

APEX™ 4.6.0.x Software Only Update

Perform the following procedure to update the APEX 4.6.0.x software to the next version release, while keeping the current Discovery table and the current customer patient database.

Review entire section before beginning the update.

Requirements

The Discovery™ DXA system computer must be utilizing Windows® 7 operating system running APEX 4.6.0.x.

1.1 Preparation

1.1.1 Prepare for the Update by Performing the Following Procedures on the APEX 4.6.0.x Computer:

The data saved in this step is done as a precaution in the event something goes wrong during the update and data needs to be recovered. None of this data will need to be recovered if update is successful.

1. Log into the system as **QDR**.
2. Archive all unarchived scans.
3. Perform a System Backup to an external drive.
4. Exit QDR without shutdown and close any other open applications visible in the taskbar at the bottom of the screen.
5. Copy all the **.Pxx**, **.Rxx**, and **.Axx** files from the **C:\QDR\Data** folder to a removable drive.
6. Print or save copy of **Options.log** file located in **C:\QDR\Logfiles** folder.
7. Copy the **C:\QDR\HxQuestionnaire** folder to a removable drive.
8. On the removable drive, rename the **HxQuestionnaire** folder to **sitename_HxQuestionnaire_Legacy**.
You may need these files later in the installation procedure.
9. Locate the HL7 Client running in the background (if present) and take and save any screen captures of the configurations.



Note

Although you should not have to remove or modify the Physician's Viewer and Dx Report application to perform this upgrade, it is good practice to save the data for these applications in the following steps.

10. Make a copy of the **C:\Program Files\Hologic\Physician's Viewer\Options\DxReport** folder and save it to a removable drive.

11. On the removable drive, rename the **DxReport** folder to **sitename_DxReport_Legacy**.



Note

Record the name of the template that is being used in the 'Cover Letter Template' field in the Physician's Viewer configuration.

12. Exit QDR without shutdown and close any other open applications visible in the taskbar at the bottom of the window.

1.2 Install APEX 4.6.0.x Software

To install the APEX 4.6.0.x software:

1. Log into the system as **QDR**.
2. Exit the APEX application without shutdown.
3. Insert the APEX application DVD in the DVD drive and navigate to Apex System Software folder and open folder.
4. Double-click **Setup.exe**.

The installation program begins, and the *InstallShield Wizard* window opens.

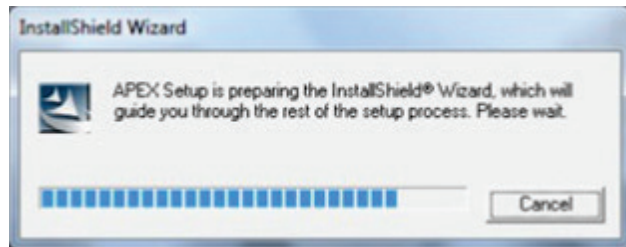


Figure 1: *InstallShield Wizard Window*

5. When the *Update\Remove* window opens, select **Update APEX software**, then select **Next**.

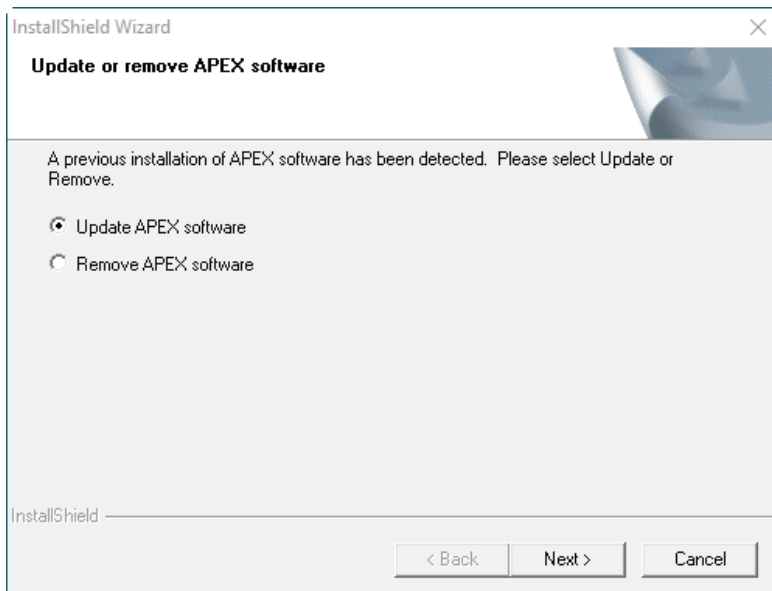


Figure 2: *Update\Remove Window*

6. When the *Select Options* window opens, leave all items checked as is then select **Next**. (Options in the following figure is an example)

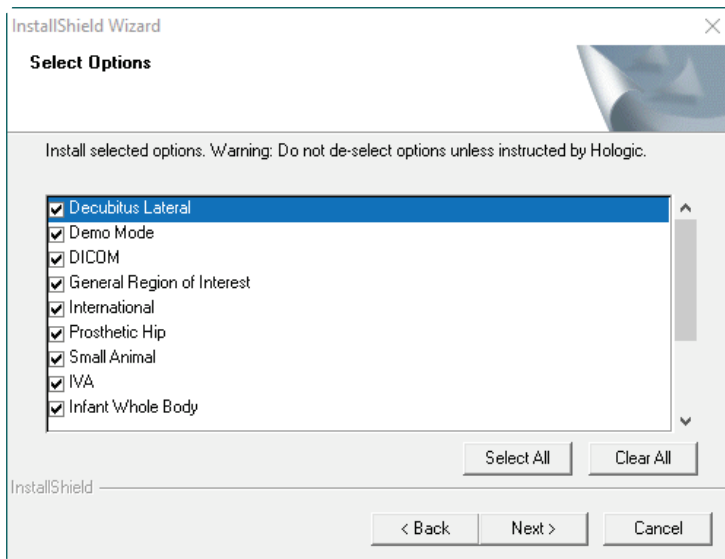


Figure 3: *Select Options Window*

A progress bar is displayed while the program files are being installed.

7. The *InstallShield Wizard Complete* window opens with the 'Yes, I want to restart my computer now' option selected. Remove the APEX applications DVD from the DVD drive, then select **Finish**.

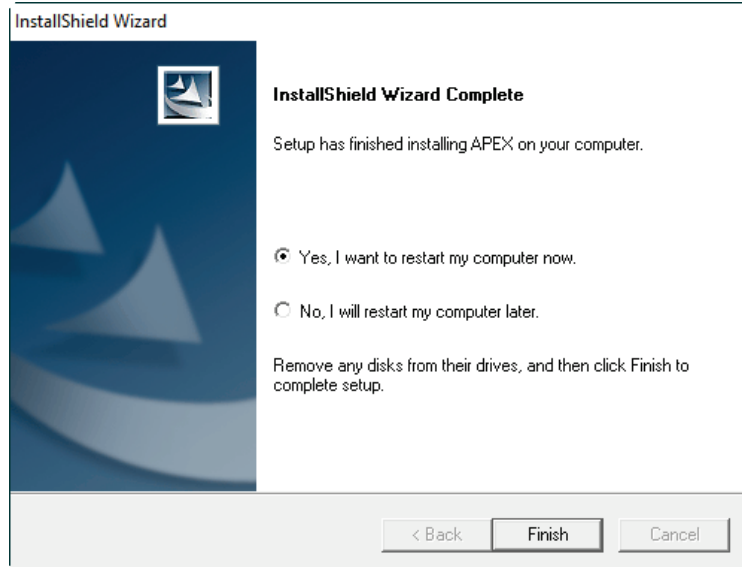


Figure 4: *InstallShield Wizard Complete Window*

The system reboots.

8. Log into the system as **QDR**.
9. Once APEX opens, navigate to the APEX Menu Bar then select **Help > About APEX**.

10. When the *About Hologic APEX Software* window opens, verify that the correct installed version is in the Version box then select **OK** (Version in the following figure is an example).

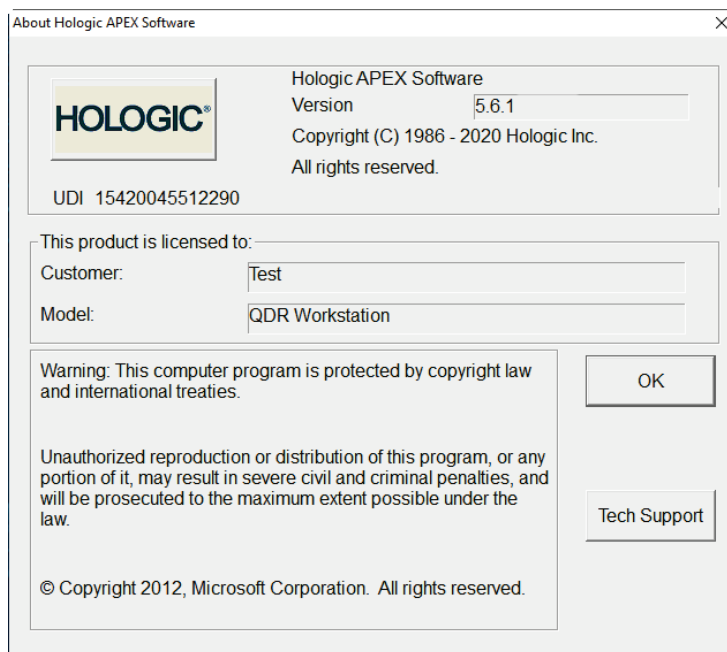


Figure 5: *About Hologic APEX Software Window*

11. Test system by performing daily QC and BCA QC (if applicable) and all operations of customer workflow.

Updating APEX 4.5.x to APEX 4.6.0.x

Perform the following procedures if you received a software update kit to update the current Discovery DXA system computer running Windows 7 OS\APEX 4.5.x to APEX 4.6.0.x. For this upgrade, you need to install APEX 4.5.0.x on the current computer, while keeping the current Discovery table and the current customer patient database. You need to be required to restore the current customer patient database as part of the update process.

Review entire section before beginning the update.

2.1 Preparation

2.1.1 Prepare for the Update by Performing the Following Procedures on the APEX 4.5.x Computer:

1. Log into the system as **QDR**.
2. Archive all unarchived scans on the legacy system.
3. Perform a patient database export by only selecting **Patients**, **Scans** and **All the Data** in the export screen. Name the export file **sitename_Export_Legacy** and save to an external drive.
4. Perform a QC database export by only selecting **QC Data** and **All the Data** in the export screen. Name the export file **sitename_QCExport_Legacy** and save to an external drive.
5. Perform a System Backup to an external drive with at least 40 GB of memory.
6. Exit QDR without shutdown and close any other open applications visible in the taskbar at the bottom of the screen.
7. Copy all the **.Pxx**, **.Rxx**, and **.Axx** files from the **C:\QDR\Data** folder to a removable drive.
8. Print or save copy of **Options.log** file located in **C:\QDR\Logfiles** folder.
9. Copy the **C:\QDR\HxQuestionnaire** folder to a removable drive.
10. On the removable drive, rename the **HxQuestionnaire** folder to **sitename_HxQuestionnaire_Legacy**.
You may need these files later in the installation procedure.
11. Locate the HL7 Client running in the background (if present in the legacy version) and take and save any screen captures of the configurations.



Note

Although you should not have to remove or modify the Physician's Viewer and Dx Report application to perform this upgrade, it is good practice to save the data for these applications in the following steps.

12. Make a copy of the **C:\Program Files\Hologic\Physician's Viewer\Options\DxReport** folder and save it to a removable drive.

13. On the removable drive, rename the **DxReport** folder to **sitename_DxReport_Legacy**.

You may need files from this folder later in the installation procedure.



Note

Record the name of the template that is being used in the 'Cover Letter Template' field in Physician's Viewer configuration screen (if installed).

14. Exit APEX without shutdown and close any other open applications visible in the taskbar at the bottom of the window.

2.2 Uninstall APEX 4.5.x \ Install APEX 4.6.0.x

2.2.1 Uninstall APEX 4.5.x

1. Log in as **QDR**, insert APEX 4.5.x DVD into computer.
2. Navigate to the DVD drive and run **Setup.exe**.
3. When prompted, select **Remove APEX Software**. Select **Next**.
4. Follow the prompts for the uninstall. If prompted to remove unused files, select **Yes**.
5. When removal is complete, remove the DVD and restart the computer.

2.2.2 Install SQL Server 2012 Express Software

Install the SQL Server 2012 Express Software:

1. Log into the system as **Field Service**.
2. Insert APEX 4.6.0.x DVD into the DVD drive.
3. Browse the APEX 4.6.0.x application DVD, double-click on the **SQL Server 2012 Express** folder.
4. Right-click **Setup.bat** then select **Run as administrator**.



Note

After the installation program begins, the progress of the SQL Server 2012 Express installation opens in a *command* window. A message displays when the installation has completed. The installation may take several minutes to complete, so please be patient.

5. Reboot the computer.

2.3 Install APEX 4.6.0.x Software

To install the APEX 4.6.0.x software:

1. Log into the system as **QDR**.
2. Go to the APEX 4.6.0.x application DVD in the drive and locate **Apex System Software** folder and double-click the folder.
3. Double-click **Setup.exe**.

The installation program begins, then the *InstallShield Wizard* window opens.

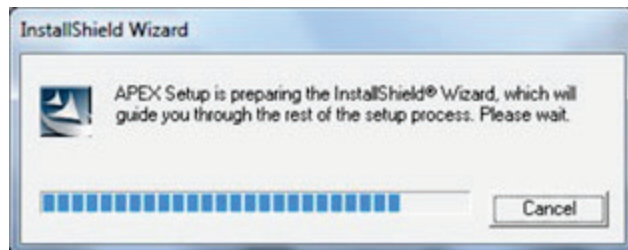


Figure 6: InstallShield Wizard Window

4. When the *Welcome* window opens, select **Next**.

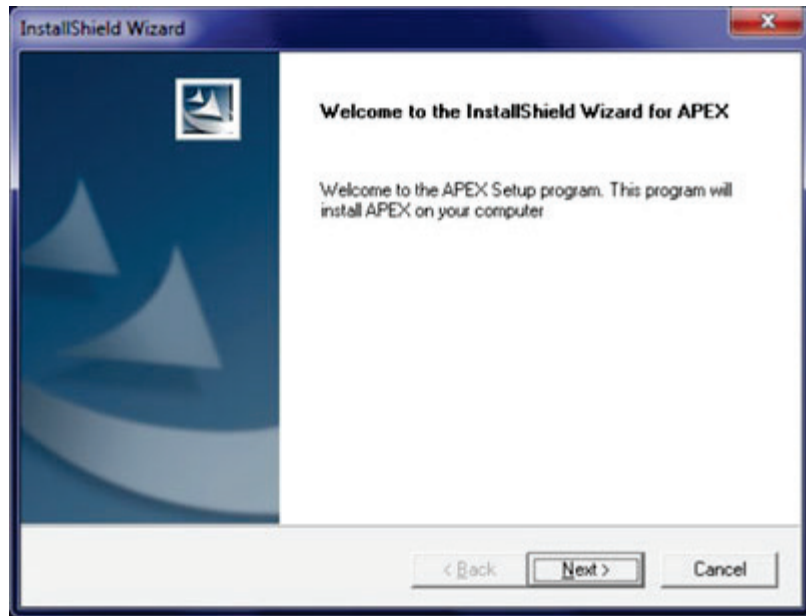


Figure 7: Welcome Window

5. When the *License Agreement* window opens, select **Yes** to accept the terms of the agreement.

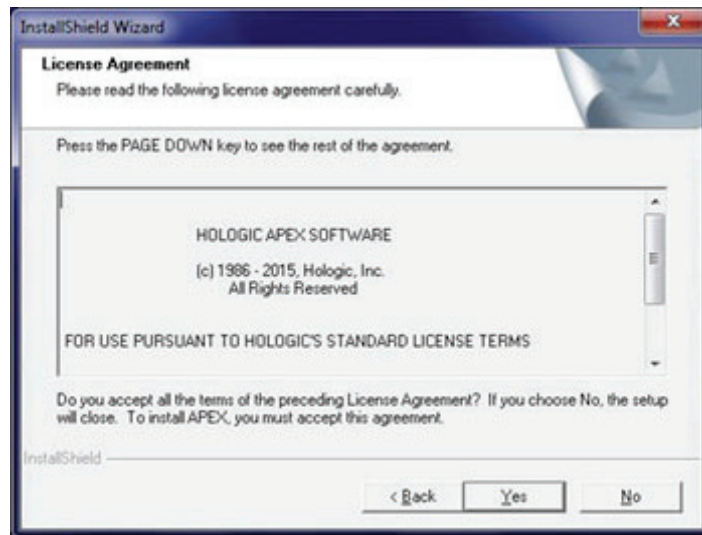


Figure 8: License Agreement Window

6. At the *Select Apex Machine Type* window, select the appropriate APEX machine type system, then select **Next**.

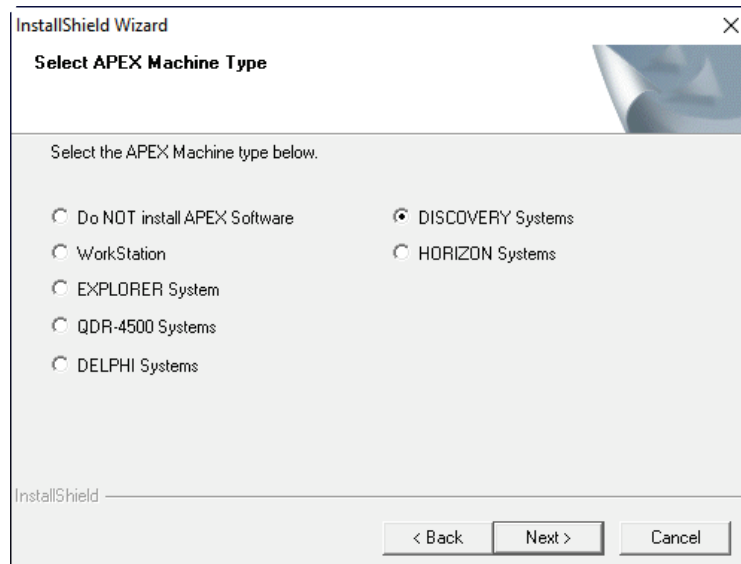


Figure 9: Select APEX Machine Type Window

7. At the *Select Discovery Machine Type* window, select the appropriate Discovery machine type model, then select **Next**.

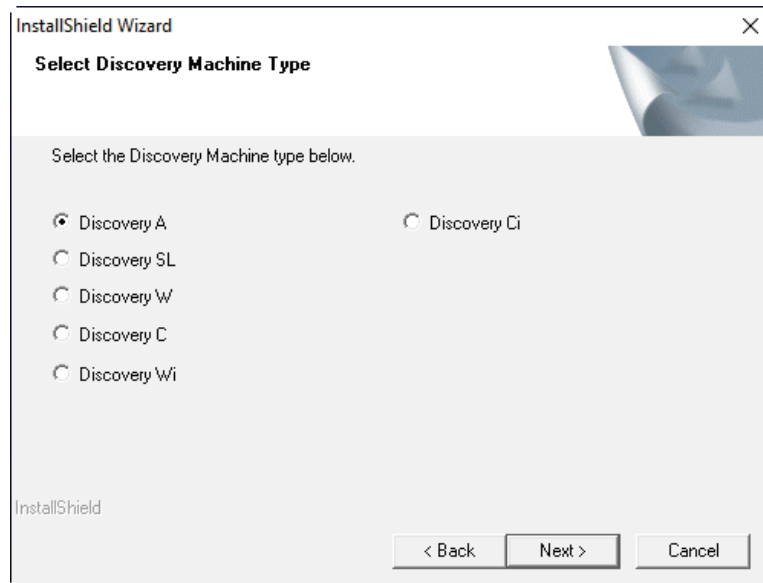


Figure 10: Select Discovery Machine Type Model

8. When the *Serial Number* window opens, type the system Serial # and Install Key included in the options form in the upgrade kit, then select **Next**.

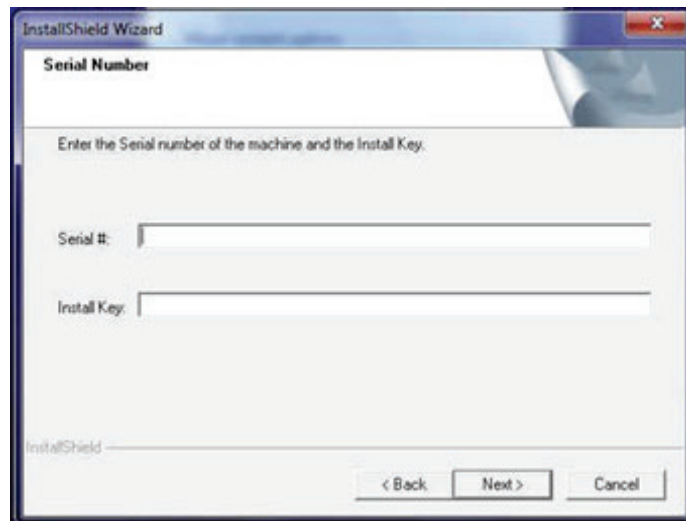


Figure 11: Serial Number Window

9. When the *Choose Destination Location* window opens (not shown), accept the **C:\QDR** folder as the destination location, then select **Next**.

A progress bar is displayed while the program files are being installed.

10. The *InstallShield Wizard Complete* window opens with the 'Yes, I want to restart my computer now' option selected. Remove the APEX applications DVD from the DVD drive, then select **Finish**.

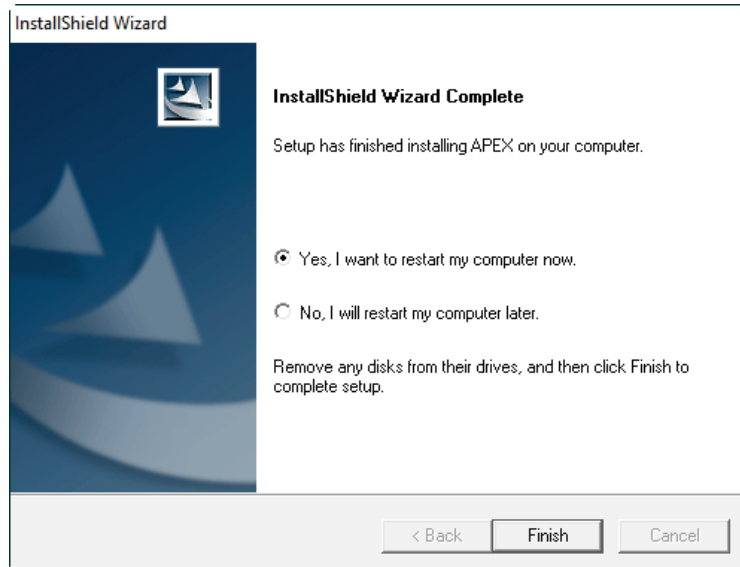


Figure 12: *InstallShield Wizard Complete Window*

The system reboots.

11. Reboot the computer.
12. Log into the system as **QDR**.
13. Navigate to the APEX Task Bar, then select **Help > About APEX**.

14. When the *About Hologic APEX Software* window opens, verify that the correct installed version is in the Version box, then select **OK** (Version in the following figure is an example).

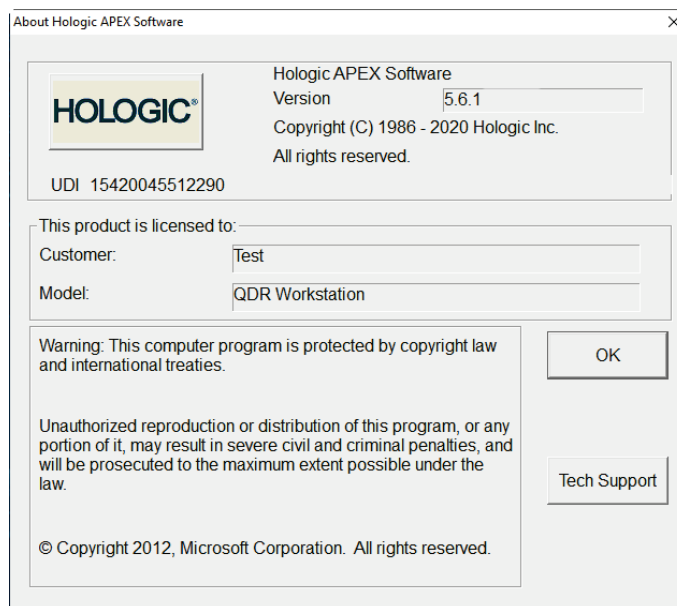


Figure 13: About Hologic APEX Software Window

15. Create a System Backup.
16. Keep this backup aside for a blank database restore point if ever needed.
17. Enter any APEX Option Keys, for example, DICOM, Worklist...etc. included in the options form in the upgrade kit or in previous **Options.log** file, then exit APEX without shutdown.
18. Copy all the **.Pxx**, **.Rxx**, and **.Axx** files from the removable drive to the C:\QDR\Data folder.
19. Launch APEX and import the **sitename_Export_Legacy** file created in the Preparation section by selecting only **Patients, Scans, and All the Data**.
20. When reconcile completes, import the **sitename_QCExport_Legacy** file created in the Preparation section by selecting only **QC Data and All the Data**.
21. Insert the Apex Service Dongle (TLS-03999), launch **APEX**, go to **Backup > System Recover** and recover everything but the Patient Database from the system backup created in the Preparation section.
22. After the reconcile process completes, select **Close**.
23. Exit APEX without Shutdown.
24. Install any APEX options such as FRAX®.
25. Import any international reference database if applicable.
26. Restore any custom templates or questionnaires.
27. Test system by performing daily QC and BCA QC (if applicable) and all operations of customer workflow.