

VA OI&T Data Access Services (DAS)

Phase 2

V13.0.0

Release Notes



Version 1.0

Date

Revision History

Date	Revision	Description	Author
Mm/dd/yyyy	0.01	Initial Draft	Ann Slaughter
Mm/dd/yyyy	0.02	Update Release diagram	
Mm/dd/yyyy	0.03	Added list of User Stories, CRs and Other code modifications	
Mm/dd/yyyy	0.04	Added CR-254	

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1. Introduction

This document contains the release notes for DAS v13.0.0.

2. Project Description

DAS is a suite of middleware applications that provide access to VLER data and assist in its management. The primary applications are VLER Read Service (VRS), Business Transaction Service (BTS), VLER Digits to Digits Service (D2D), VLER Pre-fetch, VLER Gateway, VLER DAS DataManager, the VLER Proxy Service, DAS eCRUD, DAS Client Gateway, DAS Data Routing Service, and others. DAS also includes wrapper applications (wrappers) acting as interfaces between the primary applications and other systems that store VLER data. The wrappers convert data formats between DAS and external systems and vice-versa.

The next section describes the modifications to DAS for this release.

3. Document Scope

This Release Notes document addresses the implementation of DAS v13.0.0, specifically the following:

The figure in Appendix B depicts the high level architecture of the baseline (previous) release as it is being modified for the current release.

DAS Node.js Applications

- **das-dataRoutingService** DAS to establish a bi-directional data exchange service with external vendors, Veterans Choice (VC) contractors. This will enable the Veterans Health Administration (VHA) to exchange (send) Veterans Choice card and eligibility information for the Veterans Choice program, and enable ES to receive VC information and demographic updates from VC contractors in real-time
- **das-redi2http-v2** DAS to establish a bi-directional data exchange service with external vendors, Veterans Choice (VC) contractors. This will enable the Veterans Health Administration (VHA) to exchange (send) Veterans Choice card and eligibility information for the Veterans Choice program, and enable ES to receive VC information and demographic updates from VC contractors in real-time

3.1. New Functionality (Non-CR)

This release implements the following User Stories:

- **US055.02** VHA-Community_Care_ESVC_ES_Enrollment System Veterans Choice Data Exchange
- **US055.03** VHA_Community_Care_PPMS_Community Provider Data Receive
- **US055.05** VHA_Community Care_OHI weekly receive

- **US055.06** VHA_Community Care_Send VA Provider data to Contractor - Initial Seeding and Weekly Exchange
- **US055.08** CC_Nightly Extract Receive (CDW or TBD)
- **US055.09** (Mock Services): VHA-Community Care_Community Provider Portal Data Storage (CUI)
- **US055.12** VHA_Community Care_ES_Contractor and Community Provider Messaging
- **US055.13** VHA_Community Care_CCN_Provider-to-VA Daily File Rejection Processing
- **US055.14** VHA_Community Care_External Primary Care Provider Designations
- **US055.15** VHA_Community Care_ES_Eligibility Veteran Info Initial Seeding
- **US055.16** VHA_Community Care_Nightly 835 and 837 Files
- **US055.18** VHA_Community Care_Expose Community Care Data to VistA Imaging
- **US065.02** VHA-DoD_VHA Divestiture_Expose non-DICOM artifacts and manifests sourced from DoD to VHA
- **US065.04** VHA-DoD_VHA_Divestiture_BIA_Bidirectionally_share_DICOM_images_and_data_between_the_VA_and_DoD

3.2. CR Items Included in this release

This release implements the following Change Requests:

- **CR-179** Configure New ProxyAdapter and Parse Patient ID, FHIR URL Format
- **CR-195** Update HTTP headers to allow for authentication for CVIX (US 65.04)
- **CR-197** Make System/Sender Id Configurable in PIX
- **CR-211** FHIR Compliant 200 Response for Patient not found in MVI
- **CR-235** Modifications to Redis Configuration File and Service Script
- **CR-234** Research Large D2D Attachment Failures
- **CR-237** DAS 13.0 V&V Quality Code Review and Remediation (Fortify)
- **CR-241** WL Configuration Changes and D2D Fixes to Handle Large Attachments
- **CR-245** - Build Mock Services for Community Care testing
- **CR-247** C&P Exam Management Implementation of IEPD 2.0 - TURNED OFF
- **CR-251:** Fix D2D XDR Response Error Handling for Outbound Messages to VSOs
- **CR-252:** WL Configuration for JMS Queue for ICAP Client
- **CR-253** Bull queue expired messages need to be written via eCRUD to MongoDB collection
- **CR-227:** Improve STR NOI processing to include batch/throttled requests (vs. all at once)
- **CR-229:** Improve STR Patient Updates to support supplying an END DATE to HAIMS (vs. only providing a start date)

3.3. Bugs Fixed (CR Defects)

The following bugs were fixed in this release:

- **CR-254 BUG** - Correct VAMU Quickstats "Transactions" reporting

3.4. Other Code Modifications

- The existing HITSReadService is modified to expose the VHA-approved Community Care health data that DAS receives from the Clinician User Interface (CUI), eHealth Exchange, and Direct Secure Messaging (DSM) to VistA Imaging (VI) Image Exchange (VIX) Service.

4. Security Considerations

All changes, including software functionality and hardware architecture, must be configured and tested to insure the “as accredited” security model and risk level are maintained in accordance with the Bidirectional Health Information Exchange (BHIE) Security Documents. Existing infrastructure and security pathways will be utilized for this project. This infrastructure received an Authority To Operate (ATO) on August 20, 2008.

5. Database Impactor

New database instance with new collections are created in the MongoDB database along with associated indexes. Role privileges are updated to provide access to the new collections. This activity is implemented via a script provided to AITC, and it will be executed prior to DAS 13.0 deployment.

6. Infrastructure Impact

There are no infrastructure performance impacts associated with this DAS v13.0.0 release due to the fact that the data rates are minimal.

7. Other Dependencies

None.

8. Documentation Updated/Created

The installation instructions for this release are provided in the DAS Quick Installation Guide v.13.0.0 document.

9. Identified Issues and Workarounds

None.

9.1. Known Issues

None.

Appendix A – Acronyms

	Definitions
AITC	Austin Information Technology Center
ATO	Authority To Operate
BTS	Business Transaction Service
BHIE	Bidirectional Health Information Exchange
C&P	Compensation and Pension
CAPRI	Compensation and Pension Record Interchange
COG	Configuration and Operations Guide
D2D	Digits to Digits
DAS	Data Access Services
DBQ	Disability Benefits Questionnaire
DEAP	Disability Exam and Assessment Program
DoD	Department of Defense
HAIMS	Healthcare Artifact and. Image Management Solution
ICD	Interface Control Document
IEPD	Information Exchange Package Documentation
JMS	Java Messaging Service
O&M	Operations and Maintenance
PUR	Pending-UnderReview
RW	Read Wrapper
SOR	System of Record
SSN	Social Security Number
STR	Service Treatment Record
URL	Uniform Resource Locator
VA	Department of Veterans Affairs
VASRD	VA Schedule for Rating Disabilities
VBA	Veterans Benefits Administration
VBMS	Veterans Benefit Management System
VES	Veterans Evaluation Services
VHA	Veterans Health Administration
VIERS	Veteran Identity Eligibility Reporting System
VLER	Virtual Lifetime Electronic Record
VRS	VLER Read Service
VSO	Veteran Service Organization
XML	Extensible Markup Language
XSL	Extensible Stylesheet Language

13.0.0 Data Flow Diagram

