5607837
GMTSOBJ value = 50800869
GMTSPXEP value = 14426413

```

```
GMTSPXFP value = 24736179
GMTSPXXP value = 8513180
done
```

```
Select BUILD NAME: GMPL*2.0*53          PROBLEM LIST          PROBLEM LIST
GMPLBLCK value = 86212397
GMPLMGR  value = 28551405
GMPLUTL  value = 65708125
GMPLX    value = 110662238
GMPLY53  value = 465383
done
```

```
Select BUILD NAME: OR*3.0*501          ORDER ENTRY/RESULTS REPORTING          ORDER
ENTR
Y/RESULTS REPORTING
ORUTL5   value = 2538248
ORWPCE1  value = 73367544
done
```

Appendix C: Install File Print Example

Use the KIDS Install File Print option to print out the results of the installation process. You can select the multi-package build or any of the individual builds included in the multi-package build.

```

Select OPTION NAME:      XPD PRINT INSTALL FILE      Install File Print
Install File Print
Select INSTALL NAME: PX*1.0*211
=> PCE STANDARDIZATION 1.0 ;Created on Mar 12, 2021@10:38:19
DEVICE: HOME// ;;;99999 TELNET

PACKAGE: PX*1.0*211      Mar 24, 2021 1:44 pm                PAGE 1
                                                                COMPLETED      ELAPSED
-----
STATUS: Install Completed                DATE LOADED: MAR 24, 2021@11:19:22
INSTALLED BY: TESTMASTER,USER
NATIONAL PACKAGE: PCE PATIENT CARE ENCOUNTER

INSTALL STARTED: MAR 24, 2021@11:19:50      11:19:51          0:00:01

ROUTINES:                                     11:19:50

PRE-INIT CHECK POINTS:
XPD PREINSTALL STARTED                       11:19:50
XPD PREINSTALL COMPLETED                    11:19:50

FILES:
PCE PARAMETERS                               11:19:50
PCE DATA SOURCE                             11:19:50
VISIT                                         11:19:50
V POV                                         11:19:50
V IMMUNIZATION                               11:19:50
V SKIN TEST                                  11:19:50
V EXAM                                        11:19:50
V PATIENT ED                                 11:19:50
V CPT                                         11:19:50
V HEALTH FACTORS                             11:19:50
V STANDARD CODES                             11:19:50
EDUCATION TOPICS                             11:19:50
EXAM                                          11:19:50
PROVIDER NARRATIVE                           11:19:50
HEALTH FACTORS                               11:19:50

SECURITY KEY                                 11:19:50
INPUT TEMPLATE                               11:19:50
FORM                                          11:19:50
DIALOG                                       11:19:50
PROTOCOL                                     11:19:50
REMOTE PROCEDURE                             11:19:50
LIST TEMPLATE                                11:19:50
OPTION                                       11:19:50

POST-INIT CHECK POINTS:
XPD POSTINSTALL STARTED                       11:19:51          0:00:01
XPD POSTINSTALL COMPLETED                    11:19:51

INSTALL QUESTION PROMPT                                ANSWER

XPO1  Want KIDS to Rebuild Menu Trees Upon Completion of Install  NO
MESSAGES:

Install Started for PX*1.0*211 :

```

```
Mar 24, 2021@11:19:50
Build Distribution Date: Mar 12, 2021
Installing Routines:
    Mar 24, 2021@11:19:50
Running Pre-Install Routine: PRE^PXP211I
Checking B indexes.
Checking Education Topics.
Checking Exams.
Checking Health Factors.
Removing old data dictionaries.
Deleting data dictionary for file # 815
Deleting data dictionary for file # 839.7
Deleting data dictionary for file # 9000010
Deleting data dictionary for file # 9000010.07
Deleting data dictionary for file # 9000010.11
Deleting data dictionary for file # 9000010.12
Deleting data dictionary for file # 9000010.13
Deleting data dictionary for file # 9000010.16
Deleting data dictionary for file # 9000010.18
Deleting data dictionary for file # 9000010.23
Deleting data dictionary for file # 9000010.71
Deleting data dictionary for file # 9999999.09
Deleting data dictionary for file # 9999999.15
Deleting data dictionary for file # 9999999.27
Deleting data dictionary for file # 9999999.64
Installing Data Dictionaries:
    Mar 24, 2021@11:19:50
Installing PACKAGE COMPONENTS:
Installing SECURITY KEY
Installing INPUT TEMPLATE
Installing FORM
Installing DIALOG
Installing PROTOCOL
Installing REMOTE PROCEDURE
Installing LIST TEMPLATE
Installing OPTION
    Mar 24, 2021@11:19:50
Running Post-Install Routine: POST^PXP211I
Setting undefined Education Topic Class fields.
Setting the Class of Education Topic: ALCOHOL USE AND MEDICAL PROBLEMS to
LOCAL.
Setting the Class of Education Topic: MEDICAL PROBLEMS OF ALCOHOL (SCREENING)
t
```



```

o LOCAL.
  Setting the Class of Education Topic: VA-ADVANCE DIRECTIVES to LOCAL.
  Setting the Class of Education Topic: VA-ADVANCE DIRECTIVES SCREENING to
  LOCAL.
  Setting the Class of Education Topic: VA-ALCOHOL ABUSE to LOCAL.
...
Setting the Class of Education Topic: VA-SUBSTANCE ABUSE LIFESTYLE ADAPTATIONS
to LOCAL.
  Setting the Class of Education Topic: VA-SUBSTANCE ABUSE MEDICATIONS to LOCAL.
  Setting the Class of Education Topic: VA-SUNSCREEN to LOCAL.
  Setting the Class of Education Topic: VA-TDI EDUCATION to LOCAL.
  Setting the Class of Education Topic: VA-TOBACCO USE SCREENING to LOCAL.

Setting all Exam Class fields to LOCAL.
  Setting the Class of EXAM: ABDOMEN EXAM to LOCAL.
  Setting the Class of EXAM: AUDIOMETRIC SCREENING to LOCAL.
  Setting the Class of EXAM: AUDIOMETRIC THRESHOLD to LOCAL.
  Setting the Class of EXAM: BREAST EXAM to LOCAL.
  Setting the Class of EXAM: CHEST EXAM to LOCAL.
...
  Setting the Class of EXAM: SCOLIOSIS SCREENING to LOCAL.
  Setting the Class of EXAM: SEX DEVELOPMENT EXAM to LOCAL.
  Setting the Class of EXAM: TONOMETRY to LOCAL.
  Setting the Class of EXAM: TYMPANOGRAM to LOCAL.
  Setting the Class of EXAM: VISION EXAM to LOCAL.

Setting undefined Health Factor Class fields.
  Setting the Class of HF: 90 DAY MONITORING ZARIT BURDEN INTERVIEW [C] to
  LOCAL.
  Setting the Class of HF: AAA SCREENING AND F/U [C] to LOCAL.
  Setting the Class of HF: AAA SCREENING CONFIRMED AS COMPLETE to LOCAL.
  Setting the Class of HF: ABD AORTIC ANEURYSM 3.0-3.9 CM to LOCAL.
  Setting the Class of HF: ABD AORTIC ANEURYSM 4.0-5.4 CM to LOCAL.
...
  Setting the Class of HF: WHEN HOB ELEVATED RAISE KNEE to LOCAL.
  Setting the Class of HF: ZOSTER IMMUNIZATION [C] to LOCAL.
  Setting the Class of HF: ZZMH NOSHOW INITIATE WELLNESS CHECK to LOCAL.
  Setting the Class of HF: ZZMH NOSHOW SUPPORT CONTACT to LOCAL.
  Setting the Class of HF: ZZMH NOSHOW UNABLE TO REACH PT to LOCAL.

Generating Print Names for entries that do not have one.

Checking Education Topics.

Checking Exams.

Checking Health Factors.

Making sure all .01s are uppercase.

Checking Education Topics.

Checking Exams.

Checking Health Factors.

Appending [C] to the .01 of all category health factors.
Starting a TaskMan job to initialize/rebuild V STANDARD CODES indexes.
The task number is: 1067

Creating full length 'B' index PCE Data Source.

Creating new full length 'B' index for Provider Narrative.

```

V CPT Provider Narrative and Narrative Category Check/Repair
Task Number 1068 started.

V POV Provider Narrative and Narrative Category Check/Repair
Task Number 1069 started.

Updating Routine file...

Updating KIDS files...

PX*1.0*211 Installed.
Mar 24, 2021@11:19:51

Not a production UCI

NO Install Message sent

Appendix D: Build File Print Example

Use the KIDS Build File Print option to print out the build components. You can select the multi-package build or any of the individual builds included in the multi-package build.

```
Select OPTION NAME:      XPD PRINT BUILD      Build File Print
Build File Print
Select BUILD NAME: PCE STANDARDIZATION 1.0      (Multi-Package)
  PX*1.0*211
  PXR*2.0*42
  GMTS*2.7*122
  GMPL*2.0*53
  OR*3.0*501
DEVICE: HOME// ;;;99999  TELNET

PACKAGE: PCE STANDARDIZATION 1.0      Mar 24, 2021 1:54 pm      PAGE 1
-----
                TYPE: MULTI-PACKAGE                        TRACK NATIONALLY: YES
NATIONAL PACKAGE:                        ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Mar 12, 2021

DESCRIPTION:
This multi-package builds contains the PCE Standardization build and the
supporting builds from other packages.

For detailed information and installation instructions, please see the PCE
Standardization 1.0 Installation Guide.

SEQUENCE OF BUILDS:
  1      PX*1.0*211      Required to Continue
  2      PXR*2.0*42      Required to Continue
  3      GMTS*2.7*122    Required to Continue
  4      GMPL*2.0*53     Required to Continue
  5      OR*3.0*501     Required to Continue
PACKAGE: PX*1.0*211      Mar 24, 2021 1:54 pm      PAGE 1
-----
                TYPE: SINGLE PACKAGE                       TRACK NATIONALLY: YES
NATIONAL PACKAGE: PCE PATIENT CARE ENCOUNTER      ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Mar 12, 2021

DESCRIPTION:
PCE data standardization, for detailed information and installation
instructions, please see the PCE Standardization 1.0 Installation Guide.

To take full advantage of the PCE standardization work, changes to Vista
applications that use PCE data are required. These applications include
Clinical Reminders, Health Summary, Problem List, and Order Entry/Results
Reporting. To make it easier for sites, the builds for PCE (PX*1.0*211),
Clinical Reminders (PXR*2.0*42), Health Summary (GMTS*2.7*122), Problem List
(GMPL*2.0*53), and Order Entry/Results Reporting (OR*3.0*501) are being
distributed in a multi-package build named PCE STANDARDIZATION 1.0.

ENVIRONMENT CHECK:                        DELETE ENV ROUTINE:
PRE-INIT ROUTINE: PRE^PXP211I              DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^PXP211I            DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
RESTORE ROUTINE:

UP      SEND  DATA      USER
```


PXAIICRV	SEND TO SITE
PXAIIMM	SEND TO SITE
PXAIIMMV	SEND TO SITE
PXAIMOD	SEND TO SITE
PXAIPED	SEND TO SITE
PXAIPEDV	SEND TO SITE
PXA IPL	SEND TO SITE
PXAIPOV	SEND TO SITE
PXAIPOVV	SEND TO SITE
PXAI PRV	SEND TO SITE
PXAI PRVV	SEND TO SITE
PXAISC	SEND TO SITE
PXAISCV	SEND TO SITE
PXAISK	SEND TO SITE
PXAISKV	SEND TO SITE
PXAIVAL	SEND TO SITE
PXAIVST	SEND TO SITE
PXAIVSTV	SEND TO SITE
PXAIXAM	SEND TO SITE
PXAIXAMV	SEND TO SITE
PXAPI	SEND TO SITE
PXAPIDEL	SEND TO SITE
PXBAPI	SEND TO SITE
PXBAPI1	SEND TO SITE
PXBGCP	SEND TO SITE
PXBGPOV	SEND TO SITE
PXBGPRV	SEND TO SITE
PXBGSC	SEND TO SITE
PXBPMOD	SEND TO SITE
PXCASC	SEND TO SITE
PXCASOR	SEND TO SITE
PXCEAE	SEND TO SITE
PXCEAE1	SEND TO SITE
PXCEAPPM	SEND TO SITE
PXCECCLS	SEND TO SITE
PXCECPT	SEND TO SITE
PXCECSTP	SEND TO SITE
PXCEHF	SEND TO SITE
PXCEPED	SEND TO SITE
PXCEPOV	SEND TO SITE
PXCEPOV1	SEND TO SITE
PXCEPRV	SEND TO SITE
PXCESC	SEND TO SITE
PXCESK	SEND TO SITE
PXCETRT	SEND TO SITE
PXCEVFI1	SEND TO SITE
PXCEVFI2	SEND TO SITE
PXCEVFIL	SEND TO SITE
PXCEVIMM	SEND TO SITE
PXCEVIS	SEND TO SITE
PXCEXAM	SEND TO SITE
PXCOPY	SEND TO SITE
PXCPTAPI	SEND TO SITE
PXCSP	SEND TO SITE
PXDATE	SEND TO SITE
PXEDUINQ	SEND TO SITE
PXEDUMGR	SEND TO SITE
PXEDUSM	SEND TO SITE
PXEXINQ	SEND TO SITE
PXEXMGR	SEND TO SITE
PXEXSM	SEND TO SITE
PXHFINQ	SEND TO SITE
PXHFMGR	SEND TO SITE

PXHFSM	SEND TO SITE
PXINPTR	SEND TO SITE
PXINUSE	SEND TO SITE
PXKCO	SEND TO SITE
PXKENC	SEND TO SITE
PXKFCPT	SEND TO SITE
PXKFCPT1	SEND TO SITE
PXKFHF	SEND TO SITE
PXKFPED	SEND TO SITE
PXKFSC	SEND TO SITE
PXKFBVST	SEND TO SITE
PXKFXAM	SEND TO SITE
PXKIMM	SEND TO SITE
PXKMAIN	SEND TO SITE
PXKMAIN1	SEND TO SITE
PXKMSC	SEND TO SITE
PXKMCODE	SEND TO SITE
PXKMOD	SEND TO SITE
PXKVST	SEND TO SITE
PXKWSRCH	SEND TO SITE
PXLEX	SEND TO SITE
PXLEXS	SEND TO SITE
PXLOCK	SEND TO SITE
PXMCEVNT	SEND TO SITE
PXMCCHK	SEND TO SITE
PXMCLINK	SEND TO SITE
PXMCODES	SEND TO SITE
PXMSG	SEND TO SITE
PXP211I	SEND TO SITE
PXPNARR	SEND TO SITE
PXPXRM	SEND TO SITE
PXPXRM1	SEND TO SITE
PXPXRMI1	SEND TO SITE
PXPXRMI2	SEND TO SITE
PXQPPUTIL	SEND TO SITE
PXQPPUTILR	SEND TO SITE
PXQUTL1	SEND TO SITE
PXRHS05	SEND TO SITE
PXRHS07	SEND TO SITE
PXRHS08	SEND TO SITE
PXRPC	SEND TO SITE
PXRRFDD	SEND TO SITE
PXRRFDP	SEND TO SITE
PXRRGUT	SEND TO SITE
PXRRLCD	SEND TO SITE
PXRRPAD	SEND TO SITE
PXRRPRD	SEND TO SITE
PXRRPRPL	SEND TO SITE
PXRRPRSC	SEND TO SITE
PXRRWLD	SEND TO SITE
PXSINQ	SEND TO SITE
PXSMAN	SEND TO SITE
PXUTIL	SEND TO SITE
PXUTL1	SEND TO SITE
PXUTLSCC	SEND TO SITE
PXUTLSTP	SEND TO SITE
PXVSC	SEND TO SITE
PXVSCSM	SEND TO SITE
PXVUTIL	SEND TO SITE
PXVXR	SEND TO SITE
PXXDPT	SEND TO SITE
VSIT	SEND TO SITE
VSIT0	SEND TO SITE

VSITKIL	SEND TO SITE
OPTION:	ACTION:
PX DELETE ENCOUNTERS W/O VISIT	SEND TO SITE
PX IRM MAIN MENU	USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS	
PXQ PCE/SD DEBUGGING UTILITIES	USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS	
PXQ PRIMARY PROVIDER REPAIR	SEND TO SITE
PXQ PROVIDER NARR REPAIR MENU	SEND TO SITE
PXQ V CPT PROVIDER NARR REPAIR	SEND TO SITE
PXQ V POV PROVIDER NARR REPAIR	SEND TO SITE
PXTT ACTIVATE/INACTIVATE MENU	DELETE AT SITE
PXTT EDIT EDUCATION TOPICS	SEND TO SITE
PXTT EDIT EXAM	SEND TO SITE
PXTT EDIT HEALTH FACTORS	SEND TO SITE
PXTT EDIT IMMUNIZATION LOT	SEND TO SITE
PXTT EDIT IMMUNIZATIONS	DELETE AT SITE
PXTT EDIT SKIN TESTS	DELETE AT SITE
PXTT EDU TOPICS MANAGEMENT	SEND TO SITE
PXTT EXAM MANAGEMENT	SEND TO SITE
PXTT HEALTH FACTOR MANAGEMENT	SEND TO SITE
PXTT INACTIVE MAPPED CODES RPT	SEND TO SITE
PXTT INQUIRE EDUC TOPIC	SEND TO SITE
PXTT LIST ACTIVE EDUC TOPICS	SEND TO SITE
PXTT LIST ALL EDUC TOPICS	SEND TO SITE
PXTT LIST EXAMS	SEND TO SITE
PXTT LIST HEALTH FACTORS	SEND TO SITE
PXTT LIST IMMUNIZATIONS	SEND TO SITE
PXTT LIST SKIN TESTS	SEND TO SITE
PXTT PCE INFORMATION ONLY	USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS	
PXTT TABLE MAINTENANCE	SEND TO SITE
PXTT TEXT/KEYWORD SEARCH	SEND TO SITE
PXV EDIT DEFAULT RESPONSES	SEND TO SITE
SECURITY KEY:	ACTION:
PX CODE MAPPING	SEND TO SITE
PROTOCOL:	ACTION:
ICD CODE UPDATE EVENT	USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS	
ICPT CODE UPDATE EVENT	USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS	
PX CODE SET UPDATE CPT	SEND TO SITE
PX CODE SET UPDATE ICD	SEND TO SITE
PX EDUCATION TOPICS ADD	SEND TO SITE
PX EDUCATION TOPICS CHANGE LOG	SEND TO SITE
PX EDUCATION TOPICS COPY	SEND TO SITE
PX EDUCATION TOPICS EDIT	SEND TO SITE
PX EDUCATION TOPICS INQUIRE	SEND TO SITE
PX EDUCATION TOPICS MANAGEMENT MENU	SEND TO SITE
PX EDUCATION TOPICS SELECT ENTRY	SEND TO SITE
PX EXAM ADD	SEND TO SITE
PX EXAM CHANGE LOG	SEND TO SITE
PX EXAM COPY	SEND TO SITE
PX EXAM EDIT	SEND TO SITE
PX EXAM INQUIRE	SEND TO SITE
PX EXAM MANAGEMENT MENU	SEND TO SITE
PX EXAM SELECT ENTRY	SEND TO SITE
PX HEALTH FACTOR ADD	SEND TO SITE
PX HEALTH FACTOR CHANGE LOG	SEND TO SITE
PX HEALTH FACTOR COPY	SEND TO SITE

```

PX HEALTH FACTOR EDIT          SEND TO SITE
PX HEALTH FACTOR INQUIRE      SEND TO SITE
PX HEALTH FACTOR MANAGEMENT MENU SEND TO SITE
PX HEALTH FACTOR SELECT ENTRY  SEND TO SITE
PXCE ADD/EDIT MENU            MERGE MENU ITEMS
PXCE LEXICON REMOVE CODE(S)    SEND TO SITE
PXCE LEXICON SELECT CODE(S)    SEND TO SITE
PXCE LEXICON SELECT ENTRY      SEND TO SITE
PXCE LEXICON SELECT MENU       SEND TO SITE
PXCE STANDARD CODES ADD        SEND TO SITE

```

```

LIST TEMPLATE:                ACTION:
  PX EDUCATION TOPICS MANAGEMENT SEND TO SITE
  PX EXAM MANAGEMENT          SEND TO SITE
  PX HEALTH FACTOR MANAGEMENT SEND TO SITE
  PXCE ADD/EDIT MENU          SEND TO SITE
  PXCE STANDARD CODES SELECT  SEND TO SITE

```

```

REMOTE PROCEDURE:            ACTION:
  PX SAVE DATA                SEND TO SITE

```

```

REQUIRED BUILDS:            ACTION:
  LEX*2.0*102                Don't install, remove global
  XU*8.0*657                  Don't install, remove global
  PX*1.0*216                  Don't install, remove global
  DI*22.2*3                   Don't install, remove global
  DI*22.2*5                   Don't install, remove global

```

PACKAGE: PXRMP*2.0*42 Mar 24, 2021 1:54 pm PAGE 1

```

-----
TYPE: SINGLE PACKAGE          TRACK NATIONALLY: YES
NATIONAL PACKAGE: CLINICAL REMINDERS ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Mar 12, 2021

```

DESCRIPTION:
This patch supports PCE standardization.

To take full advantage of the PCE standardization work, changes to Vista applications that use PCE data are required. These applications include Clinical Reminders, Health Summary, Problem List, and Order Entry/Results Reporting. To make it easier for sites, the builds for PCE (PX*1.0*211), Clinical Reminders (PXRMP*2.0*42), Health Summary (GMTS*2.7*122), Problem List (GMPL*2.0*53), and Order Entry/Results Reporting (OR*3.0*501) are being distributed in a multi-package build named PCE STANDARDIZATION 1.0.

For detailed information and installation instructions, please see the PCE Standardization 1.0 Installation Guide.

```

ENVIRONMENT CHECK:          DELETE ENV ROUTINE:
  PRE-INIT ROUTINE: PRE^PXRMP42I      DELETE PRE-INIT ROUTINE: No
  POST-INIT ROUTINE: POST^PXRMP42I    DELETE POST-INIT ROUTINE: No
  PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

```

FILE #	FILE NAME	UP DATE DD	SEND SEC. CODE	DATA COMES W/FILE	SITE DATA	RSLV PTRS	USER OVER RIDE
--------	-----------	------------------	----------------------	-------------------------	--------------	--------------	----------------------

```

-----
802.4      REMINDER FUNCTION FINDING FUNCTIONSNOYES   YES   REPL  NO   NO
  DATA SCREEN: I (Y=8)!(Y=9)

```


PXRMPPLST	SEND TO SITE
PXRMPNRP	SEND TO SITE
PXRMPRF	SEND TO SITE
PXRMRCUR	SEND TO SITE
PXRMRULE	SEND TO SITE
PXRMSPED	SEND TO SITE
PXRMSXRM	SEND TO SITE
PXRMTAX	SEND TO SITE
PXRMTAXI	SEND TO SITE
PXRMTERM	SEND TO SITE
PXRMTMED	SEND TO SITE
PXRMTXLS	SEND TO SITE
PXRMTXSM	SEND TO SITE
PXRMLD	SEND TO SITE
PXRMLDE	SEND TO SITE
PXRMLTIL	SEND TO SITE
PXRMLCPT	SEND TO SITE
PXRMLVITL	SEND TO SITE
PXRMLVSC	SEND TO SITE
PXRMLVSIT	SEND TO SITE
PXRMLXD	SEND TO SITE
PXRMLXEVL	SEND TO SITE
PXRMLXSU	SEND TO SITE
PXRMLXTA	SEND TO SITE

OPTION:

PXRM COVER SHEET REMINDER RPT
 PXRM DEF PRINT NAME EDIT
 PXRM DEF PRINT NAME REPORT
 PXRM EXTRACT VA-IHD QUERI
 PXRM EXTRACT VA-MH QUERI
 PXRM REMINDER MANAGEMENT

ACTION:

SEND TO SITE
 SEND TO SITE
 SEND TO SITE
 DELETE AT SITE
 DELETE AT SITE
 USE AS LINK FOR MENU/ITEM/SUBS

CRIBERS

PXRM REMINDER REPORTS

USE AS LINK FOR MENU/ITEM/SUBS

CRIBERS

INSTALL QUESTIONS:

Default Rebuild Menu Trees Upon Completion of Install: NO
 Default INHIBIT LOGONS during the install: NO
 Default DISABLE Scheduled Options, Menu Options, and Protocols: NO

REQUIRED BUILDS:

PX*1.0*211
 PXRM*2.0*45
 PXRM*2.0*46

ACTION:

Don't install, remove global
 Don't install, remove global
 Don't install, remove global

PACKAGE: GMTS*2.7*122 Mar 24, 2021 1:54 pm

PAGE 1

 TYPE: SINGLE PACKAGE
 NATIONAL PACKAGE: HEALTH SUMMARY
 DATE DISTRIBUTED: Mar 12, 2021

TRACK NATIONALLY: YES
 ALPHA/BETA TESTING: NO

DESCRIPTION:

This patch supports PCE standardization.

To take full advantage of the PCE standardization work, changes to Vista applications that use PCE data are required. These applications include Clinical Reminders, Health Summary, Problem List, and Order Entry/Results Reporting. To make it easier for sites, the builds for PCE (PX*1.0*211), Clinical Reminders (PXRM*2.0*42), Health Summary (GMTS*2.7*122), Problem List (GMPL*2.0*53), and Order Entry/Results Reporting (OR*3.0*501) are being


```

POST-INIT ROUTINE: POST^GMPLY53          DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

ROUTINE:                                ACTION:
  GMPLBLCK                               SEND TO SITE
  GMPLMGR                                SEND TO SITE
  GMPLUTL                                SEND TO SITE
  GMPLX                                  SEND TO SITE

REQUIRED BUILDS:                          ACTION:
  GMPL*2.0*49                             Don't install, remove global
  PX*1.0*211                               Don't install, remove global

```

PACKAGE: OR*3.0*501 Mar 24, 2021 1:54 pm PAGE 1

```

-----
TYPE: SINGLE PACKAGE                      TRACK NATIONALLY: YES
NATIONAL PACKAGE: ORDER ENTRY/RESULTS REPORTING ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Mar 12, 2021

```

DESCRIPTION:
 To take full advantage of the PCE standardization work, changes to Vista applications that use PCE data are required. These applications include Clinical Reminders, Health Summary, Problem List, and Order Entry/Results Reporting. To make it easier for sites, the builds for PCE (PX*1.0*211), Clinical Reminders (PXR*2.0*42), Health Summary (GMTS*2.7*122), Problem List (GMPL*2.0*53), and Order Entry/Results Reporting (OR*3.0*501) are being distributed in a multi-package build named PCE STANDARDIZATION 1.0.

For detailed information and installation instructions, please see the PCE Standardization 1.0 Installation Guide.

In the documentation for DATA2PCE the description of the variable PPEDIT, which is one of the input parameters to DATA2PCE is:

PPEDIT
 (Optional) If an existing encounter already has a Primary Provider and you want to edit it set this to 1.

Although it was documented, DATA2PCE did not actually enforce this, the primary provider could be edited even when PPEDIT did not equal 1. DATA2PCE was changed in PX*1.0*211 to work as documented. After that change, internal testing found that the primary provider could no longer be edited from CPRS. The cause of this was tracked to the way CPRS was calling DATA2PCE, it was not properly passing the PPEDIT parameter. The call to DATA2PCE in the routine ORWPCE1 was corrected.

```

ENVIRONMENT CHECK:                        DELETE ENV ROUTINE:
  PRE-INIT ROUTINE:                       DELETE PRE-INIT ROUTINE:
  POST-INIT ROUTINE:                       DELETE POST-INIT ROUTINE:
  PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

```

```

ROUTINE:                                ACTION:
  ORUTL5                                 SEND TO SITE
  ORWPCE1                                SEND TO SITE

REQUIRED BUILDS:                          ACTION:
  OR*3.0*361                             Don't install, remove global
  OR*3.0*531                              Don't install, remove global

```

Build File Print

```
PCE STANDARDIZATION 1.0      (Multi-Package)
PX*1.0*211
PXR*2.0*42
GMTS*2.7*122
GMPL*2.0*53
OR*3.0*501
```