U. S. Department of Veterans Affairs

OneVA Pharmacy

Clinical Ancillary Services (CAS)

Medication Permissions and Dispensing Upgrades (MPDU)

VistA Patch Build Procedure



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| --- | --- | --- | --- |
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| 01/18/2018 | 1.1 | CAS MPDU Build-2 | Joseph A. McGovern |

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# Purpose

Agile best practices will be implemented for Clinical Ancillary Services (CAS) MPDU development build planning and execution iaw using the Veteran-Focused Integration Process (VIP) and the VIP Release process guide. Agile development will plan each build to be three (3) months in duration and shall be made up (3) week sprints. The CAS MPDU Project Manager, Software Manager and software lead will review and determine the epics and user stories that should become part of the build with the VA PM and request the VA Business Owners’ concurrence.

The functional design will be iaw with the OneVA Pharmacy Implementation SDD V3.1. The Technical approach will be iaw the PSD\*3, PSO\*7, PSS\*1 and XU\*8 Technical Manuals with CAS MPDU project related updates and through requirements analysis, elaboration and collaboration with customer stakeholders.

Configuration Management (CM), source code control, change/defect management, build package and release of software; and document repository will be managed in the VA Jazz Rational tool set. Configuration status and metric reports will be produced as part of the Agile development process facilitated by the tool set. CM processes, practices and Rational tool usage is detailed in the CAS MPDU Configuration Management Plan.

# Software Scope

The CAS MPDU project has been scheduled to deliver 3 builds for Medication Permissions and Dispensing Upgrades MPDU for the contract base period of performance. There is follow Optional Task 1 for MPDU.

## Base and Optional Tasks

Base Tasks for CAS MPDU:

* Build 1 - Post-EPCS/Process Rx for Supply Enhancements.
* Build 2 - Medication Route Selection Enhancement
* Build 3 - Terminated Provider Validation and OneVA Efficiencies,

Local Prescription Fills Enhancements

## Development Environment

The AITC EDE EPIP vaausovpappdev1 and AITC EDE Vipappdev3 are being evaluated and considered for development environments. Currently the CHYSHR and DAYTSHR environments are available for preliminary testing once the configuration and Patch levels are verified. These environments in conjunction with the VA Enterprise Rational tools for the CAS MPDU project will support Agile software development. Base configuration consists of the following:

* Eclipse v3.2;
* Jazz Rational v6.0.1;
* Red Hat Enterprise Linux;
* VistA PSO\*7\*454, PSO\*7\*475, PSO\*7\*479; PSO\*7\*488, PSO\*7\*497, PSS\*1\*212
* Cache Database v2014.1.3.

# VistA Patch Build Procedure

All Vista builds are created through the Kernel Installation Distribution System (KIDS) option in VistA.

VistA build information can be obtained through the Vista Documentation Library (VDL), Kernel Developer's Guide. Section 15.2

# 4 Release Management

A CAS MPDU software release is a way of identifying the exact version of all source code and objects that comprise a modified application at a certain point in time. A CAS MPDU software release is the distribution of the baseline or application modifications to the baseline. A release is comprised of one or more application or documentation modifications authorized for the implementation/correction issued by change requests. Distribution of a CAS MPDU release is delivered with a VDD.