AXIS-Q™ Installation

AVIMARK®

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Install AXIS-Q Service on Server Computer

1. From the Avimark server, on the Avimark shortcut, **right-click > Run as administrator**.

2. Log into Avimark.

3. Hold down **Ctrl+Shift** then from the CID menu, click on **Utilities**.

4. Click on **Service Control**.

5. Highlight **Avimark Axis-Q Synchronization Service**.

6. Click **Install**.
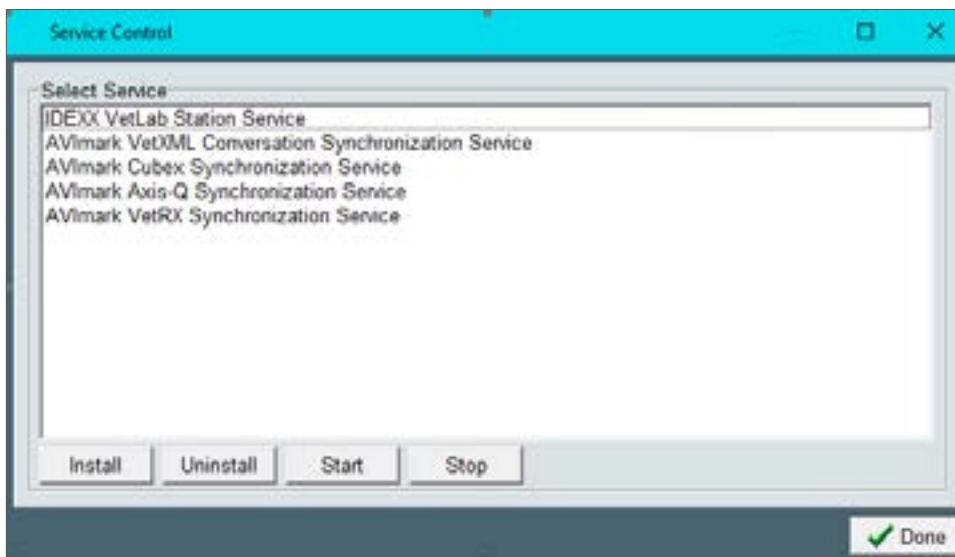
7. When the message displays that the installation was successful, click **OK**.

8. Click **Yes** to start the service.

9. Click **OK** on the message confirming the service started successfully.

10. Click **Done**.

Install AXIS-Q

1. When access to the AXIS-Q installation folder has been provided, extract the folder onto the computer desktop.

2. Extract the downloaded folder onto the computer desktop.

3. Open the **SQL Express 2014** folder.
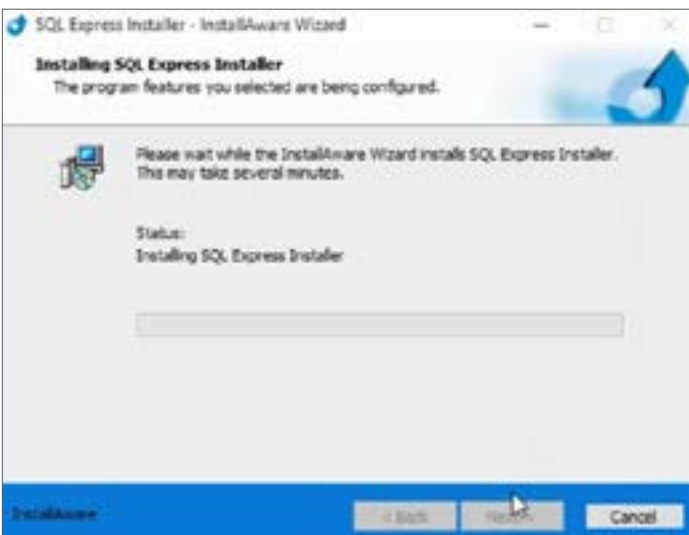
4. Double-click **SQLInstaller.exe**.
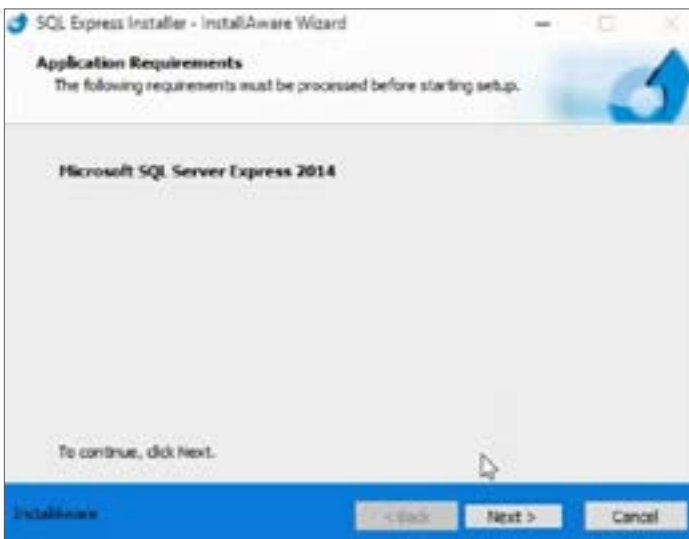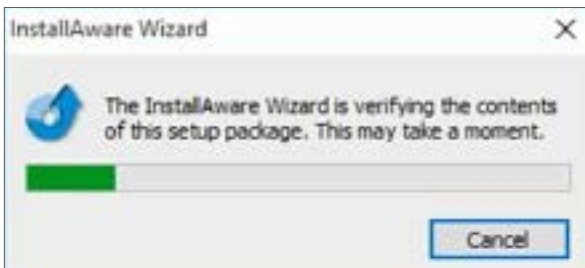
5. Click **Next**.

This next phase will take some time to run.

6. Click **Next**.

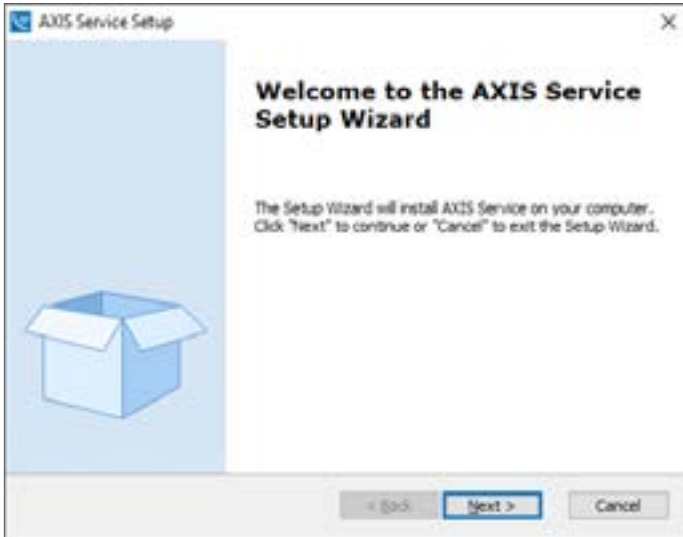7. When the installation is complete, click **Finish**.


8. Activate **Microsoft Message Queue**:

    a. Open the **Control Panel**.

    b. Click on **Programs and Features**.

    c. Click the link for **Turn Windows features on or off**.

    d. Check **Microsoft Message Queue (MSMQ) Server**.

    e. Click **OK**.

    f. Close the Control Panel (Programs and Features).

Setup AXIS Service

1. Return to the AXIS-Q installation folder.

2. Double-click on **Setup AXIS Service.exe**.
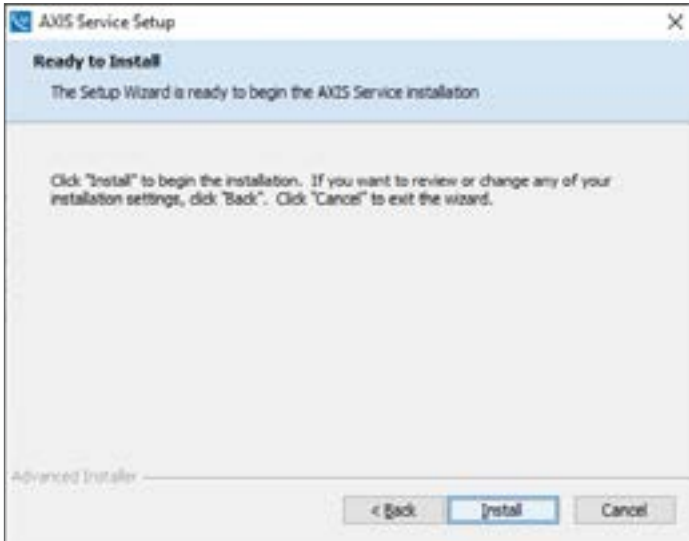
3. On the Welcome screen, click **Next**.

4. On the End-User License Agreement screen, **accept the terms** then click **Next**.
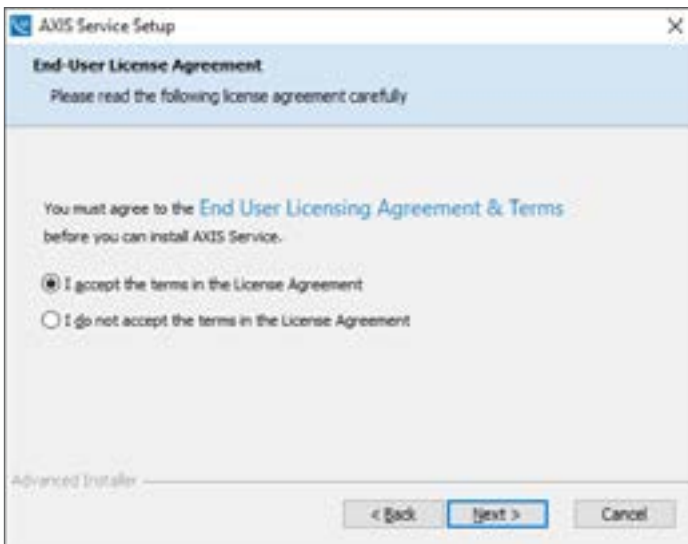
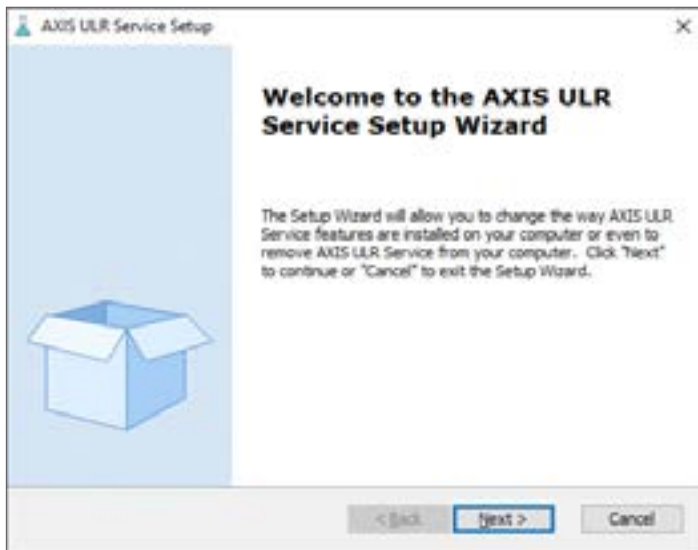**5.** On the Ready to Install screen, click **Install**.

6. When the installation is successful, click **Finish**.

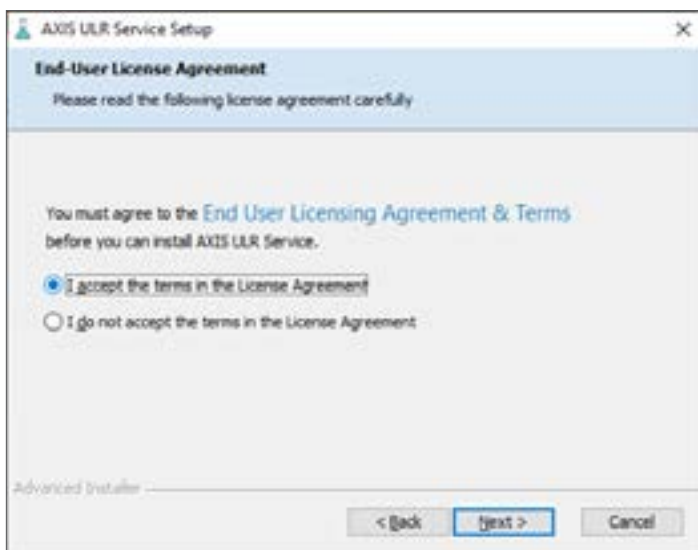**7.** Continue with installing the AXIS ULR Service on the following page.

Install the ULR Service

Follow the steps below to install the AXIS ULR Service.

1. Return to the AXIS-Q installation folder.
2. Double-click on **Setup ULR Service.exe**.
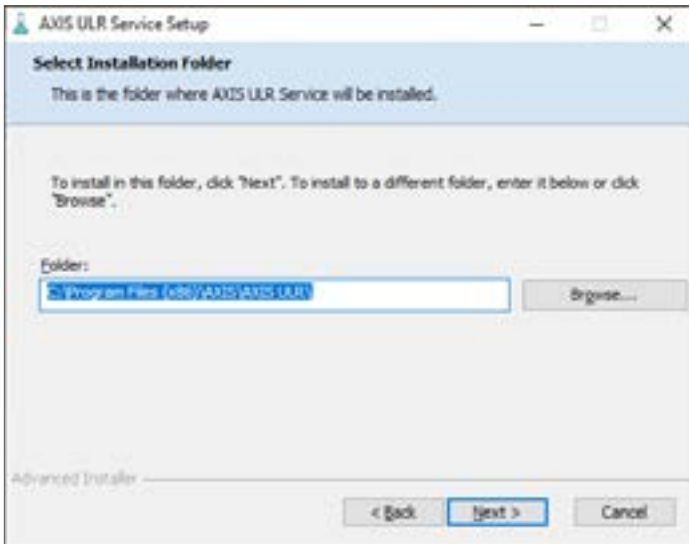3. On the Welcome screen, click **Next**.

4. On the End-User License Agreement, **accept the terms** then click **Next**.
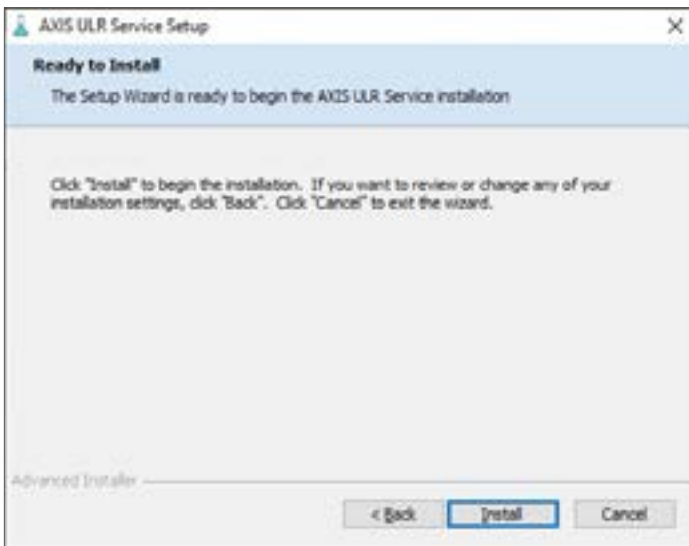
5. On the Select Installation Folder, click **Next** to accept the default folder location and proceed with the next step.
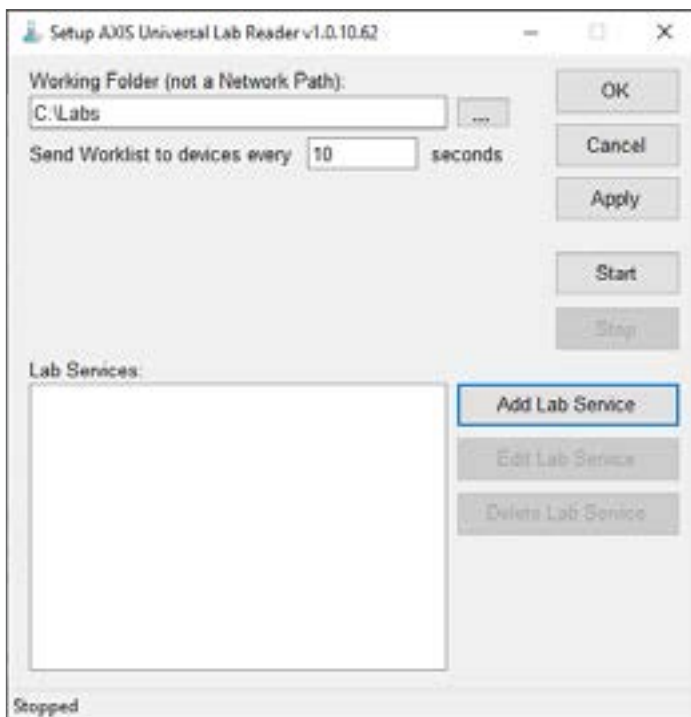

6. Click **Install**.

7. When installation of the ULR Service is successful, click **Finish**.

8. Close the installation folder.

VETSCAN® FUSE Configuration

For a clinic that uses FUSE for labs, follow the steps below to setup FUSE with Lab Services.
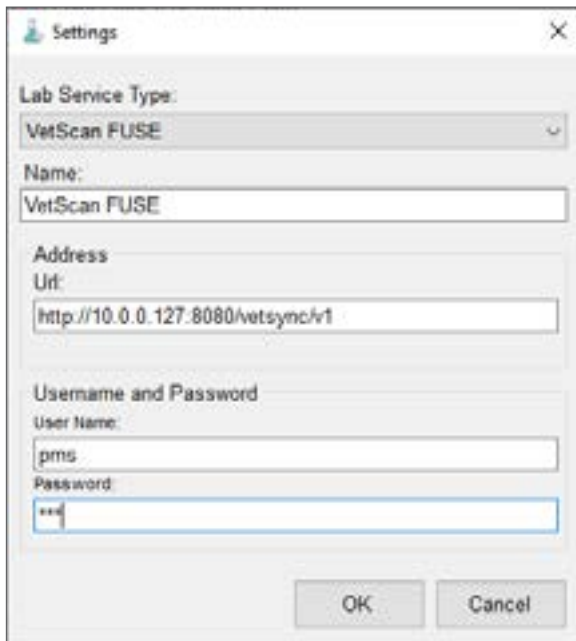
1. From the Windows Taskbar, click **Start**.

2. From the Start menu, locate the **AXIS ULR Service** folder and select **Configure Lab Services**.

3. In the Working Folder field, click the browse button and navigate to the **C** drive.

4. Click on the **Make New Folder** button and add a new folder named **Labs**.

5. Click **OK**.

6. Click **Stop** on the Setup AXIS ULR screen.

7. Click **Add Lab Service**.

8. Select VetScan **FUSE** from the **Lab Service Type** drop-down list.

9. Enter **VetScan FUSE** as the **Name** of the lab service.

10. Open the FUSE on your computer and copy the URL and enter it into the **Url** address field.

11. Backspace to the 8080/ and add **vetsync/v1**. (see the example in the image below)

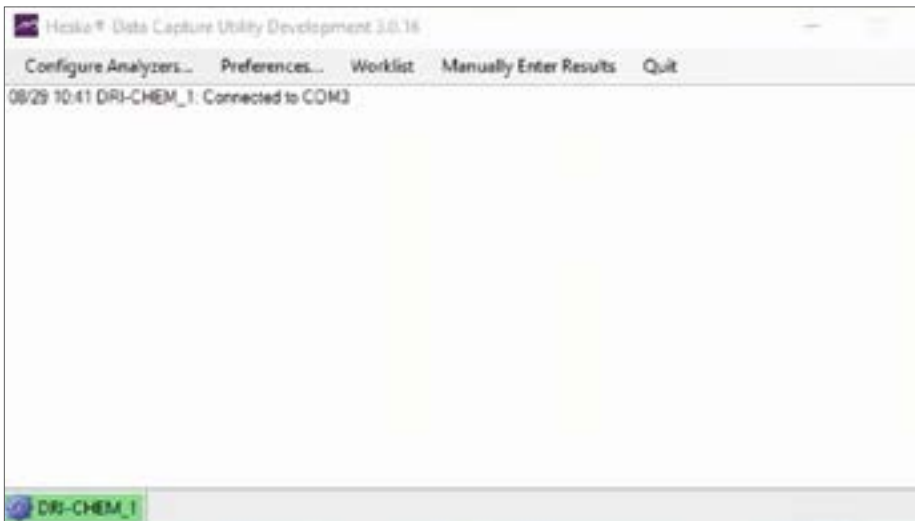12. Enter **pms** as the **User Name** and **Password**.

13. Click **OK**.

14. Click **Apply**.

15. Click **Start**.

Heska® DCU Configuration

If the clinic uses the Heska DCU for labs, follow the steps to setup with Lab Services.

Confirm Heska DCU is Functioning
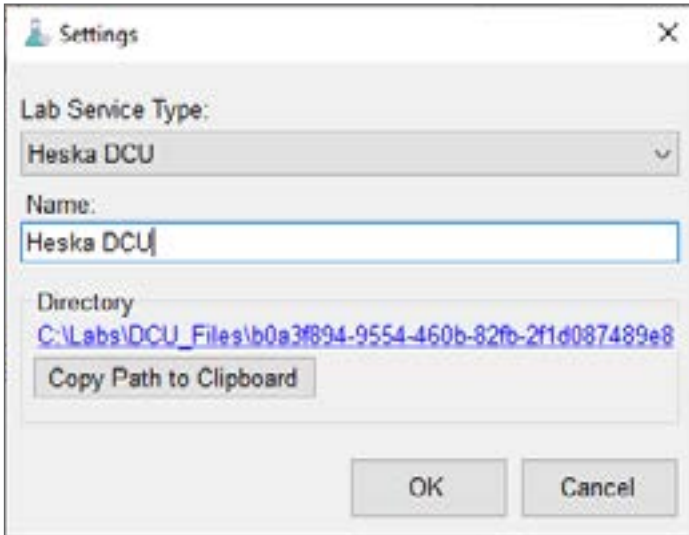
1. Open **Heska Data Capture Utility**.

2. Each analyzer will show connected. If Error or any color other than green, **contact Heska**.

Configure the ULR Lab Services for Heska DCU

1. From the computer, click the **Start** button and search for **AXIS ULR Service > Configure Lab Services**.
2. In the **Working Folder** field, click the browse button and navigate to the **C** drive.
3. Select the **Labs** folder. If the folder does not exist, click **Make New Folder** and create the folder.
4. Click **Apply**.
5. Click **Stop**.
6. Click **Add Lab Service**.

7. From the **Lab Service Type** drop-down list, select **Heska DCU**.

8. Enter **Heska DCU** as the **Name**.

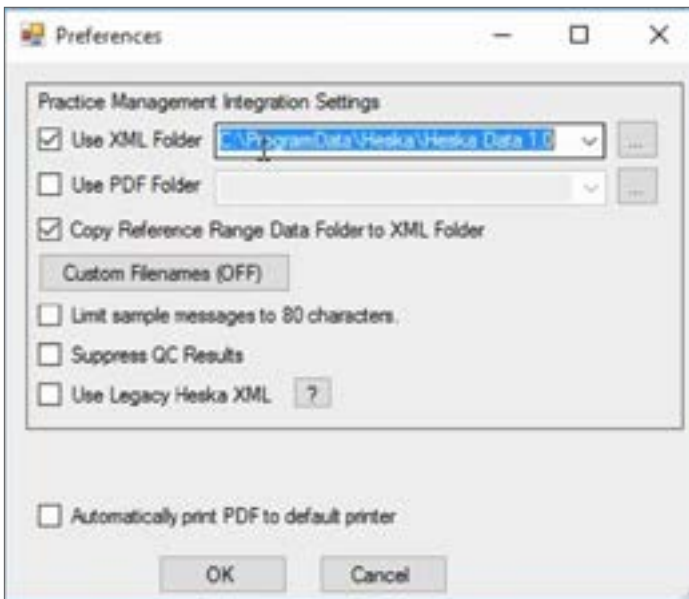9. Click on the **Copy Path to Clipboard** button.
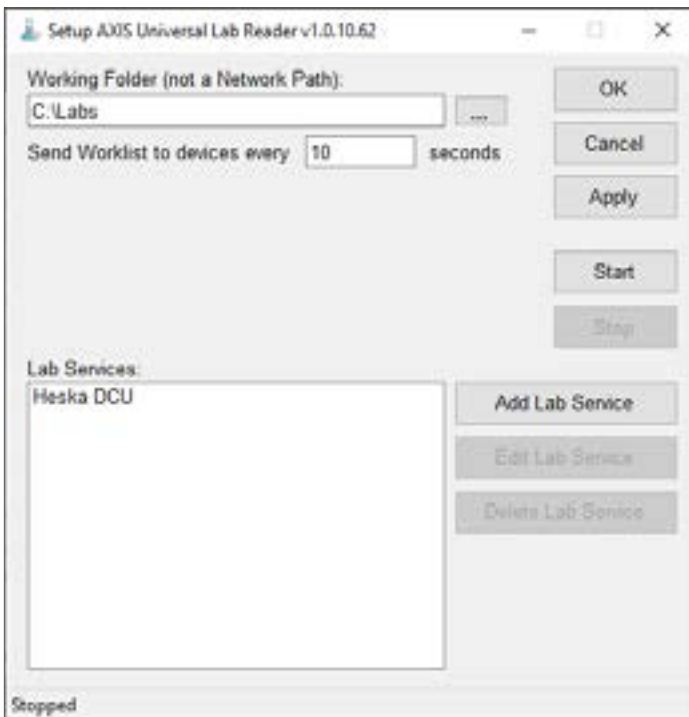
10. Click **OK**.

11. Click **Apply**.

12. Click **Start**.

13. Click **OK**.

14. Open **Heska Data Capture Data** (purple mountains on taskbar).

15. Click **Preferences** on the menu bar.

16. In Preferences, verify **Use XML Folder** is selected.

17. Click on the field next to the XML Folder then **right-click > Paste** (or Ctrl + V) to paste the folder path from Lab Services.

18. Check the option to **Use PDF Folder**.

19. Enter the path: **C:\Labs|Heska_PDF**.

20. Click **OK**.

21. Click **Quit** at the top.

22. Confirm the option to quit.

AXIS Configuration

1. To open AXIS Configuration, from the Windows® **Start** menu, navigate to **AXIS-Q** then click on **AXIS Configuration**.

2. After it finishes loading all analyzers, highlight **AXIS-Q Stations**.
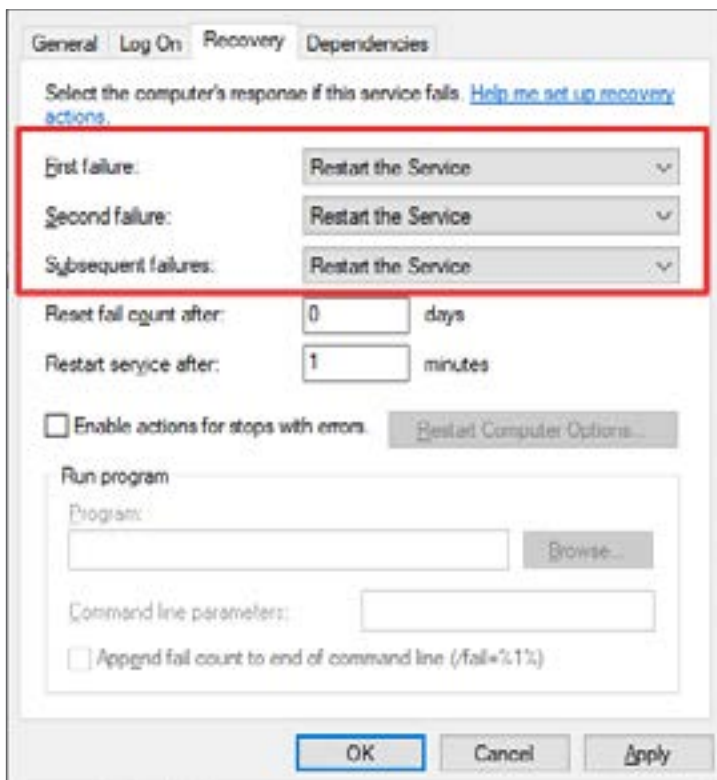

3. In the **AXIS Hub** field, highlight the URL and **copy the path** (right-click > Copy or Ctrl+C).

4. Click **Save Changes**.

5. Click **OK**.

Adjusting Services

1. From the Windows Start menu or Taskbar, search for **Services**.

2. From the list of Services, locate **SQL Server (AXIS)** and double-click to open.

3. **Stop** the service.

4. Under **Recovery** tab, select **Restart the Service** for each failure type.

5. Click **OK**.

6. Repeat steps 3 through 5 for the following services:
    ◊ Message Queuing
    ◊ AXIS Hub
    ◊ AXIS Universal Lab Reader

7. Start the services in the following order:
    ◊ SQL Server (AXIS)
    ◊ Message Queuing

◊ AXIS Hub

◊ AXIS Universal Lab Reader

8. Open AXIS-Q from the icon on the Windows Desktop.

Connect with Avimark

1. Open Avimark and open **Advanced Options** ( ).
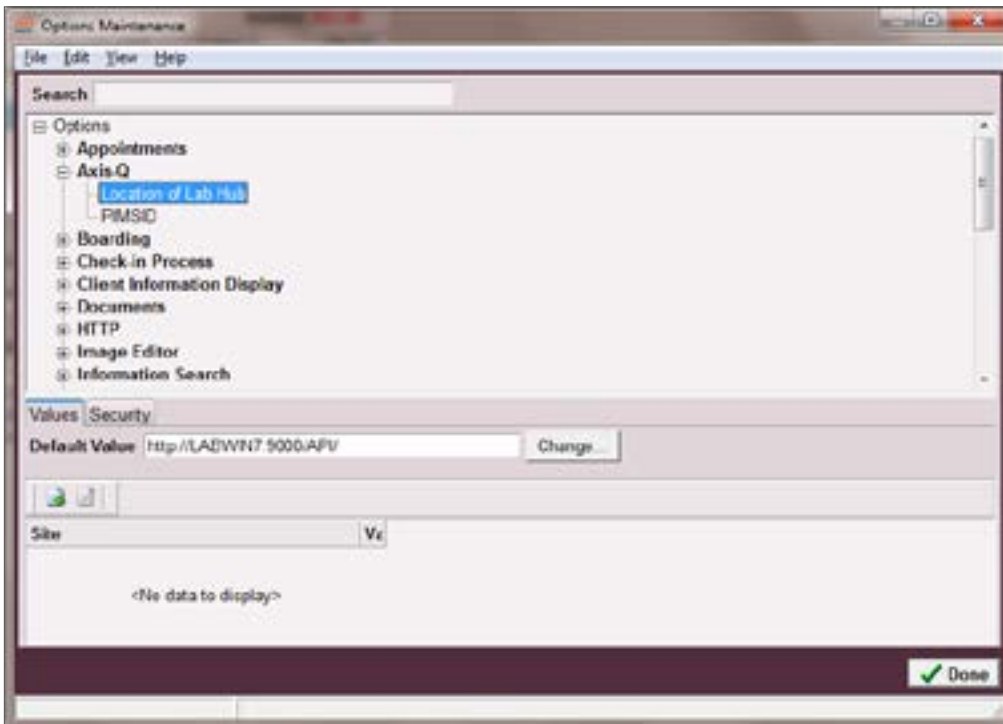
2. Click the + to expand Axis-Q.

3. Click on **Location of Lab Hub**.

4. Click the **Change** button.

5. Paste the path copied from AXIS Hub.

6. At the end of the path add **/API/** (Example: *http://MO2084:9000/API/*).
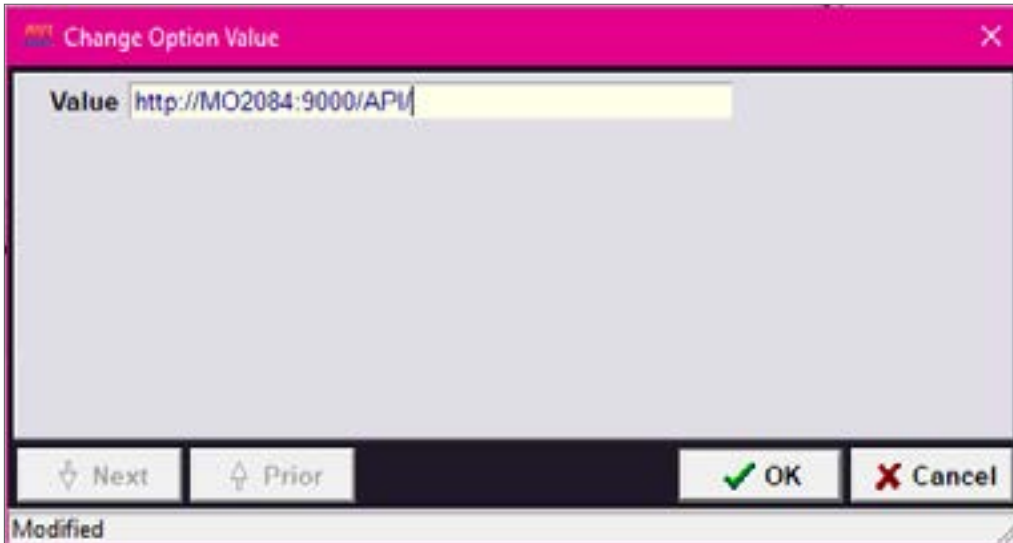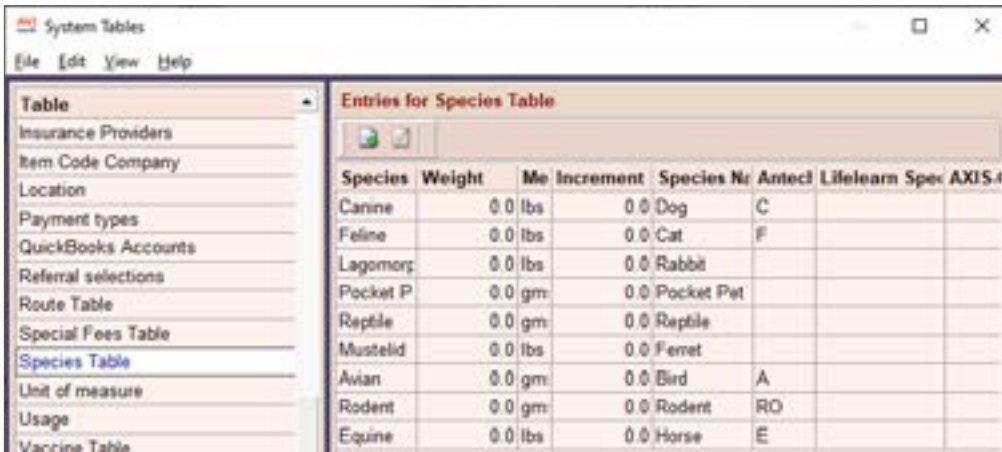
7. Click **OK**.

8. Close and re-open Avimark.

Linking AXIS-Q Species

1. From the CID menu, click on **Work with > System Tables**.

2. On the left side of System Tables, select **Species Table**.

3. With the Species Table selected, move the mouse to the right side then **right-click > Change** on a species.

4. Enter the species in the **AXIS-Q Species** field.

> Some species won't be on the species list, for example, Pocket Pet. For those species, select 'Other'.

5. Click **OK**.

Linking Treatments with AXIS-Q

1. From the CID menu, click on **Work with > Treatment List**.

2. On the left side, select the laboratory category. This category name will vary for each clinic.

3. With the laboratory category selected, move the mouse to the right side then **right-click > New**.

4. Enter the following in the New Treatment:

    ◊ **Code**: AXSQ

    ◊ **Description**: AXIS-Q Requisition

    ◊ **Action Codes**: Q

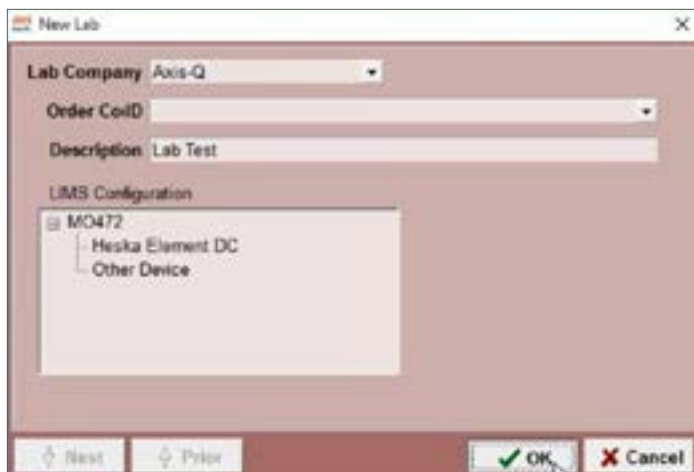
5. Click **OK**.

6. Repeat the previous steps to add another treatment:

    ◊ **Code**: LABTEST

    ◊ **Description**: Lab Test

    ◊ **Action Code**: Q

7. Double-click on the new lab test treatment just created to link with AXIS-Q.

8. Click on the **Laboratory** tab then the **Labs** sub-tab.
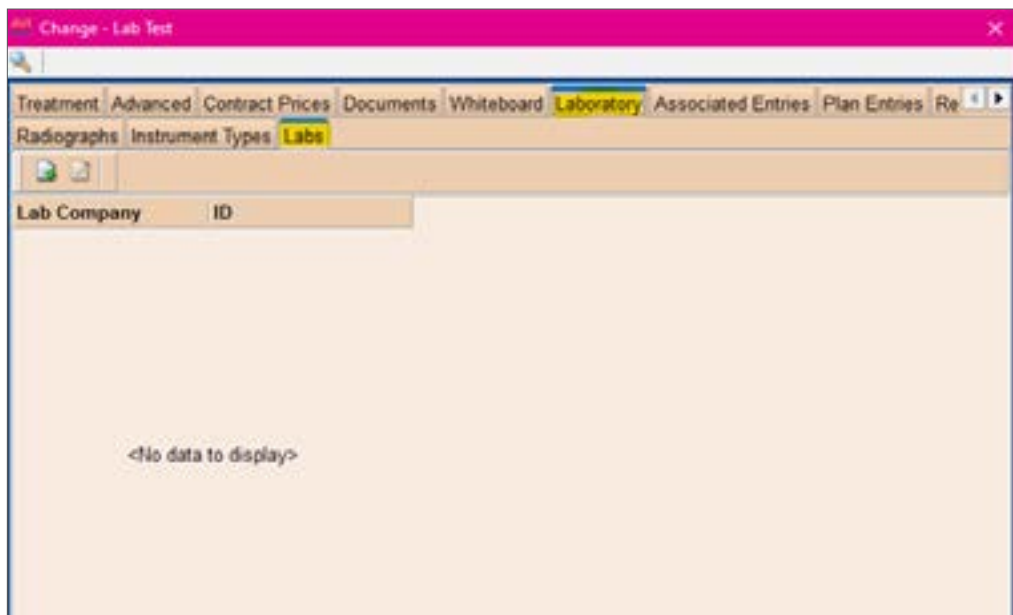
9. **Right-click > New**.

10. From the drop-down list for Lab Company, select **Axis-Q**.

11. Click on the + under LIMS Configuration.

12. Click on one of the lab machines displayed.

📄 **If using FUSE, after you select the lab machine, go to Order Code and from the drop-down list, select the type of test this is.**

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13. Click **OK.**

Test Configuration

1. In Avimark, press the **Esc** button to bring up the Client Selection window.

2. Type in **Test** in the **Patient** field (most clinics have a test patient).

3. Highlight the test patient displayed.

4. Right-click > New in the Medical History area.

5. In the Code field, type LABTEST.

6. When the prompt displays that one or more History Entries have a Axis-Q Test, click **Yes** to create the requisition. An AXSQ Req entry will appear in Medical History and in AXIS-Q.
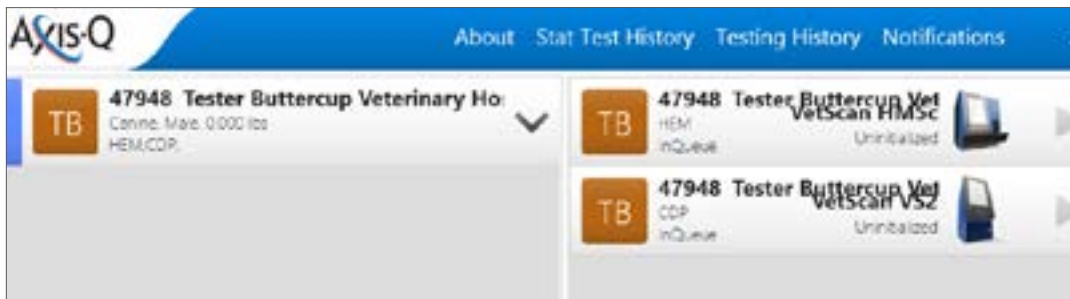
Avimark AXSQ entry

AXIS-Q entries

7. When the test has run on the analyzer, it will be removed from AXIS-Q.

8. The test results will come back into Avimark. Click on the AXSQ line in Medical History.

9. Under **Attachments**, click on **Tests** to open the results.