Version Description Document

VistA Scheduling Enhancements (VSE)

VistA GUI v2.0.0.14

SD\*5.3\*672



January 2018

Version 3.0

Department of Veterans Affairs

Document Revision History

| Date | Document Version | Description | VDD Author / Team Role | VA Group or Contract Company |
| --- | --- | --- | --- | --- |
| 1/9/2018 | 3.0 | Updates for Release 1.4 | VSE PMO | VSE PMO |
| 11/03/2017 | 2.0 | Updates for Release 1.3.2 | VSE PMO | VSE PMO |
| 8/4/2017 | 1.0 | Initial Baseline | VSE PMO | VSE PMO |

VIP Template v1.8 – April 2016

VA requires the Version Description Document (VDD) to identify, maintain, enhance, and recreate the product (IT asset) throughout its lifecycle. The VDD reinforces strong risk management practices and helps protect VA from loss of the product (IT asset), which is especially important with a regular rotation of personnel and contractors.

The VDD is a mandated document that will be verified prior to Release.

The VDD is the authoritative inventory and roadmap of all Configuration Items that make up the deployable product/system. Configuration Items include source code files, builds/packaging, tools, baselines, locations, and associated product files. The VDD is itself a Configuration Item maintained under change control in the Technical Reference Model (TRM)-approved configuration management system, which is part of the VA Federated Configuration Management Data Base (CMDB).

Project Managers and Configuration Managers use the VDD template as a tool for managing Configuration Items and baselines associated with the deployable product. It is the responsibility of the Project Manager to ensure the processes are followed within the product build process (ProPath, Product Build: BLD-1 Develop Product Component). The expectation is that the VDD is controlled just as a source file with having one VDD per Product that has many versions being managed within the Software Configuration Management (SCCM) repository following baseline processes. The IT Configuration Managers (or IT Architect/Development Lead) ensure that creation and modification of the Products VDD is integrated with any parallel activities being performed on the said product. The Configuration Manager creates/updates the VDD each time the deliverable (file set) leaves the development environment, such as for testing or deployment. The VDD is the representation and result of the Software Configuration Management Procedures being followed. The Product Procedures along with work instruction are to be created and maintained by the Information Technology (IT) Configuration Managers (or IT Architect/Development Lead). For product procedure information, refer to the Software Configuration Management Procedures Template (ProPath, Project Planning: PRP 3.7). The Project Manager is responsible for ensuring the Configuration Manager maintains versions of the VDD and deliverables (files) in the TRM-approved configuration management system.

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# General Configuration Management (CM) Information

| Deliverable (Product) Name | Configuration Manager | VDD Package Name | Project / Delivery Team |
| --- | --- | --- | --- |
| VSE VistA Scheduling | Shawn Hinrichs & Mike Reese | SD\*5.3\*672 | VSE/HPE |
| VSE GUI | Shawn Hinrichs & Mike Reese | VA VistA Scheduling GUI 2.0.0.14 | VSE/HPE |

# Configuration Management (CM) Tools

| CM Tools | CM Tool Location | Tool  Onsite/  Offsite | CM Tool Access  Point of Contact | Access Information (Forms or other access requirements) |
| --- | --- | --- | --- | --- |
| Rational Change and Configuration Management (CCM) | Hines Data Center | Onsite | VA Rational Tools Team | <http://vaww.oed.portal.va.gov/communities/OSCTM/toolsmgmt/Rational%20Tools/Pages/SR.aspx> |

# Configuration Management of Documents

## Rational Change and Configuration Management (CCM) Documents

The CCM/Rational Team Concert (RTC) location for the documents and CCM/RTC explanation for the information.

| CCM/RTC Information | Explanation |
| --- | --- |
| **CCM URL** | [**https://clm.rational.oit.va.gov/ccm**](https://clm.rational.oit.va.gov/ccm) |
| **CCM Project Area** | Scheduling (Legacy) |
| **CCM Team Area** | VistA Scheduling Enhancements (VSE) (CM) |
| **CCM Stream** | ConDEV1 |
| **Baseline ID** | Build 2 |
| **Components** | VSE Project Documentation |
| **Directory Path** | Source Control > Streams > VADEV3> VSE Project Documentation |
| **Documents Included**  **In the Baseline** | VSE\_Version\_Description\_Doucment\_R1.4 |

# Configuration Management Development Files (Ex. Source, JSP, Configuration, and Build Files)

## Rational Change and Configuration Management (CCM) Repository (Formerly RTC)

The CCM/RTC location for the development files (source) and CCM/RTC explanation for the information.

| CCM/RTC Information | Explanation |
| --- | --- |
| **CCM URL** | [**https://clm.rational.oit.va.gov/ccm**](https://clm.rational.oit.va.gov/ccm) |
| **CCM Project Area** | Scheduling (Legacy) |
| **CCM Team Area** | VSE (CM) |
| **Stream** | VADEV1 |

### Baseline and Component

Where a set of artifacts are identified as baselined, grouped, and managed.

| Name | Description |
| --- | --- |
| VistA Scheduling (VS) Graphical User Interface (GUI) | VA VistA Scheduling GUI\_T 2.0.0.14 |
| VistA Patch | SD\*5.3\*672 |

### Build Information

General build information that results from the build process.

| Name | Description |
| --- | --- |
| **Build Output** | VS GUI:  VistASchedulingGUIInstaller\_P.msi  M Patch:  SD\*5.3\*672 |
| **Build Output Directory** | VS GUI:  RTC/Source\_Control/Streams/VADEV1  M Patch:  FORUM |
| **Target Deployment Location** | [\\vaisalabnas1.vha.med.va.gov\FieldUpload\211\_VistaGUI\_P\_2\_0\_0\_14P](file:///\\vaisalabnas1.vha.med.va.gov\FieldUpload\211_VistaGUI_P_2_0_0_13P) |

### CCM/RTC Build Definition

The name of the build definition, which controls what is built and how it is built.

| **Name** | **Description** |
| --- | --- |
| N/A | N/A |

### Build Label or Number

The identifier for the derived object or package that was produced for deployment and/or install.

| **Name** | **Description** |
| --- | --- |
| VA VistA Scheduling SD\*5.3\*672 | VistA Patch SD\*5.3\*672 |
| VA VSE GUI\_P 2.0.0.14 | GUI version 2.0.0.14 |

# Build and Packaging

## Build Logs

VSE VA VistA Scheduling GUI\_P Build Document

# Change Tracking

| Change Tracking Tool | Change Tracking Tool Location | Tool  Onsite/  Offsite | Change Tracking Tool Access / POC | Access Information (Forms or other access requirements) |
| --- | --- | --- | --- | --- |
| **Rational CCM** | Hines Data Center | Onsite | VA RTC Team | <http://vaww.oed.portal.va.gov/communities/OSCTM/toolsmgmt/Rational%20Tools/Pages/SR.aspx> |

## Rational Change and Configuration Management (CCM) Repository (Formerly RTC)

| Location | Terms |
| --- | --- |
| **CCM URL** | [**https://clm.rational.oit.va.gov/ccm**](https://clm.rational.oit.va.gov/ccm) |
| **CCM Project Area** | Scheduling (Legacy) |
| **CCM Team Area** | VSE (CM) |

The following ‘Defects’ have been resolved and are in Problem-Fixed in CA SDM

| Defect Work Item ID | Summary |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

| **Incident #** | **Summary** |
| --- | --- |
| I10959194FY17 | Clinic Group would not display for second patient without searching for a different clinic group first. |
| I11259063FY17 | Unable to disposition Wait List from RM Grid. |
| I12362398FY17 | Scheduling Grid continues to display OVERBOOK capability (TEAL color) when a FULL DAY cancelation has been entered. |
| I12487403FY17 | An Unhandled Exception occurs in VS GUI when attempting to use drag and drop for a consult appointment. |
| I12529073FY17 | In VS GUI, Slots in the Grid and the Available Slot Numbers Change Depending on Where I Clicked on the Grid. |
| I12602010FY17 | Patient with a Date of Death can add a new Appointment Request. |
| I12748395FY17 | Cancel by clinic in VS GUI allows the CID/Preferred date to be changed. |
| I12871937FY17 | VS GUI Audit Report has conflicting counts when displaying by user vs displaying ALL users. |
| I13212697FY17 | Appointments scheduled in VS GUI with past date do not display in CPRS coversheet. |
| I13233499FY17 | Issue in VS GUI when selecting 'Follow-up Needed' when checking out an appointment. |
| R14380532FY17 | SDRR CLINIC LETTER REPORT option will not run properly due to bad data. |

# Known Issues

All known issues for this release are documented using the CA SDM tool. Tickets generated and that remain open will be addressed as part of the ongoing Post Warranty Sustainment effort. Known issues are documented as Open items on the latest ticket list [here](http://vaww.oed.portal.va.gov/pm/iehr/vista_evolution/enhancements/General/Forms/AllItems.aspx?RootFolder=%2Fpm%2Fiehr%2Fvista%5Fevolution%2Fenhancements%2FGeneral%2FOverview&FolderCTID=0x0120004E51E7D70431B143BAE2DB05330636D6&View=%7b8DADD62A-353D-422B-A06C-E9E8B6FA37E5%7d).

# Release (Deployment) Information

| Release Identification | Release Package POC Name | Release Package POC Email |
| --- | --- | --- |
| VS GUI 2.0.0.14 | Yoojin Lee | [Yoojin.Lee@va.gov](mailto:Yoojin.Lee@va.gov) |

| Release Package (Component) Identified | Release Package Description | Release Package Delivery Method | Release Package Location Identified |
| --- | --- | --- | --- |
| 1. VistA Scheduling GUI Application v2.0.0.14  2. Patch SD\*5.3\*672 | VS GUI Application v2.0.0.14 with supporting Patch | VS GUI: SCCM Push  Patch SD\*5.3\*672: KIDS Install | VS GUI:  SCCM  Patch SD\*5.3\*672: FORUM.VA.GOV |

# Testing Details

The 1.4 release test cycle was an expedited testing cycle. While it included a Software Quality Assurance (SQA), Initial Operating Capabilities (IOC) pre-production and IOC production testing phases the time periods for each phase were shortened. There were 2 IOC sites utilized for this IOC testing cycle, both of which completed all required scripts and concurred with moving forward with the national release of the functionality and defect fixes contained in this release.

On the VSE project, defects are managed differently per testing cycle phase. During the SQA and IOC pre-production phase, the issues that are found are manually managed in the projects defect log. During the IOC production phase the issues are captured and once adjudicated by the OVAC team they are placed into CA SDM database.

Below are the defect results of each testing phase for the 1.4 release.

## SQA Phase Results

There were 3 unresolved defects identified during the SQA testing phase: 0 with a high severity, 2 with a medium severity, 1 with a low severity, and 5 which were not adjudicated (NA).

Below is the list of the 8 unresolved defects from the SQA test phase:

| **Defect**  **Work Item #** | **Description** |
| --- | --- |
| SQA VSE 1.4 615846 | Provider Schedules information does not match Schedules information and the calendar that is being displayed. |
| SQA VSE 1.4 615847 | Message doesn't make sense to what is happening on the screen. |
| SQA VSE 1.4 615841 | Clicking and dragging appointments between multiple length clinics. |
| SQA VSE 1.4 615847 | Message doesn’t make sense to what is happening on the screen. |
| SQA VSE 1.4 615849 | Clinic Group displayed but name isn’t shown in the area under where the calendar is displayed. |
| SQA VSE 1.4 616647 | When clicking and dragging a Sensitive patient the patient is put in context even when the user doesn’t click Continue. Click X or outside the box and the sensitive patient is brought into context. |
| SQA VSE 1.4 616728 | Appointment not going to the correct time in the clinic with click and drag. |
| SQA VSE 1.4 616815 | Test case 14 Failure Appointments are in Pending Appointments but not in CPRS. |

## IOC Pre-Production Phase Results

There were 13 unresolved defects identified during the IOC pre-production testing phase: 0 with a high severity, 0 with a low severity, and 13 which were not adjudicated (NA).

Below is the list of the 13 unresolved defects from the IOC pre-production testing phase:

| **Defect**  **Work Item #** | **Description** |
| --- | --- |
| VSE1.4-IOC-49.1 | While executing TC 49.1 – Overbooking was allowed when it should have been revoked. |
| VSE1.4-IOC-50.1 | While executing TC 50.1 – Overbooking was allowed when it should have been revoked. |
| VSE1.4-IOC-51.1 | While executing TC 51.1 – Overbooking was allowed when it should have been revoked. |
| VSE1.4-IOC-52.1 | While executing TC 52.1 – Overbooking was allowed when it should have been revoked. |
| VSE1.4-IOC-53.1 | While executing TC 53.1 – Overbooking was allowed when it should have been revoked. |
| VSE1.4-IOC-61.3 | When executing TC# 61.3 – expected result for scheduling appt within clinic time but prior to clinic availability is ‘THAT TIME IS NOT WITHIN SCHEDULED PERIOD!...OK?’ – The result that I got was ‘OVERBOOK?...OK?’ |
| VSE1.4-IOC-61.2 | When executing TC# 61.2/step 3 – Sensitive dialog box does not appear when trying to move sensitive patient appointment to a different time. |
| VSE1.4-IOC-62.5 | When executing TC# 62.5/step 5 –Expected dialog when scheduling in clinic group mode is different that what is expected – Saying ‘Overbook… ok?’ vice ‘that time is not within scheduled period-ok?’ |
| VSE1.4-IOC-62.6 | When executing TC# 62.6/step 5 –Expected dialog when scheduling in clinic group mode is different that what is expected – Saying ‘Overbook… ok?’ vice ‘that time is not within scheduled period-ok?’ |
| VSE1.4-IOC-62.7 | When executing TC# 62.7/step 4 –Expected dialog when scheduling in clinic group mode is different that what is expected – Saying ‘Overbook… ok?’ vice ‘that time is not within scheduled period-ok?’ |
| VSE1.4-IOC-62.8 | When executing TC# 62.8/step 4 –Expected dialog when scheduling in clinic group mode is different that what is expected – Saying ‘Overbook… ok?’ vice ‘that time is not within scheduled period-ok?’ |
| VSE1.4-IOC-62.9 | When executing TC# 62.9/step 4 –Expected dialog when scheduling in clinic group mode is different that what is expected – Saying ‘Overbook… ok?’ vice ‘that time is not within scheduled period-ok?’ |
| VSE1.4-IOC-63.1 | When executing TC# 63.1 Expected result: “Appointment is moved to the first clinic in the Providers Schedule at the correct time even if that time is before the clinic allows appointments” Actual result: Appointment was made to the slot that I selected and not the first slot of the day. |

## IOC Production Phase Results

There were 3 unresolved defects identified during the IOC production testing phase, all 3 of which were not adjudicated (NA).

Below is the list of the 3 unresolved defects from the IOC production testing phase:

| **Defect**  **Work Item #** | **Description** |
| --- | --- |
| VSE1.4-IOC-6.1 | While executing TC# 6.1 -  The script failed due to the instructions. VS functionality is not a problem. |
| VSE1.4-IOC-8.1 | While executing TC# 8.1 –  Expected Result: Confirm that the Add an Appointment is grayed out. Validate that the Scheduling Grid shows teal with hashmarks indicating cancelled availability from the start of the clinic to midnight. There should not be any plain teal indicating overbook is possible in the late evening hours.  Actual Result: There are no hash marks after 6pm but I get a pop up saying CAN’T BOOK WITHIN CANCELLED TIME PERIOD! |
| VSE1.4-IOC-13.1 | While executing TC# 13.1 –  Expected Result: Note the counts for Scheduler A.  Actual Result: Loading Audit Data spins for 10 min then get “Cancel Audit Data Error’ dialog box that states RPCException (ADTDataRepoisiroty.getADTDataExt). Click OK on all of these and it still spins Loading Audit Data; X-d out of the Report but I still get the blue spinning circle next to my mouse when I am over the program.  Click Audit aCTIVITY AGAIN AFTER ONE MINUTE – GET SPINNING LOADING BAR THEN AN ERROR. Click OK – still spins on Loading. X out – can change to other tabs but when try to select a patient get an error:. |

**NOTE:** Each of the production defects above will be placed into CA SDM