**VistA Patch Display Page: 1**

**=============================================================================**

**Run Date: APR 11, 2019 Designation: PSO\*7\*529 TEST v13**

**Package : OUTPATIENT PHARMACY Priority : MANDATORY**

**Version : 7 Status : UNDER DEVELOPMENT**

**=============================================================================**

**Associated patches: (u)XU\*8\*688 <<= must be installed BEFORE `PSO\*7\*529'**

**Subject: CAS MPDU - MULTIPLE DEA# ENHANCEMENTS**

**Category: ROUTINE**

**OTHER**

**ENHANCEMENT**

**Description:**

**===========**

**The Clinical Ancillary Services (CAS) - Medication Permission/Dispensing**

**Updates (MPDU) project provides the ability to support multiple Drug**

**Enforcement Administration (DEA) Numbers for a user.**

**This patch PSO\*7\*529 is part of a group of patches for this enhancement**

**and must be installed after XU\*8\*688. The other patches associated with**

**this enhancement are: OR\*3\*506, XU\*8\*689, PSO\*7\*545, PSJ\*5\*372 and**

**OR\*3\*488.**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ATTENTION \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**This enhancement also includes a new Graphical User Interface (GUI)**

**executable, ePCSDataEntryForPrescriber.exe (ePCS GUI), which allows**

**to setup users to write Controlled Substances.**

**This patch PSO\*7\*529 has the following enhancements:**

**1. Create a web service client to be used during installation to retrieve**

**the provider information from the VA Maintained DOJ/DEA web server.**

**This information will be stored in the DEA NUMBERS FILE (#8991.9), and**

**linked to the NEW PERSON FILE (#200), NEW DEA #'S (#53.21) multiple.**

**2. An environment check routine PSO7E529 is included in this patch that**

**will provide the following VistA environment options:**

**Select one of the following:**

**P PRODUCTION**

**D PRE-PROD**

**S SQA**

**ENVIRONMENT TYPE:**

**Site can select the appropriate environment and accordingly the**

**software will setup the DOJ/DEA web server and the web service. It will**

**check the availability of the DOJ/DEA web service and will continue the**

**patch installation. If the web service is available, it will display a**

**message, "The Environmental Check Routine finished Successfully" and**

**will continue with the patch installation. If the web service is not**

**available then it will abort the installation with the following**

**message:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**WARNING: The WEB SERVER/SERVICE SETUP FAILED**

**Please try again after few minutes. Failed to install,**

**please submit a Service Now ticket.**

**>>>> Installation aborted <<<<"**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**3. A post-install routine PSO7P529 included in this patch will migrate**

**all DEA's from the NEW PERSON FILE (#200) and will utilize the**

**DOJ/DEA web service to create entries in the DEA NUMBERS FILE**

**(#8991.9). Providers that cannot be linked will be recorded in a**

**Migration Exception Log and will be sent in an email with the subject;**

**DEA Migration Exception Report 11/28/2018 (run date) to PSDMGR key**

**holders. These entries can be reviewed and corrected using the ePCS GUI**

**executable that will be sent separately as part of this project.**

**These migrated provider entries in the DEA NUMBERS FILE (#8991.9) will**

**be marked as USE FOR INPATIENT ORDERS. The Detox # will be derived**

**from the business activity code/sub code.**

**4. Create Remote Procedure Calls to support the entry and maintenance of**

**the information stored in the DEA NUMBERS FILE (#8991.9) using the ePCS**

**GUI. This functionality will utilize the DOJ/DEA web service to get**

**near real-time updates.**

**Patch Components:**

**-----------------**

**Files & Fields Associated:**

**--------------------------**

**N/A**

**Forms Associated:**

**-----------------**

**N/A**

**Mail Groups Associated:**

**-----------------------**

**N/A**

**Options Associated:**

**-------------------**

**Option Name Type New/Modified/Deleted**

**----------- ---- --------------------**

**ePCS Edit Prescriber Data [PSO DEA EDIT DATA] Broker New**

**Protocols Associated:**

**---------------------**

**N/A**

**Remote Procedure Calls:**

**Remote Procedure Name: New/Modified/Deleted**

**--------------------- --------------------**

**PSO DEA ADD DEA New**

**PSO DEA DEADOJ New**

**PSO DEA DEALIST New**

**PSO DEA DUP CHECK New**

**PSO DEA EDIT New**

**PSO DEA MBM New**

**PSO DEA REMOVE DEA New**

**Security Keys Associated:**

**------------------------**

**N/A**

**Templates Associated:**

**---------------------**

**N/A**

**Additional Information:**

**-----------------------**

**New Service Requests (NSRs):**

**----------------------------**

**N/A**

**Patient Safety Issues (PSIs):**

**-----------------------------**

**N/A**

**Remedy Ticket(s) & Overview:**

**----------------------------**

**N/A**

**Test Sites:**

**----------**

**TENNESSEE VALLEY HCS**

**VA HEARTLAND - WEST**

**Documentation Retrieval Instructions:**

**-------------------------------------**

**Updated documentation describing the new functionality introduced by this**

**patch is available.**

**The preferred method is to retrieve files from download.vista.med.va.gov.**

**This transmits the files from the first available server. Sites may also**

**elect to retrieve files directly from a specific server.**

**Sites may retrieve the documentation directly using Secure File Transfer**

**Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI**

**Field Offices:**

**Hines: fo-hines.med.va.gov**

**Salt Lake City: fo-slc.med.va.gov**

**Documentation can also be found on the VA Software Documentation Library**

**at:**

**http://www.va.gov/vdl/**

**Title File Name FTP Mode**

**--------------------------------------------------------------------**

**Outpatient Pharmacy (PSO) Technician's User Manual**

**PSO\_7\_0\_p529\_TECH\_UM.PDF BINARY**

**Outpatient Pharmacy (PSO) Technician Manual**

**PSO\_7\_0\_p529\_TM.PDF BINARY**

**ePCS GUI Setup Instructions:**

**---------------------------**

**Here are the instructions to setup the ePCS GUI:**

**1. Upon receipt of the file, ePCSDataEntryForPrescriber.zip, save into**

**your My Documents folder.**

**2. Open Windows Explorer**

**3. Navigate to C:\Program Files (x86)\VistA**

**4. Right-click on C:\Program Files (x86)\VistA**

**a. choose New -> Folder**

**b. ePCS<enter>**

**5. Right-click on My Documents\ePCSDataEntryForPrescriber.zip**

**a. Choose Open with -> Windows Explorer**

**6. Drag the following files to the new ePCS folder**

**a. ePCSDataEntryForPrescriber.exe**

**b. borlndmm.dll**

**7. Navigate to the new ePCS folder**

**8. Right-click on ePCSDataEntryForPrescriber.exe**

**a. Send to -> Desktop (create shortcut)**

**9. You will find the new shortcut on your Desktop. Select the new**

**shortcut.**

**a. Right-click**

**b. Select Properties**

**i. In Target text box, append to the end of**

**"C:\Program Files (x86)\VistA\ePCS\ePCSDataEntryForPrescriber.exe"**

**1. <space>s=<server> p=<port>**

**ii. For example**

**"C:\Program Files(x86)\VistA\ePCS\ePCSDataEntryForPrescriber.exe"**

**s=vaausvipappdev3.aac.va.gov p=9991**

**c. Click Apply**

**d. Click OK**

**10. Click the new shortcut to launch the ePCS GUI.**

**Patch Installation:**

**Pre/Post Installation Overview:**

**-------------------------------**

**N/A**

**Pre-Installation Instructions:**

**------------------------------**

**N/A**

**Installation Instructions:**

**--------------------------**

**This patch should be installed during non-peak hours and will take less**

**than 60 minutes depending upon the number of users with DEA# in the NEW**

**PERSON FILE (#200). It is highly recommended to queue this installation**

**during non-peak hours. When installation is complete, the installer should**

**confirm a post-install message entitled "DEA Migration Exception Report"**

**is sent to all PSDMGR key holders and the patch installer.**

**1. Choose the PackMan message containing this patch.**

**2. Choose the INSTALL/CHECK MESSAGE PackMan option.**

**3. From the Kernel Installation and Distribution System Menu, select**

**the Installation Menu. From this menu, you may elect to use the**

**following options. When prompted for the INSTALL NAME enter the patch**

**PSO\*7\*529.**

**a. Compare Transport Global to Current System - This option will**

**allow you to view all changes that will be made when this**

**patch is installed. It compares all components of this patch**

**(routines, DDs, templates, etc.).**

**b. Verify Checksums in Transport Global - This option will allow**

**you to ensure the integrity of the routines that are in the**

**transport global.**

**4. Select the installation option Backup a Transport Global. This**

**option will create a backup message of any routines exported with**

**this patch in case you need to back-out this patch. It will not backup**

**any other changes such as Data Dictionaries (DD's) or templates. It**

**is important this step be followed, because if back-out of this patch**

**is necessary, having the backup will make the process much easier.**

**5. From the Installation Menu, select the Install Package(s) option and**

**choose the patch to install.**

**6. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of**

**Install? NO//', answer 'NO'.**

**7. When prompted 'Want KIDS to INHIBIT LOGONs during the install?**

**NO//', answer 'NO'**

**8. When prompted 'Want to DISABLE Scheduled Options, Menu Options,**

**and Protocols? NO//', answer 'NO'.**

**9. If prompted 'Delay Install (Minutes): (0 - 60): 0//', respond 0.**

**POST-Installation Instructions:**

**-------------------------------**

**Successful installation can be verified by reviewing the first 2 lines of**

**the routines contained in the patch. The second line will contain the**

**patch number in the [PATCH LIST] section.**

**;;7.0;OUTPATIENT PHARMACY;\*\*[PATCH LIST]\*\*;DEC 1997;[BUILD #]**

**The option Calculate and Show Checksum Values [XTSUMBLD-CHECK] can be run**

**to compare the routine checksums to what is documented in the patch**

**description.**

**Back-out Procedures:**

**--------------------**

**Back-out Procedures are only needed if there are major problems (examples**

**include the KIDS notice of incompletion or hard errors) resulting from the**

**installation of this patch. You must have concurrence from Health Product**

**Support before a rollback can occur. Enter a ServiceNow ticket to obtain**

**this concurrence.**

**Prior to installing a patch, the site/region should have saved a backup of**

**the routines in a mail message using the Backup a Transport Global [XPD**

**BACKUP] menu option (this is done at time of install). The message**

**containing the backed up routines can be loaded with the "Xtract PackMan"**

**function at the Message Action prompt. The Packman function "INSTALL/CHECK**

**MESSAGE" is then used to install the backed up routines onto the VistA**

**System.**

**Validation of Roll Back Procedure:**

**---------------------------------**

**The Roll Back Procedure can be verified by printing the first 2 lines of**

**the PSO Routines contained in this patch using the option First Line**

**Routine Print [XU FIRST LINE PRINT]. Once the routines contained in the**

**PSO\*7.0\*529 patch have been rolled back, the first two lines of the**

**Routines will no longer contain the designation of patch PSO\*7.0\*529 in**

**the patch list section on line 2.**

**Routine Information:**

**====================**

**The second line of each of these routines now looks like:**

**;;7.0;OUTPATIENT PHARMACY;\*\*[Patch List]\*\*;DEC 1997;Build 26**

**The checksums below are new checksums, and**

**can be checked with CHECK1^XTSUMBLD.**

**Routine Name: PSO7E529**

**Before: n/a After: B31032280 \*\*529\*\***

**Routine Name: PSO7P529**

**Before: n/a After: B63591058 \*\*529\*\***

**Routine Name: PSODEAUT**

**Before: n/a After:B224802088 \*\*529\*\***

**=============================================================================**

**User Information:**

**Entered By : ANWER,MOHAMED Date Entered : APR 24,2018**

**Completed By: Date Completed:**

**Released By : Date Released :**

**=============================================================================**