Version Description Document

Purchase Care Program Integrity Tool (PC PIT)

5.0



July 2019

Document Version 5.0

Department of Veterans Affairs

Document Revision History

| Date | Document Version | Description | VDD Author / Team Role | VA Group or Contract Company |
| --- | --- | --- | --- | --- |
| 04/19/2019 | 1.0 | First production instance of PIT Database Improvements | PIT Database Improvements | VA OI&T (Office of Information & Technology) |
| 05/02/2019 | 1.0 | Initial draft – eCAMS Bi-Feed Terminal State File | Sowmya Rachaputi | By Light |
| 05/23/2019 | 2.0 | Included eCAMS Bi-Directional Scored File Feed | Sowmya Rachaputi | By Light |
| 05/23/2019 | 3.0 | * Included Build Label or Number * Changed Release (Deployment) Information | Sowmya Rachaputi | By Light |
| 06/05/2019 | 4.0 | * Document Review * Build details added | Athar Ahmad | By Light |
| 07/22/2019 | 5.0 | * Added Bi-Directional Development file names * Please refer to ‘BiDirectionalDevFile’ excel sheet for Development file names | Sowmya Rachaputi | By Light |

Deliverable (Product) Version History

| Date | Release / Revision | Description | Project Name | VA Department |
| --- | --- | --- | --- | --- |
| 04/19/2019 | 1.0 | First production instance of PIT Database Improvements | PIT Database Improvements | VA OI&T (Office of Information & Technology) |
| 5/9/2019 | 1.0/ Build 3 | First production instance of eCAMS Bi-Feed Terminal State File | eCAMS Bi- Feed Terminal State File | VA OI&T (Office of Information & Technology) |
| 6/27/2019 | 3.0/ Build 4 | First production instance of eCAMS Bi-Directional Scored File Feed | eCMAS Bi-Directional Scored File Feed | VA OI&T (Office of Information & Technology) |

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 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 SCM 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 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 |
| --- | --- | --- | --- |
| Program Integrity Tools (PIT)  PIT Database Improvements v1.0 | Athar Ahmad | N/A | By Light Team |
| Program Integrity Tools (PIT)  eCAMS Bi-Feed Terminal State File | Athar Ahmad | N/A | By Light Team |
| Program Integrity Tools (PIT)  eCAMS Bi-Directional Scored File Feed | Athar Ahmad | N/A | By Light Team |

# 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) |
| --- | --- | --- | --- | --- |
| IBM Rational Requirements  Composer | Hines Data Center | VA network | VA Rational Tools Team | [Requirements Management](https://clm.rational.oit.va.gov/rm/web#action=com.ibm.rdm.web.pages.showFoundationProjectDashboard&componentURI=https%3A%2F%2Fclm.rational.oit.va.gov%2Frm%2Frm-projects%2F_Z6jY0RBsEeaggPAV14Ueag%2Fcomponents%2F_autZoBBsEeaggPAV14Ueag) |
| IBM Rational Team Concert | Hines Data Center | VA network | VA Rational Tools Team | [Configuration](https://clm.rational.oit.va.gov/ccm/web/projects/CCPIT%20(CM)#action=com.ibm.team.dashboard.viewDashboard)  [Management](https://clm.rational.oit.va.gov/ccm/web/projects/CCPIT%20(CM)#action=com.ibm.team.dashboard.viewDashboard) |
| IBM Rational Quality Manager | Hines Data Center | VA network | VA Rational Tools Team | [Quality Management](https://clm.rational.oit.va.gov/qm/web/console/CCPIT%20(QM)#action=com.ibm.rqm.planning.home.actionDispatcher&subAction=viewUserHome) |

# Configuration Management of Documents

## Rational Change and Configuration Management (CCM) Documents

The CCM/RTC location for the documents and CCM/RTC explanation for the information.

| CCM/RTC Information | Explanation |
| --- | --- |
| CCM URL | <https://clm.rational.oit.va.gov:443/ccm> |
| CCM Project Area | CCPIT (CM) |
| CCM Team Area | CCPIT (CM) |
| CCM Stream | CCPIT\_Doc |
| Baseline ID | CCPIT\_Build3\_Build4\_Rel4.2.3 |
| Components | CCPIT\_Doc |
| Directory Path | CCPIT(CM)->Source Control-> Streams-> CCPIT\_DOC |
| Documents Included  In the Baseline | * Non-VA Care Program Integrity Tools – System Design Document- v1.19.0\_04012019.docx * CCPIT\_Sprint 1\_Test Cases\_v0.1. xslx * PITDatabaseImprovements\_MTP\_v1.0\_4162019.docx * PITDatabaseImprovements TestReport\_v0.1\_4162019.docx |

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

## Rational Team Concert (RTC) Repository

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

| CCM/RTC Information | Explanation |
| --- | --- |
| CCM URL | <https://clm.rational.oit.va.gov:443/ccm> |
| CCM Project Area | CCPIT(CM) |
| CCM Team Area | CCPIT (CM) |
| Stream | [CCPIT (CM) Stream](https://clm.rational.oit.va.gov/ccm/web/projects/CCPIT%20(CM)#action=com.ibm.team.dashboard.viewDashboard) |

### Baseline and Component

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

| CCPIT\_SQLComponent  Folder Name | Description |
| --- | --- |
| Release 1 – Archiving SQL Scripts | Development code had been stored under: CCPIT (CM) -> Source Control -> streams->CCPIT\_Src->CCPIT\_SQL->Folder Name: Release 1 – Archiving SQL Scripts |
| Development Task 2.2.a SQL Scripts.zip | SQL Scripts for Development Tasks – 1.1.a & 2.2. a |
| Dr\_pmt\_ind.sql | SQL Script for Development Task – 2.1.a |
| Ind\_used.sql | SQL Script for Development Task – 1.1.a |
| Release 2 - Provider Data Clean up | Development code had been stored under: CCPIT (CM) -> Source Control -> streams->CCPIT\_Src->CCPIT\_SQL->Folder Name: Release 2 – Provider Data Cleanup |
| PITDI\_PDC.zip | Zip files related to Release 2 – Provider Data Cleanup |
| eCAMS Bi-Feed Terminal State File Development Code | Development code had been stored under:  CCPIT (CM) -> Source Control-> Streams->CCPIT\_Src->CCPIT\_SQL-> Folder Name: eCAMS Bi-Feed Terminal State File Development Code |
| eCAMS Bi-Directional Scored File Feed Development Code | Development code had been stored under:  CCPIT (CM) -> Source Control-> Streams->CCPIT\_Src->CCPIT\_SQL-> Folder Name: eCAMS Bi-Directional Scored File Feed Development Code |

### Build Information

General build information that results from the build process.

| Name | Description |
| --- | --- |
| Archiving | |
| Build Output | PITEDR\_2018 |
| Build Output Directory | PIT Drop Zone Directory path:  [\\vaausnodpci200b\PITEDR\_2018](file:///\\vaausnodpci200b\PITEDR_2018) |
| Target Deployment Location | PIT Enterprise Data Repository |
| Provider Data Clean up | |
| Build Output | datamgr-1.0.jar |
| Build Output Directory | d:\releases\providerCleanupRelease\binaries  on [VAAUSOPSPCI605.aac.dva.va.gov](http://VAAUSOPSPCI605.aac.dva.va.gov) |
| Target Deployment Location | PIT Enterprise Data Repository: Vaauspciapp23 |
| Name | Description |
| eCAMS Bi-Feed Terminal State File | |
| Build Output | CCNN-TerminalStatus-HCFA-CCNNC-YYYYMMDD  CCNN-TerminalStatus-UB04-CCNNC-YYYYMMDD |
| Build Output Directory | VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/IN/ARCHIVE |
| Target Deployment Location | Program Integrity Tools Enterprise Database Repository (PITEDR) |
| Name | Description |
| eCAMS Bi-Directional Scored File Feed | |
| Build Output | * CCNNC\_HCFA\_ScoredClaims- YYYYMMDDHHMMSSMilliseconds.txt   CCNNC\_UB04\_ScoredClaims-YYYYMMDDHHMMSSMilliseconds.txt |
| Build Output Directory | VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/OUT/ARCHIVE  VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/OUT/SCORED |
| Target Deployment Location | Program Integrity Tools Enterprise Database Repository (PITEDR) |

### RTC Build Definition

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

| Name | Description |
| --- | --- |
| Release 1: Archiving | Archiving claims older than 6 years |
| Release 2: Provider Data Cleanup | Provider data residing in PITEDR had been cleaned. |
| Release 3: Patient Data Cleanup | Patient data residing in PITEDR had been cleaned. |
| Release 4: Access reports with increased speed for analytics, reporting and mining purposes | Enhance reporting and analysis capabilities |
| Build 3: eCAMS Bi-Feed Terminal State File | Development of eCAMS Bi-Feed Terminal State file |
| Build 4: eCAMS Bi-Directional Scored File Feed | Development of eCAMS Bi-Directional Feed Scored File and return the scored file to eCAMS |

### Build Label or Number

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

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

# Build and Packaging

## Build Logs

**Release 1: Archiving:**

Log on to: vaauspciapp82.aac.dva.va.log

D:\IBM\dbcleaner\logRelease 2: Provider data cleanup:

Log on to: vaauspciapp82.aac.dva.va.log

D:\IBM\dbcleaner\log

**Release 2: Provider data cleanup (API Webservice call to NPPES):**

d:\releases\providerCleanupRelease\logs on [VAAUSOPSPCI605.aac.dva.va.gov](http://VAAUSOPSPCI605.aac.dva.va.gov)

|  |  |  |  |
| --- | --- | --- | --- |
| **eCAMS Bi-Feed Terminal State File / eCAMS Bi-Directional Scored File Feed** | Environment | Development components | Log file locations |
| **Pre-production** | Pre-processor | \\vaauspciapp43\VAPIT\scripts\fileproc\logs |
| Post-processor | [\\vaauspciapp43\VAPIT\scripts\fileproc\logs](file:///\\vaauspciapp43\VAPIT\scripts\fileproc\logs) |
| ETL | Xmeta Repository |
| Scoring | \\VAAUSPCIAPP20\vapit$\IBM\WAS\profiles\odm\logs\odm1\SystemOut.log |

|  |  |  |  |
| --- | --- | --- | --- |
| **eCAMS Bi-Feed Terminal State File / eCAMS Bi-Directional Scored File Feed** | Environment | Development components | Log file locations |
| **Production** | Pre-processor | \\vaauspciapp23\VAPIT\scripts\fileproc\logs |
| Post-processor | \\vaauspciapp23\VAPIT\scripts\fileproc\logs |
| ETL | Xmeta Repository |
| Scoring | [\\VAAUSPCIAPP20\vapit$\IBM\WAS\profiles\odm\logs\odm1\SystemOut.log](file:///\\VAAUSPCIAPP20\vapit$\IBM\WAS\profiles\odm\logs\odm1\SystemOut.log) |

## Build System/Process Information

N/A

### Change Tracking

| Change Tracking Tool | Change Tracking Tool Location | Tool  Onsite/  Offsite | Change Tracking Tool Access / POC | Access Information (Forms or other access requirements) |
| --- | --- | --- | --- | --- |
| IBM Rational Team Concert, v6.0 | VA Rational Jazz Server | Onsite | VA Rational Tools Team | [Access to IBM Rational Team concert](https://clm.rational.oit.va.gov/ccm/web/projects/CCPIT%20(CM)#action=com.ibm.team.dashboard.viewDashboard) |
| JIRA | By Light Professional IT Services, Inc. | Offsite | Athar Ahmad |  |

## Rational Team Concert (RTC) Repository

| Location | Terms |
| --- | --- |
| CCM URL | https://clm.rational.oit.va.gov/ccm/web/projects/CCPIT%20(CM)#action=com.ibm.team.dashboard.viewDashboard |
| CCM Project Area | CCPIT (CM) |
| CCM Team Area | CCPIT (CM) |

## Changes Since Last VDD

The following changes were created from a Jira report.

| Change ID | Summary |
| --- | --- |
| PIT-363 | [PIT Maintenance Tasks - Improve Scoring Queries](https://vapit1.atlassian.net/browse/PIT-363) |
| PIT-684 | [PIT Optional Task: Data Archiving](https://vapit1.atlassian.net/browse/PIT-684) |
| PIT-707 | IOC-ECAMS Terminal State File and Testing |
| PIT- 769 | Patient Data Fix |
| PIT-771 | Provider Data Fix |
| PIT-815 | ECAMS Bi-Directional Feed Scored File Feed |

# Release (Deployment) Information

| Release Identification | Release Package POC Name | Release Package POC Email |
| --- | --- | --- |
| CCPIT\_Build3\_Build4\_Rel4.2.3 | Sasha Ananiev | Alexander.ananiev@va.gov |
| CCPIT\_Build3\_Build4\_Rel4.2.3 | Bruce Sonnenfeld | Bruce.Sonnenfeld@va.gov |

| Release Package (Component) Identified | Release Package Description | Release Package Delivery Method | Release Package Location |
| --- | --- | --- | --- |
| Archiving | Database SQL Scripts | .SQL | \\vaausnodpci200a  \\vaasunodpci200b\PITEDR\_2018 |
| Provider Data Cleanup | Provider Data Cleanup |  | \\vaausnodpci200a  \\vaasunodpci200b |
| eCAMS Bi- Feed Terminal State File Extract | Terminal State File Extract code | .DLL  .SQL  .Java  .lst  .properties  ,xml | VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/IN/ARCHIVE  VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/IN |
| eCAMS Bi-Directional Scored File Extract  Note: Please refer to ‘BiDirectionalDevFile’ for Development File names. | Scored File Extract code | .DLL  .SQL  .Java  .lst  .properties  .xml | VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/OUT/ARCHIVE  VAAUSFTP21.aac.dva.va.gov/CCNNC\_PIT/PROD/OUT/SCORED |

Template Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| April 2016 | 1.8 | Updated VIP policies and processes.  Updated to remove ClearCase and ClearQuest references.  Correction and revision of general text. | Configuration Management, EPMO |
| March 2016 | 1.7 | Updated to align with new VIP policies and processes. | VIP Business Office |
| December 2015 | 2.3 | Correct alt. text in tables. | Process Management |
| October 2015 | 2.2 | Update alternate text in tables, adjust spacing between tables, and allow spell and grammar checking in proofing. | Process Management |
| June 2015 | 2.1 | Edited to conform with latest Section 508 guidelines and remediated with Common Look Office tool. | Process Management |
| May 2015 | 2.0 | Major revision from PMAS Process Improvement Lockdown. | VA OI&T ESE |
| May 2015 | 1.3 | Reordered cover sheet to enhance SharePoint search results. | Process Management |
| October 2014 | 1.2 | Detailed alternate text added to each table, updated fonts, added disclaimer to instructional text regarding modification of template by end user, validated Section 508 conformance with MS Word utility, and remediated with Common Look Office tool. | Process Management |
| March 2013 | 1.1 | Formatted to current ProPath documentation standards and edited to conform with latest Alternative Text (Section 508) guidelines. | Process Management |
| January 2013 | 1.0 | Initial Version. | PMAS Business Office |