Alert Watch and Response Engine (AWARE)

**Version Description Document/Release Notes**

AWARE Version 1.1.8 Production Environment

for

Ralph H. Johnson VA Medical Center in Charleston



**June 2015**

Prepared by Harris Corporation

Revision History

| Creation Date | Version No. | Description/Comments | Author(s) | Reviewer(s) | Review Type | Issue Date |
| --- | --- | --- | --- | --- | --- | --- |
| 06/04/2015 | 0.01 | Release of AWARE Version 1.1.8 for Ralph H. Johnson VA Medical Center in Charleston Production environment. | L. Glance |  |  | 06/15/2015 |
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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 Ralph H. Johnson VA Medical Center in Charleston, SC for the Production environment. This document pulls together all the approved Change Requests (CR) for all source code and electronic documentation deliverables for the AWARE Version 1.1.8. 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 Version 1.1.8, 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

AWARE Version 1.1.8 consists of the product build from the AWARE Subversion (SVN) Version Control tool, all documentation, and applicable release notes produced to date by the AWARE team for VA. This includes final, customer accepted versions of documentation. All software configuration items are contained in the AWARE SVN Version Control tool Deployment folder in the VA VHA Innovation Sandbox, tagged as “AWARE Version 1.1.8”; 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 Version 1.1.8 Prod” consists of the following files to describe this release:

* VDD and Release Notes: T4\_AWARE\_VersionDD-V1.1.8\_Charleston\_Prod.docx
* *AWARE\_v1.1.8\_Charleston\_Prod.zip* containing the following installer files with date and time created, size, and SVN revision:

06/10/2015 12:08 PM 10,340,040 AwareDLLInstaller-CHA.exe SVN 485

06/10/2015 05:37 PM 71,584 KIDS\_AWARE\_CHA\_v\_1\_8.zip SVN 479

06/05/2015 11:01 AM 72,035 KIDS\_AWARE\_CHA\_v\_1\_8\_VMS.zip SVN 477

06/10/2015 11:02 AM 232,896 KIDS\_REMINDER\_DIALOGS\_v\_1\_8.zip SVN 482

06/10/2015 11:02 AM 234,446 KIDS\_REMINDER\_DIALOGS\_v\_1\_8\_VMS.zip SVN 481

06/10/2015 12:11 PM 90,414 QI\_Database\_v\_1\_6.zip SVN 487  
06/10/2015 12:11 PM 1,046,187 QI\_Manager\_v\_1\_6.zip SVN 488  
06/10/2015 12:12 PM 2,063,963 QI\_Reports\_v\_1\_6.zip SVN 489  
06/10/2015 12:09 PM 443,468 QI\_AWARE\_SQL\_Transporter\_v\_1\_6.zip SVN 486

06/02/2015 07:27 PM 270,888 vefa\_csp\_v\_1\_8.xml SVN 470

06/02/2015 07:27 PM 270,965 vefa\_csptest\_v\_1\_7.xml SVN 470  
06/02/2015 07:27 AM 1,583,104 vefa\_IIS\_v\_1\_7.zip SVN 470

06/05/2015 12:20 PM 321,472 AWARE\_Prod\_Update\_CSP\_V\_1\_8.docx SVN 473

There was no change to the installer file or to the QI Tool files. Installation instructions are provided for updating CSP for the Test Account. See Section 7.3 for upgrade instructions.

AWARE Version 1.1.8 will be installed at the Ralph H. Johnson VA Medical Center in Charleston, SC. Files can be extracted from the local Charleston server, VHACHAAPP11 on C:\AWARE\_INSTALLATION\_SOFTWARE.

# Change Request Reports

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

Table 1 - Change Requests for This Release

|  |  |
| --- | --- |
| **Change Request ID** | **Summary** |
| CR-59 | “Enhancement on multi-select in Alert Cache Viewer”  Refer to Section 7.2.1 for this enhancement. |
| CR-61 | “Copy Alert Type issue – Alert Category and Alert TypeName > 50”  In the previous KB Editor build, Copy Alert Type function allows combined length of Alert Category, space, and Alert Type Name > 50. In the current build, the copy function will create Alert Type Name long enough to fit in the 50 characters rule where Alert Category\_” “\_Alert Type Name cannot be more than 50 characters. |
| CR-62 | “Alert Cache Viewer Enhancement” – Refer to Section 7.2.1 |
| CR-63 | “Maintaining the ALERTS with no follow-up in the AWARE ALERT CACHE file for 30 days” – Refer to Section 7.2.1 |

# 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\_v1.1.8\_Charleston\_Prod.zip | AWARE Version 1.1.8 containing all files listed in Section 2 | Installation | Ralph H. Johnson VA Medical Center, Charleston, SC | VA Server VHACHAAPP11 and VA VHA Innovation Sandbox |
| T4\_AWARE\_VersionDD-V1.1.8\_Charleston\_Prod.docx | Version Description Document and Release Notes for AWARE Version 1.1.8 | 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. The QI Reports are installed by Harris team members and the KIDS build is installed by OI&T personnel at the Ralph H. Johnson VA Medical Center in Charleston, SC.

## Physical Media Released

Not applicable. There is no physical 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 | 0.05 | 09/17/2014 |
| AWARE CPRS Integration Specification | 0.02 | 05/28/2014 |
| AWARE Requirements Specification Document | 0.03 | 05/09/2014 |
| AWARE User Interface Document | 0.02 | 05/29/2014 |
| AWARE Training Plan | 0.01 | 05/15/2014 |
| AWARE System Design Document | 0.01 | 05/27/2014 |
| AWARE Master Test Plan | 0.01 | 05/27/2014 |
| AWARE Requirements Traceability Matrix | 0.01 | 05/28/2014 |
| AWARE Test Cases | 0.03 | 04/15/2015 |
| AWARE Alert Cache Viewer User Guide | 0.02 | 09/04/2014 |
| AWARE Quality Improvement (QI) Report Manager User Guide | 0.02 | 09/04/2014 |
| AWARE Knowledge Base (KB) Editor User Guide | 0.02 | 09/04/2014 |
| AWARE Kernel Installation and Distribution System (KIDS) and Cache Server Page (CSP) Installation Guide | 0.04 | 09/04/2014 |
| AWARE Server Installation Guide | 0.04 | 09/04/2014 |
| AWARE\_VistA\_Configuration\_Guide-Prod | 0.01 | 05/13/2015 |

# Certification

The Harris 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 Version 1.1.8as recorded in CM repository on 6/15/2015.

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 Prod Build software product and applies primarily to the enhancements made to the AWARE prototype software.

## This Release

The following section provides, in brief, the new features and functions added to AWARE Version 1.1.8.

### Features and Functionality

The following enhancements were added for the AWARE 1.1.8 release.

Table 4 – New AWARE Prod Build Enhancements

| **Features** |
| --- |
| “Enhancement on multi-select in Alert Cache Viewer” (CR-59)  This correction will automatically unselect/unchecked the (All) option when the user selects other select options. It will also unselect other options when the user selects the (All) option. This fix has been validated in AWARE30A and is functioning correctly. |
| “Alert Cache Viewer Enhancement” (CR-62)  In Alert Cache Viewer the following fixes were made for this release:   * Add CLINIC as a new filter * Rearrange the Filters to Service, Clinic, Provider, Patient, Follow-up * Add Clinic column in the grid * Remove columns Alert ID, Alert Category, Follow-up>7 Days * Add Day Counter column containing number of days since the alert created until follow-up date. If alert has not been followed-up, use today date. * Color day counter value to bold orange if alert has not been followed up for >= 7 days but less than 14 days * Color day counter value to bold red if alert has not been followed up for >= 14 days. * Remove provider DUZ * Remove word Cache Viewer in all Alert Cache Viewer occurrences    In Alert Cache Detail the following fixes were made:   * Change caption Alert Resultor to Alert Created By * Remove Resultor class |
| “Maintaining the ALERTS with no follow-up in the AWARE ALERT CACHE file for 30 days” (CR-63)  Change made to provide the opportunity for a quality control person to find outliers beyond 7 or 14 day limits for not follow-ups done. |

## Upgrades

Charleston site OI&T personnel will perform the upgrade to v1.1.8 in the Prod environment by

* Installing the AWARE CSP update. The instructions are in the document, AWARE\_Prod\_Update\_CSP\_V\_1\_8.docx. The CSP xml file is provided in the release. (VEFA\_CSP\_V\_1\_8.xml).

*There are no changes requ*ired for AWARE CPRS.

All the related AWARE Version 1.1.8 components can also be found on the VHALONAPP7 server in the C:\AWARE\_INSTALLATION\_SOFTWARE folder.

## Known Issues

There are 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: <http://vaww.oed.portal.va.gov/projects/aware/default.aspx>