Alert Watch and Response Engine (AWARE)

**Version Description Document/Release Notes**

AWARE Test Build Version 1.0



**June 2014**

Prepared by Harris Corporation

Revision History

| Creation Date | Version No. | Description/Comments | Author(s) | Reviewer(s) | Review Type | Issue Date |
| --- | --- | --- | --- | --- | --- | --- |
| 05/12/2014 | 0.01 | Initial | L. Glance | B. Tjahjo S. Beckham S. Wang G. Welch | Peer | 05/28/2014 |
| 06/02/2014 | 0.02 | Incorporated customer comments rewording Sections 1, 2, 4, 4.1 replacing PWC with VA VHA Innovation Sandbox | L. Glance |  |  | 06/02/2014 |
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Artifact Rationale

The Version Description Document (VDD) is the primary configuration control document used to track and control versions of software to be released to the operational environment. It is a summary of the features and contents for the software build. It identifies and describes the version of the software being delivered, including all changes to the software since the last VDD was issued. Every release of the software (including the initial release) shall be described by a VDD. Without this document, it would be nearly impossible to move an application or system from development to deployment reliably. Therefore the document is mandatory for each deployment.

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# Scope

This Version Description Document (VDD) is the documentation provided by the Harris Configuration Management (CM) Manager to certify the integrity of the Alert Watch and Response Engine (AWARE) software deliverable that is being installed at the Department of Veterans Affairs (VA) Veterans Health Administration (VHA) Innovation Sandbox for system testing. This document pulls together all the approved Change Requests (CR) for all source code and electronic documentation deliverables for the AWARE Test Build Version 1.0. CM certifies that the delivery has been assembled under Harris standard process and has the integrity required based on the control, review, and audit procedures inherited in Harris CM processes.

The VDD is an inventory document for the AWARE Test Build Version 1.0, similar to a packing list for a received shipment, or a bill of lading. It itemizes the current test build baseline for recent deliverables in terms of implemented change requests. The build level version inventory for each installer is listed in Section 2.

Appendix A contains the Release Notes that highlight the major functional or operational changes.

# Version Description

The AWARE Test Build Version 1.0 consists of the product build from the AWARE Subversion Version Control tool, all documentation, and applicable release notes produced to date by the AWARE team for the VA. This includes final, customer accepted versions of documentation. All software configuration items are contained in the AWARE Subversion (SVN) Version Control tool Deployment folder in the VA VHA Innovation Sandbox, tagged as “AWARE Test Build Version 1.0”; all delivered software documentation is contained in the Harris SharePoint site. The executables were made with CM involvement, and therefore CM certifies the ability to reproduce it. All artifacts used to produce this delivery are in the CM Subversion repository and were managed by CM for producing the deliverable following CM processes and procedures.

The package named “AWARE Test Build Version 1.0” consists of the following files to describe this release:

* VDD and Release Notes: T4\_AWARE\_VersionDD-TstBldv1.0.docx
* AWARE\_Test\_Build\_v1.0.zip containing the following installer files with date and time created, size, and SVN revision:

05/15/2014 11:12 AM 6,987,195 CPRS\_AWARE\_v\_1\_0.zip SVN 121  
05/27/2014 11:26 PM 124,424 KIDS\_REMINDER\_DIALOGS\_v1\_0.zip SVN 134  
05/15/2014 01:53 PM 637,746 QI\_AWARE\_DATABASE\_v\_1\_0.zip SVN 125  
05/15/2014 12:13 PM 1,063,484 QI\_Manager\_v\_1\_0.zip SVN 122  
05/15/2014 12:13 PM 2,069,222 QI\_Reports\_v\_1\_0.zip SVN 122  
05/15/2014 12:13 PM 434,586 QI\_SQL\_Transporter\_v\_1\_0.zip SVN 122  
05/15/2014 01:15 PM 215,859 vefa\_csp\_v\_1\_0.xml SVN 124  
05/15/2014 12:13 PM 1,451,800 vefa\_IIS\_v\_1\_0.zip SVN 122  
05/21/2014 12:12 PM 10,408,342 AwareInstaller.exe SVN 132

The AWARE Test Build version 1.0 will be installed in the VA VHA Innovation Sandbox.

# Change Request Reports

Harris only lists Change Records relative to the latest baseline in this document. Harris will provide direct reference to Change Records when necessary.

Table 1 - Change Request for This Release

| **Change Request ID** | **Summary** |
| --- | --- |
| Harris CR-1 | Modification made to Requirements Specification Document (RSD), removing verbiage of “All” parameters in the Quality Improvement (QI) Tool that was not specifically mentioned in the Performance Work Statement (PWS). This resulted in version 0.03 of the RSD. |

# Release Inventory

The following table provides the released material inventory, describes the method of delivery, and to where and to whom the deliverable was released. The following table lists the release inventory.

Table - Inventory of Release Components

| **Release Component** | **Description** | **Method of Delivery** | **Recipient** | **Location** |
| --- | --- | --- | --- | --- |
| AWARE\_Test\_Build\_v1.0.zip | AWARE Test Build version 1.0 | Installation | VA VHA | VA VHA Innovation Sandbox |
| T4\_AWARE\_VersionDD-TstBldv1.0.docx | Version Description Document and Release Notes for AWARE Test Build version 1.0 | Email & upload | Blake Henderson, VA | AWARE SharePoint Site |

## Electronic Media Released

The VDD and Release Notes and other product documentation are released via email. The software builds are delivered via upload to the VA VHA Innovation Sandbox and installed by Harris team members.

## Physical Media Released

Not applicable. There is no electronic media provided with this deliverable.

# Associated Supporting Documentation

The following table lists the support documents that are associated with this deliverable:

Table - Associated Supporting Documentation

| **Document Name** | **Revision** | **Date** |
| --- | --- | --- |
| AWARE Implementation Plan and Checklist | 0.02 | 03/13/2014 |
| AWARE CPRS Integration Specification | 0.01 | 11/14/2013 |
| AWARE Requirements Specification Document | 0.03 | 05/09/2014 |
| AWARE User Interface Document | 0.01 | 11/14/2013 |

# Certification

The Configuration Manager for this release certifies that the contents of the packaged release defined by this VDD consist of artifacts archived in the CM environment for AWARE Test Build as baseline ID Version 1.0as recorded in CM repository on 06/02/2014.

The status of all change requests and code change requests listed in this document in the Change Record Reports section have been verified and are consistent with what is reported here.

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Signed Date

# Appendix A - Release Notes

## Introduction

The Computerized Patient Record System (CPRS) View Alerts package delivers notification of non-life threatening critical test results; however, it does not track whether providers take appropriate follow-up actions in response to the alerts. Currently, the only way to track follow-up actions on critical alerts is through manual review of individual patient records. The innovation Alerts, Watch and Response Engine (AWARE) will track and monitor follow-up actions and will identify certain critical lab and imaging test result alerts that lack timely follow-up. AWARE also consists of a web-based knowledge base editor and a quality measures reporting tool.

## Purpose

These release notes cover the new features provided to AWARE users in this release. All other documents referenced herein can be found at VA AWARE SharePoint site.

## Audience

This document targets users and administrators of the AWARE Test Build software product and applies primarily to the enhancements made to the AWARE prototype software.

## This Release

The following sections provide, in brief, the new features and functions added to AWARE Test Build Version 1.0.

## Features and Functionality

The following table lists the new features and enhancements added in AWARE Test Build Version 1.0 release.

Table 4 - New AWARE Test Build Features

| **Features** |
| --- |
| The AWARE prototype’s current command-line VistA/FileMan menu and standalone knowledge-based editor will be converted to a web-based, graphical user interface. |
| A web-based QI tool will be developed, which will allow the tracking, reviewing, and querying of a database containing alert and follow-up data at various levels (facility, clinic, and provider) and across various timeframes. Additionally, there will be various other detailed reports and enhancements that are configurable in the QI tool. |
| The parameters of the specific alerts being tracked will be identified and reported, in a structured query language (SQL) database. |

## Upgrades

There have been no previous releases of this software whereby no upgrade information applies.

## Known Issues

There e no known issues specific to this release as this time.

## Product Documentation

The documents listed in Section 5, Table 3 apply to this release.

These documents were delivered to VA by email and reside in VA’s AWARE SharePoint site.