



VistA Blood Establishment Computer Software (VBECS) 2.0.0

Installation Guide

May 2014

Department of Veterans Affairs
Product Development

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Revision History

Date	Revision	Description	Author
05-02-13	1.0	Initial version	BBM team
11-26-13	2.0	<p>Install VBECS Binaries and Services for the Test Environment section: Revised Steps 3, 4, 5, 6 and 11. Install VBECS Binaries and Services for the Production Environment section: Revised Step 5.</p> <p>Installing VBECS 2.0.0 Binaries and services section – Change “services” to “Services” in heading.</p> <p>Global – Change “2.0.0.2” to “2.0.0.3” in document text and screenshots.</p> <p>Added a reference to the VBECS 2.0.0 Installation Process Diagram.</p> <p>Installing VBECS 2.0.0 Binaries and Services for the Test Environment section, Step 10 and Installing VBECS 2.0.0 Binaries and Services for the Production Environment section, Step 4: changes “running” word to “listed”.</p>	BBM team
5/27/14	3.0	<p>Globally changed “November 2013” to “May 2014”.</p> <p>Added that a VBECS team member using their NMEA account must run the installation package.</p> <p>Added a step to the prod section to change the prod services to run under the “<i>aac.dva.domain\VAACVBESVCPRD</i>” instead of the initially installed account “<i>aac.dva.domain\VAACVBESVCPD</i>”.</p>	BBM team

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Introduction

This guide details the process of installing VBECS 2.0.0 binaries on the application server. See the VBECS 2.0.0 Installation Process Diagram located in VSS Doc/VBECS Design and Device Records/VBECS 2.0.0 Project Documents/Packaging, Labeling, and User Documentation Specifications/Installation Guides/Reviewed for an overview of the entire installation process.

Prerequisites

The following must be met before executing this guide:

- VBECS 2.0.0 Template Creation Guide was executed on the target server
- VBECS 2.0.0 was never previously installed on the target server
- VBECS 2.0.0 Installation package was prepared

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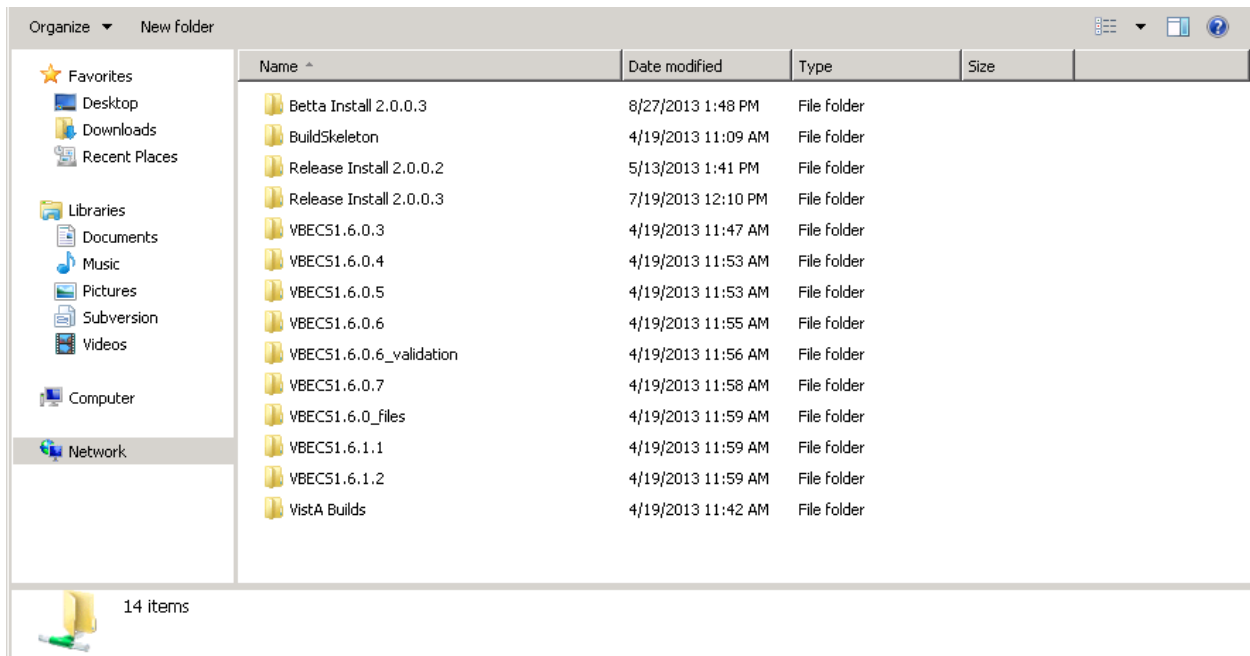
Installing VBECS 2.0.0 Binaries and Services

These instructions detail the process for installing VBECS binaries and services on the application server. There are separate instructions for the test and production environments.

1 Install VBECS Binaries and Services for the Test Environment

- 1) Using your NMEA account and eToken USB device, open a Remote Desktop Connection to the target application server.
- 2) Open Windows Explorer and navigate to the following path: \\server123\VBECSBuilds (Figure 1). If this link does not work navigate to IPADDRESS \VBECSBuilds.

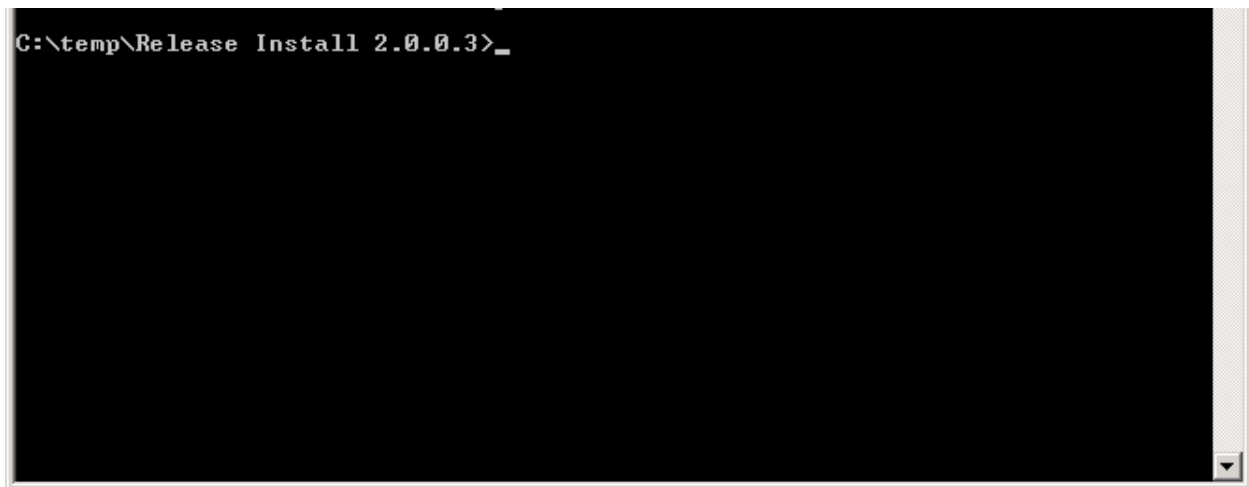
Figure 1: Example of VBECSBuilds Directory Contents



- 3) Make sure that the **C:\Temp** folder does not contain old installation packages. It is recommended to clean up the temp folder.
- 4) Contact the **Lead Developer** to verify that the size and contents of the **Install Package** are correct and that it was not altered.
- 5) Copy the **Release Install <build>** directory into the **C:\Temp** folder. Where <build> represents a build number (e.g., 2.0.0.3).

- 6) Open a command prompt window (Figure 2) and type:
cd "c:\temp\Release Install <build>" and press **Enter**.

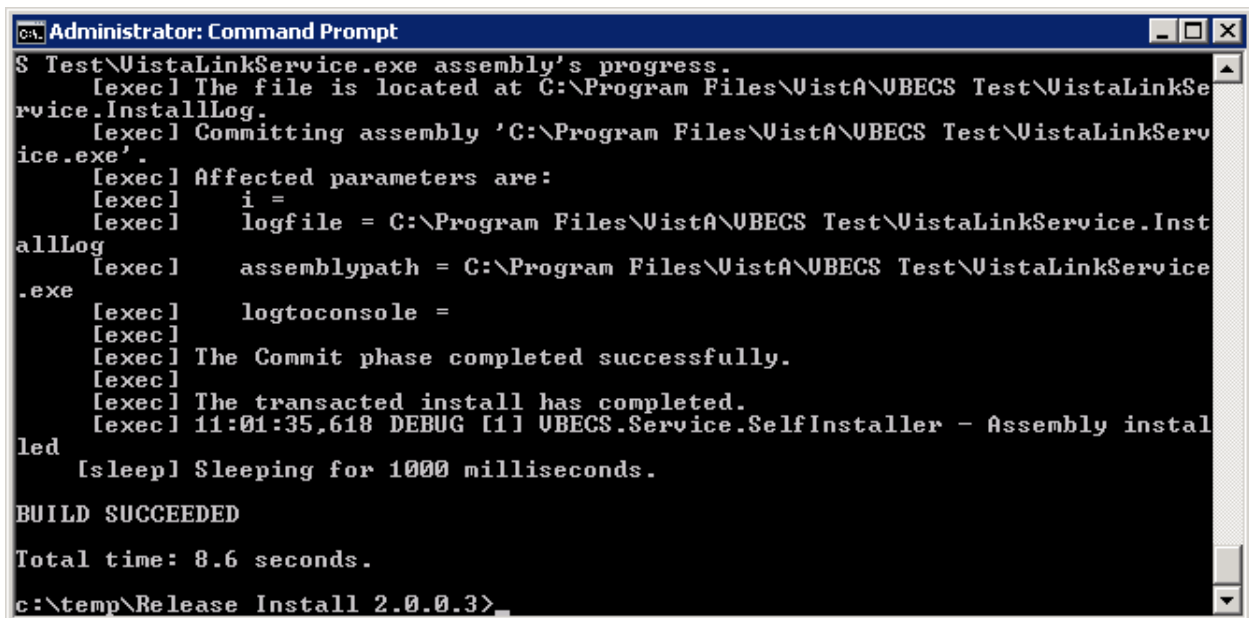
Figure 2: Example of Command Prompt Screen



```
C:\temp\Release Install 2.0.0.3>_
```

- 7) In the command prompt window, type **patch test install** and press **Enter**.
- 8) Verify that after the installation is complete, **BUILD SUCCEEDED** is displayed in the command prompt window (Figure 3).

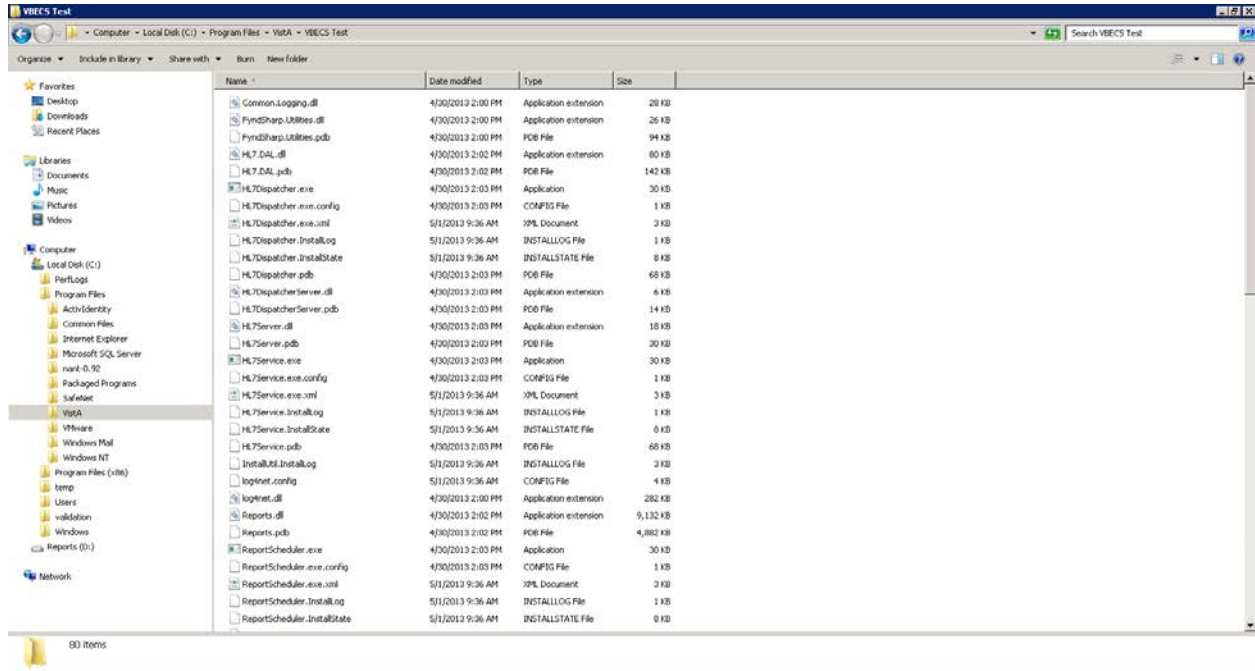
Figure 3: Example of Successful Installation



```
Administrator: Command Prompt
S Test\VistaLinkService.exe assembly's progress.
[exec] The file is located at C:\Program Files\Vista\UBECs Test\VistaLinkSe
rvice.InstallLog.
[exec] Committing assembly 'C:\Program Files\Vista\UBECs Test\VistaLinkServ
ice.exe'.
[exec] Affected parameters are:
[exec]   i =
[exec]   logfile = C:\Program Files\Vista\UBECs Test\VistaLinkService.Inst
allLog
[exec]   assemblypath = C:\Program Files\Vista\UBECs Test\VistaLinkService
.exe
[exec]   logtoconsole =
[exec] The Commit phase completed successfully.
[exec] The transacted install has completed.
[exec] 11:01:35,618 DEBUG [1] UBECs.Service.SelfInstaller - Assembly instal
led
[sleep] Sleeping for 1000 milliseconds.
BUILD SUCCEEDED
Total time: 8.6 seconds.
c:\temp\Release Install 2.0.0.3>_
```

- 9) Using **Windows Explorer**, navigate to **c:\Program Files\VistA** and verify that the **VBECS Test** directory exists. Open **VBECS Test** directory and confirm that it contains **VBECS** binaries (Figure 4).

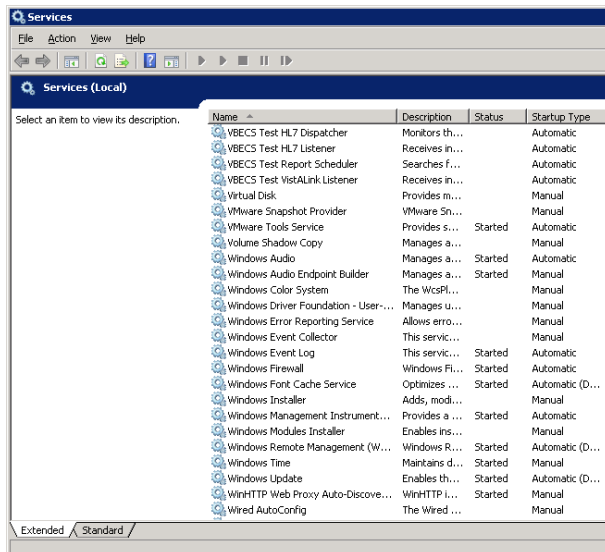
Figure 4: Example of c:\Program Files\Vista\VBECS Test Directory Contents after Successful Installation of VBECS Test Binaries



10) Open the list of **Windows Services (Start, Administrative Tools, Services)** and verify that the following four services are listed and that they are listed under **aac.dva.domain\VAAACVBESVCPD** user (Figure 5):

- VBECS Test HL7 Dispatcher
- VBECS Test HL7 Listener
- VBECS Test Report Scheduler
- VBECS Test VistALink Listener

Figure 5: Example of Services Screen Showing VBECS Test Services

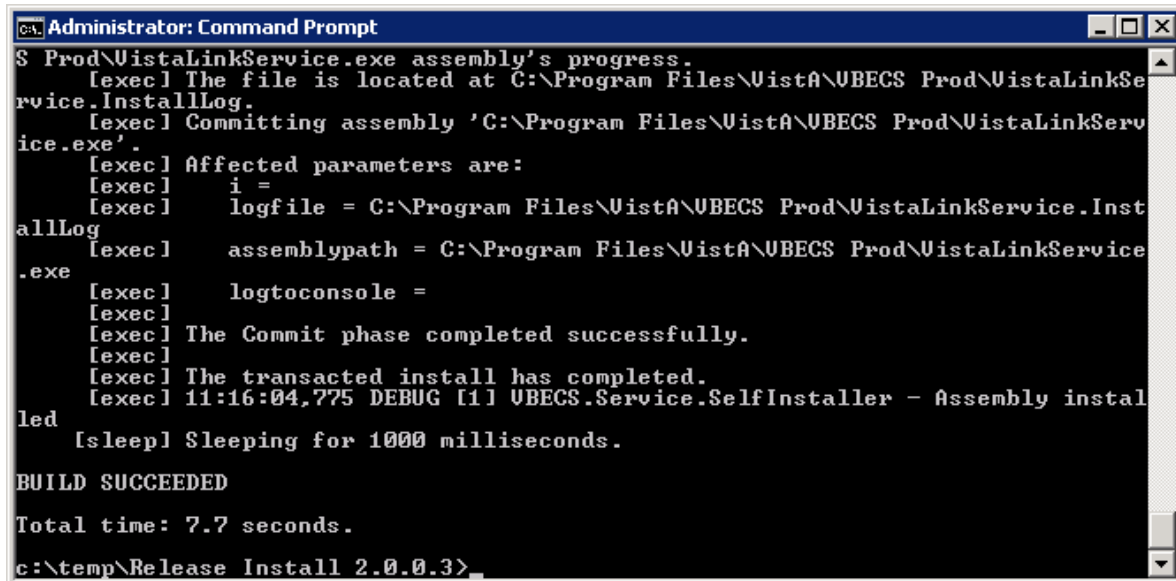


- 11) Using **Windows Explorer**, navigate to **C:\temp\Release Install <build>**. Find the **Install.log** file and rename it to **Install_<servername>_<build>_Test_<MMDDYY>.log** [substitute <servername> for the name of the application server and <MMDDYY> for the current month, date and year (e.g., **Install_VHANDYAPP_2.0.0.3_Test_042213.log**)].
- 12) File the log file in VSS Doc/VBECS Design and Device Records/VBECS 2.0.0 Project Documents/Packaging, Labeling, and User Documentation Specifications/Installation Guides/Installation Output.
- 13) Delete the installation log files located in the **C:\temp\Release Install <build>** folder.

2 Install VBECS Binaries and Services for the Production Environment

- 1) In the command prompt window, type **patch prod install** and press **Enter**.
- 2) Verify that after the installation is complete, **BUILD SUCCEEDED** is displayed in the command prompt window (Figure 6).

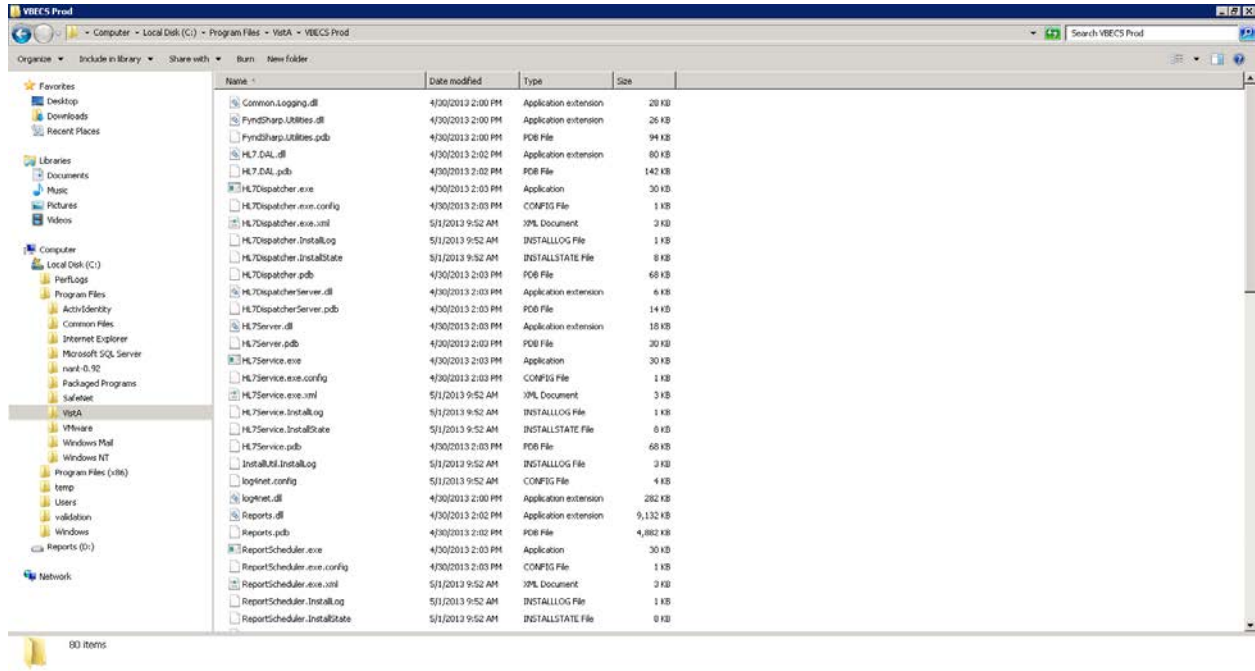
Figure 6: Example of Successful Installation



```
Administrator: Command Prompt
$ Prod\VistaLinkService.exe assembly's progress.
[exec] The file is located at C:\Program Files\Vista\UBECS Prod\VistaLinkService.InstallLog.
[exec] Committing assembly 'C:\Program Files\Vista\UBECS Prod\VistaLinkService.exe'.
[exec] Affected parameters are:
[exec] i =
[exec] logfile = C:\Program Files\Vista\UBECS Prod\VistaLinkService.InstallLog
[exec] assemblypath = C:\Program Files\Vista\UBECS Prod\VistaLinkService.exe
[exec] logtoconsole =
[exec] The Commit phase completed successfully.
[exec] The transacted install has completed.
[exec] 11:16:04,775 DEBUG [1] UBECS.Service.SelfInstaller - Assembly installed
[sleep] Sleeping for 1000 milliseconds.
BUILD SUCCEEDED
Total time: 7.7 seconds.
c:\temp\Release Install 2.0.0.3>
```

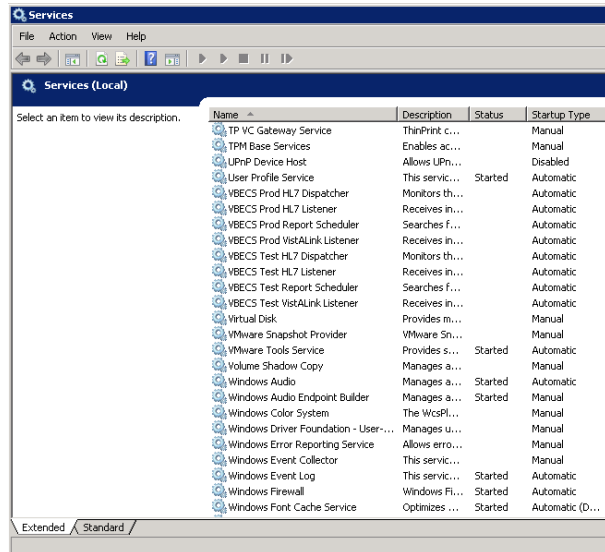
- 3) Using **Windows Explorer**, navigate to **c:\Program Files\Vista** and verify that the **VBECS Prod** directory exists. Open **VBECS Prod** directory and confirm that it contains **VBECS** binaries (Figure 7).

Figure 7: Example of c:\Program Files\Vista\VBECS Prod Directory Contents after Successful Installation of VBECS Production Binaries



- 4) Open the list of **Windows Services (Start, Administrative Tools, Services)** and verify that the following four services are listed and that they are listed under **server_redacted** user (Figure 8):
 - VBECS Prod HL7 Dispatcher
 - VBECS Prod HL7 Listener
 - VBECS Prod Report Scheduler
 - VBECS Prod VistALink Listener
- 5) For each VBECS Prod service, right click, click **Properties**, click the **Log On** tab, change **This account** from “server_redacted” to “server_redacted”, supply the password and click **OK**

Figure 8: Example of Services Screen Showing VBECS Prod Services



- 6) Using **Windows Explorer**, navigate to **C:\temp\Release Install <build>**. Find the **Install.log** file and rename it to **Install_<servername>_<build>_Prod_<MMDDYY>.log** [substitute <servername> for the name of the application server and <MMDDYY> for the current month, date and year (e.g., **Install_VHANDYAPP_2.0.0.3_Prod_042213.log**)].
- 7) File the log file in VSS Doc/VBECS Design and Device Records/VBECS 2.0.0 Project Documents/Packaging, Labeling, and User Documentation Specifications/Installation Guides/Installation Output.
- 8) Delete the installation log files located in the **C:\temp\Release Install <build>** folder. Empty the recycle bin.

This is the last page of VistA Blood Establishment Computer Software (VBECS) 2.0.0 Installation Guide.