Revision History

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<th>Date</th>
<th>Version</th>
<th>Description</th>
<th>Author</th>
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<td>Sean Cassidy</td>
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Artifact Rationale

This document describes the Deployment, Installation, Roll-Back, and Back-Out Guide for new products going into the VA Enterprise. The plan includes information about system support, roles and responsibilities involved in all those activities. Its purpose is to provide clients, stakeholders, and support personnel with a smooth transition to the new product or software, and should be structured appropriately, to reflect deployment planning of these procedures for a single location or multiple locations, a single-phase deployment or a multiphase deployment, and should identify the requirements and responsible party for each process step.

The Veteran-focused Integrated Process (VIP) Guide, cites Deployment, Installation, Back-Out, and Rollback Guide is required to be completed prior to Critical Decision Point #2 (CD #2), with the expectation that it will be updated throughout the lifecycle of the project for each build, as needed.
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1 Introduction

This document describes how to deploy and install the Drug Accountability Upload (DAU)
PSA_MCKESSON_UPLOAD.EXE Version 3.0.79 (VistA informational patch PSA*3*79, as
well as how to back-out the product and rollback to a previous state.

1.1 Purpose

The purpose of this guide is to provide a single, common document that describes how, when,
where, and to whom the DAU application will be deployed and installed, as well as how it is to
be backed out and rolled back, if necessary. The guide also identifies resources, and
communication methods. Specific instructions for installation, back-out, and rollback are
included in this document.

1.2 Dependencies

PSA*3*26 and PSA*3*41 must be installed.
DAU is dependent on a VistA instance available to upload data to.

1.3 Constraints

This patch is intended for a fully patched VistA system.

2 Roles and Responsibilities

Table 1 identifies the technical and support personnel who are involved in the deployment of the
DAU release. The VIP Triad (commonly referred to as the three in a box) under the Veterans In
Process will meet and approve deployment and install from an OI&T perspective.

<table>
<thead>
<tr>
<th>ID</th>
<th>Team</th>
<th>Phase / Role</th>
<th>Tasks</th>
<th>Project Phase (See Schedule)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VA OI&amp;T, VA OI&amp;T Health Product Support, and developers</td>
<td>Deployment</td>
<td>Plan and schedule deployment</td>
<td>Planning</td>
</tr>
<tr>
<td>2</td>
<td>Site personnel in conjunction with local or regional IT support</td>
<td>Deployment</td>
<td>Determine and document the roles and responsibilities of those involved in the deployment.</td>
<td>Planning</td>
</tr>
<tr>
<td>3</td>
<td>Field Testing (Initial Operating Capability (IOC), Health Product Support Testing &amp; VIP TRIAD</td>
<td>Deployment</td>
<td>Test for operational readiness</td>
<td>Testing</td>
</tr>
</tbody>
</table>
3 Deployment

The deployment is planned as a Standard National release in support of the Drug Accountability program.

3.1 Timeline

This is considered a mandatory release and installation at the site will be required, within the constraints of the compliance period for the release.

3.2 Site Readiness Assessment

This section discusses the locations that will receive the deployment of the PSA_MCKESSON_UPLOAD.EXE (which is included in VistA informational patch PSA*3*79).

3.2.1 Deployment Topology (Targeted Architecture)

The PSA_MCKESSON_UPLOAD.EXE GUI Version 3.0.79 (released in PSA*3*79 VistA Informational Patch) is to be nationally released to all VAMCs.

The DAU application will be deployed to each requesting client as an executable.

3.2.2 Site Information (Locations, Deployment Recipients)

The IOC sites are:

Philadelphia
Northern California Martinez VHCS
Upon national release all VAMCs will receive PSA*3*79 VistA Informational Patch which will contain specific information for the location and retrieval of the .EXE.

### 3.2.3 Site Preparation

N/A

### 3.3 Resources

#### 3.3.1 Facility Specifics

This section is not applicable to the DAU.

<table>
<thead>
<tr>
<th>Site</th>
<th>Space/Room</th>
<th>Features Needed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### 3.3.2 Hardware

The following table describes hardware specifications required at each site prior to deployment.

<table>
<thead>
<tr>
<th>Required Hardware</th>
<th>Model</th>
<th>Version</th>
<th>Configuration</th>
<th>Manufacturer</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing VistA system</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### 3.3.3 Software

The following table describes software specifications required at each site prior to deployment.

<table>
<thead>
<tr>
<th>Required Software</th>
<th>Make</th>
<th>Version</th>
<th>Configuration</th>
<th>Manufacturer</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully patched Drug Accountability package within VistA</td>
<td>N/A</td>
<td>3.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
3.3.4 Communications

3.3.4.1 Patch Tracking

The sites that are participating in field testing (IOC) will use the “Patch Tracking” message in Outlook to communicate with the developers and product support personnel.

3.3.4.2 Deployment/Installation/Back-Out Checklist

Table 6 provides a checklist to be used to capture the coordination effort and document the day/time/individual when each activity is completed. The deployment and installation will be performed by on-site support personnel once the DAU is nationally released.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Day</th>
<th>Time</th>
<th>Individual who completed task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Back-Out</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4 Installation

4.1 Pre-installation and System Requirements

Download and extract the EXE to an accessible folder. Create a shortcut of the .EXE, and place it on the user’s desktop.

A fully patched VistA Drug Accountability Package is required.

4.2 Platform Installation and Preparation

None are required.

4.3 Download and Extract Files

Refer to the PSA*3*79 Informational VistA Patch to find related documentation that can be downloaded. The patch description will be transmitted as a MailMan message from the National Patch Module (NPM) and this message can be pulled from the NPM. The patch is informational; however, contains information about retrieval of files. The file name is: PSA_MCKESSON_UPLOAD_P79.ZIP and contains the PSA_MCKESSON_UPLOAD.exe Version 3.0.79. The file can be found on the ANONYMOUS.SOFTWARE directory on any of the VistA SFTP servers (Hines or Salt Lake).

Associated documentation will also be available on the VistA Document Library (VDL). The online versions will be updated as needed. Please look for the latest version on the VDL: https://www.va.gov/vdl
4.4 Database Creation
This section is not applicable to DAU.

4.5 Installation Scripts
This section is not applicable to DAU.

4.6 Cron Scripts
This section is not applicable to DAU.

4.7 Access Requirements and Skills Needed for the Installation
Staff will need access to FORUM’s NPM to view the patch description. Staff will also need access and ability to download the host file from one of the VA’s SFTP servers. The executable is to be installed by each site’s or region’s designated VA OI&T IT Operations Service, Enterprise Service Lines, VistA Applications Division.

4.8 Installation Procedure
Instructions may be found in the PSA*3*79 Informational VistA Patch found on the FORUM NPM. DAU is a standalone application.

To install the application:

***Note for backup purposes, users can retrieve a backup copy of the previous PSA_MCKESSON_UPLOAD.exe Version 3.0.0.41 from the FTP site that is labeled PSA_MCKESSON_UPLOAD_41.ZIP ***

- Extract the PSA_MCKESSON_UPLOAD_P79.ZIP file.
- Create a shortcut of the PSA_MCKESSON_UPLOAD.EXE Version 3.0.79. Specific server and port information to the target properties. For example:

C:\%folder location%\PSA_MCKESSON_UPLOAD.exe s=xxx-sup.vha.med.va.gov p=190xxx

- Place a copy of the shortcut on the user’s desktop.

4.9 Installation Verification Procedure
Execute the application and login using your PIV card. Upon successfully login, the user should be presented with application option for uploading an invoice. Select an invoice and press the upload button. The application should return a successfully upload message to the user. Login to VistA and verify the invoice has been uploaded.

4.10 System Configuration
This section is not applicable to DAU.

4.11 Database Tuning
This section is not applicable to DAU.

5 Back-Out Procedure

Back-out pertains to a return to the last known good operational state of the software and appropriate settings. Retrieve the copy of the old PSA_MCKESSON_UPLOAD Version 3.0.0.41 and restore the version to the C:\.

5.1 Back-Out Strategy

A decision to back out could be made during Site Mirror Testing, during Site Production Testing, or after National Release to the field (VAMCs). The best strategy decision is dependent on the stage of testing during which the decision is made.

If a decision to back out is made after national release and within the designated support period a notification will be disseminated through the NPM in Forum and will list all the necessary steps.

5.2 Back-Out Considerations

Changes implemented with PSA_MCKESSON_UPLOADEXE Version 3.0.79 distributed in VistA Informational Patch PSA*3*79 back-out could be accomplished by restoring the previous .EXE to version 3.0.0.41.

5.2.1 Load Testing
This section is not applicable to DAU.

5.2.2 User Acceptance Testing

User Acceptance Testing for DAU is performed during the development of the DAU application. Testing will be conducted with a test user.

5.3 Back-Out Criteria

Back-out will be considered if there is a catastrophic failure that causes loss of function for the DAU.

5.4 Back-Out Risks

N/A

5.5 Authority for Back-Out

The Facility CIO has the final authority to require the rollback and accept the associated risks.
5.6 Back-Out Procedure
DAU is a standalone executable and does not require any special modification for removal. To remove DAU, delete the exe off of the user’s desktop and restore the PSA_MCKESSON_UPLOAD.EXE Version 3.0.0.41 in the C:/.
Create a new shortcut and copy to the user’s desktop, verify that the version is 3.0.0.41.

5.7 Back-Out Verification Procedure
Ensure the executable or shortcuts on the user’s desktop is removed and PSA_MCKESSON_UPLOAD.EXE Version 3.0.0.41 has been restored.

6 Rollback Procedure

6.1 Rollback Considerations
This section is not applicable to DAU.

6.2 Rollback Criteria
This section is not applicable to DAU.

6.3 Rollback Risks
This section is not applicable to DAU.

6.4 Authority for Rollback
Not applicable.

6.5 Rollback Procedure
This section is not applicable to DAU.

6.6 Rollback Verification Procedure
This section is not applicable to DAU.