U. S. Department of Veterans Affairs

Clinical Ancillary Services (CAS)

Pharmacy Safety Updates Phase II (RxSU2)

VistA Patch Build Procedure



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# Purpose

Agile best practices will be implemented for Clinical Ancillary Services (CAS) Pharmacy Safety Updates Phase II (RxSU2) 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 RxSU2 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 Technical and Security Manuals for OR\_3\_478, PSO\_7\_511, PSS\_1\_221 with CAS RxSU2 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 RxSU2 Configuration Management Plan.

# Software Scope

The CAS RxSU2 project has been scheduled to deliver 3 builds for Pharmacy Safety Updates Phase II for the contract Option 2 period of performance. There is a follow on Optional Task 3 for Pharmacy Safety Updates Phase II.

## Optional Task 2 Pharmacy Safety Updates Phase II (RxSU2)

Optional Tasks for CAS RxSU2:

* Build 1 -. Pharmacy Operational Updates
* Build 2 - Hazardous Pharmaceuticals Enhancements
* Build 3 - Prescription Expiration Date Modification

## Development Environment

The AITC EDE EPIP vaausovpappdev1 and AITC EDE Vipappdev3 is being used as the development environments. Currently the ESE CHYSHR and DAYTSHR environments are available for testing. These environments in conjunction with the VA Enterprise Rational tools for the CAS RxSU2 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: OR\_3\_478, PSO\_7\_511, PSS\_1\_221
* 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 RxSU2 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 RxSU2 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 RxSU2 release is delivered with a VDD.