



# AXIS-Q™ Installation



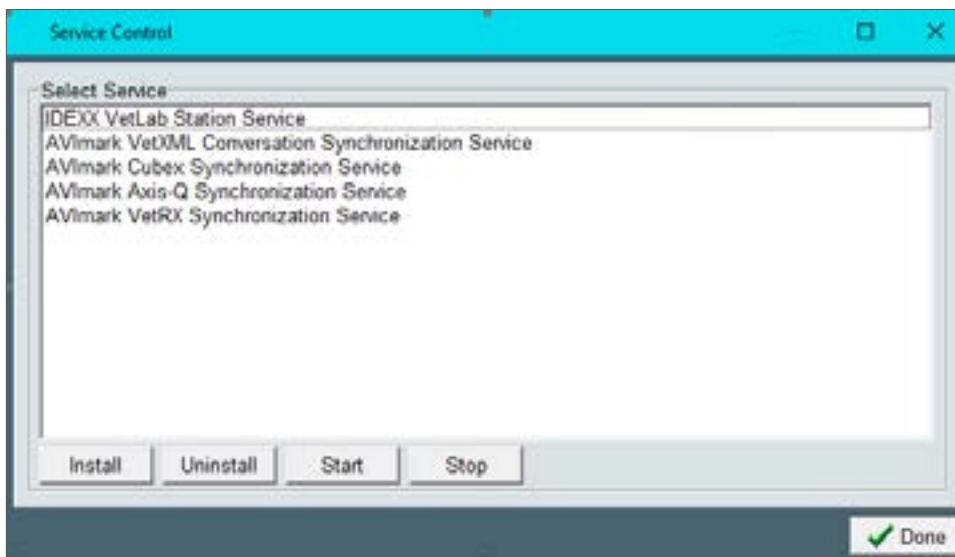
AVIMARK®

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## Install AXIS-Q Service on Server Computer

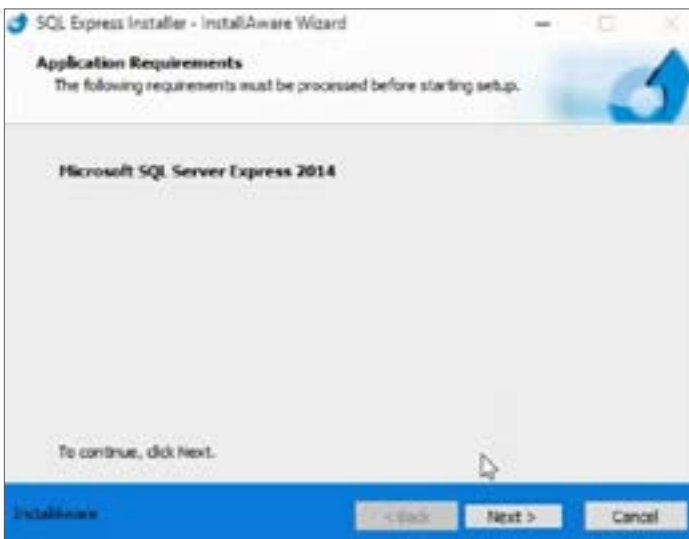
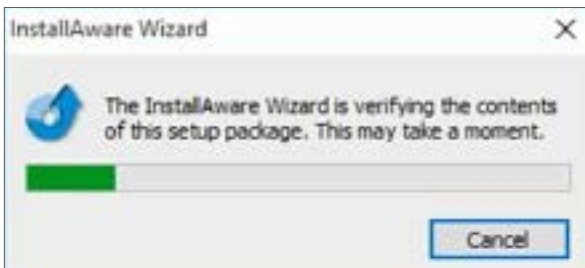
1. From the Avimark server, on the Avimark shortcut, **right-click** > **Run as administrator**.
2. Log into Avimark.
3. Hold down **Ctrl+Shift** then from the CID menu, click on **Utilities**.
4. Click on **Service Control**.
5. Highlight **Avimark Axis-Q Synchronization Service**.
6. Click **Install**.



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**.

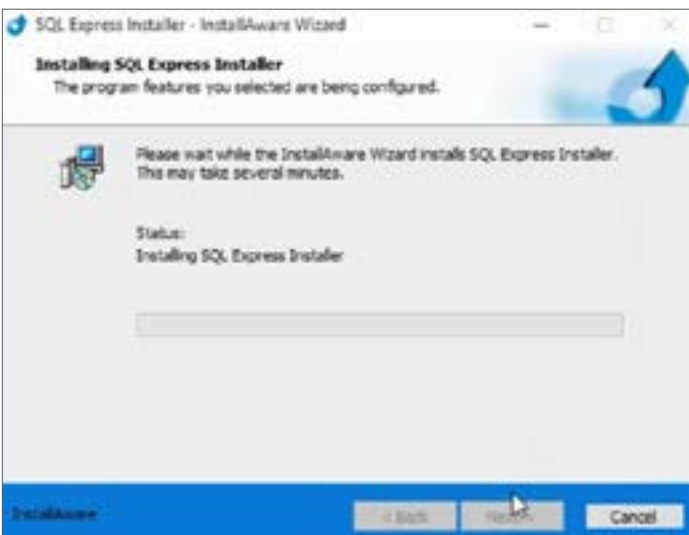


5. Click **Next**.

This next phase will take some time to run.

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## 6. Click Next.



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

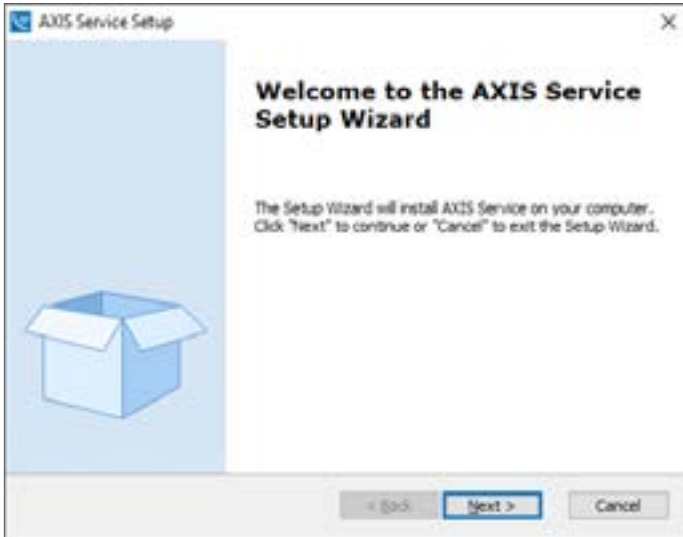


8. Activate **Microsoft Message Queue**:

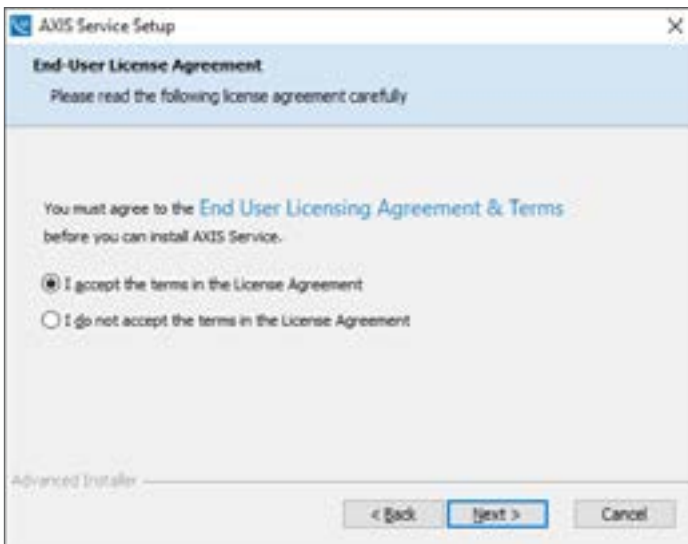
- a. Open the **Control Panel**.
- b. Click on **Programs and Features**.
- c. Click the link for **Turn Windows features on or off**.
- d. Check **Microsoft Message Queue (MSMQ) Server**.
- e. Click **OK**.
- f. Close the Control Panel (Programs and Features).

## 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**.

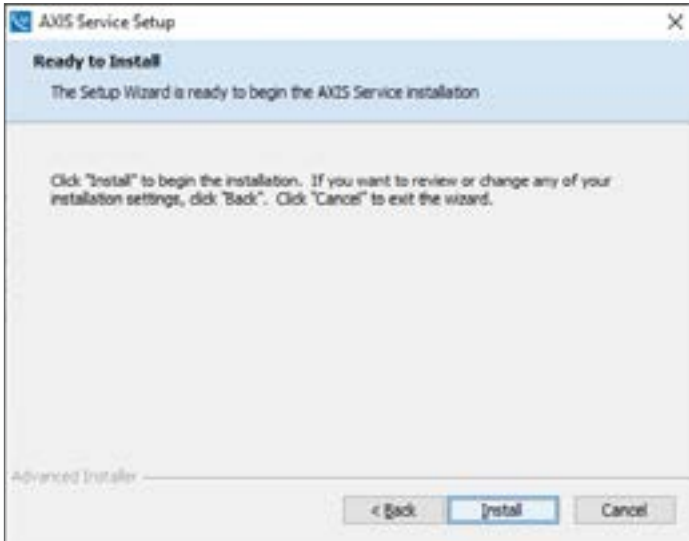


4. On the End-User License Agreement screen, **accept the terms** then click **Next**.



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5. On the Ready to Install screen, click **Install**.



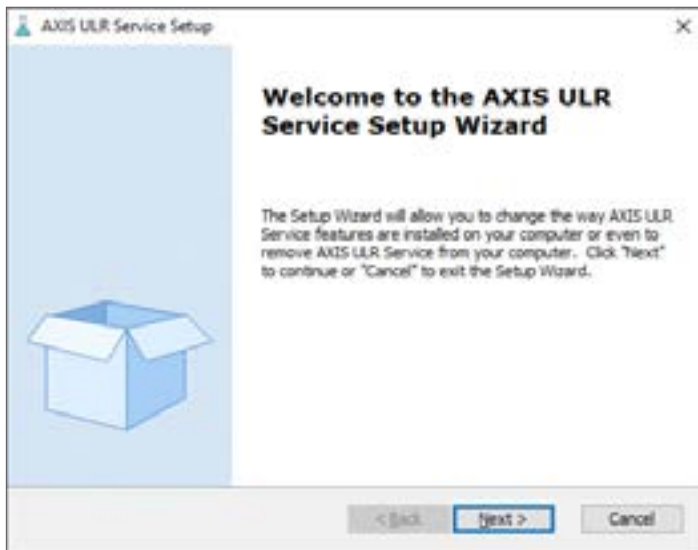
6. When the installation is successful, click **Finish**.
7. Continue with installing the AXIS ULR Service on the following page.



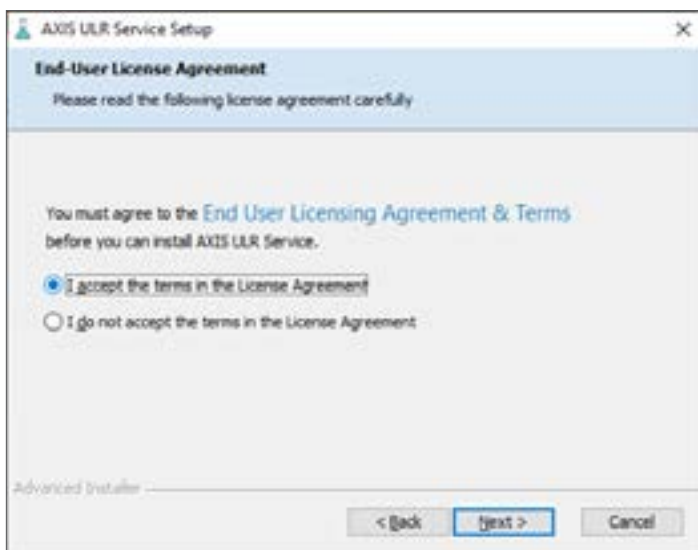
## Install the ULR Service

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**.

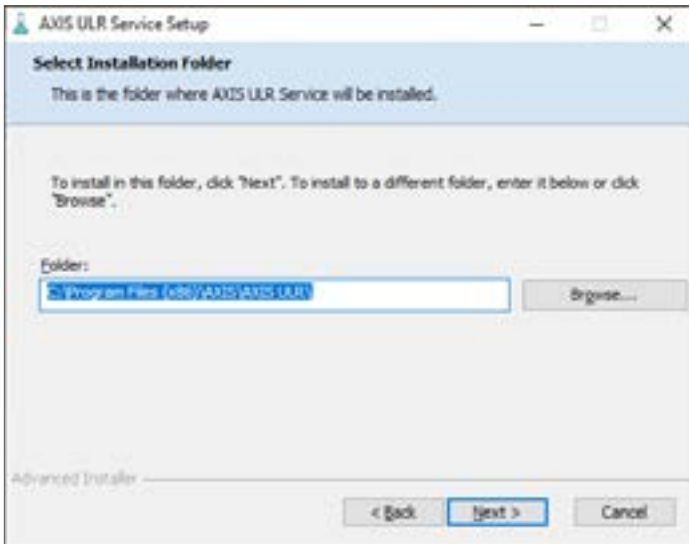


4. On the End-User License Agreement, **accept the terms** then click **Next**.

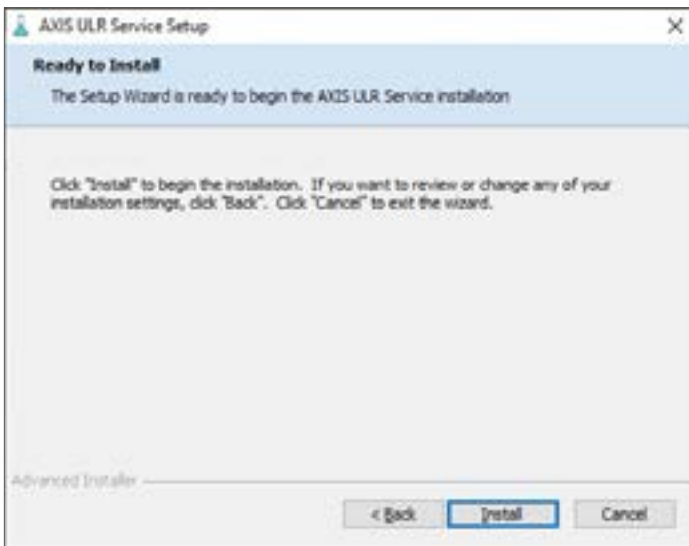


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- On the Select Installation Folder, click **Next** to accept the default folder location and proceed with the next step.



- Click **Install**.

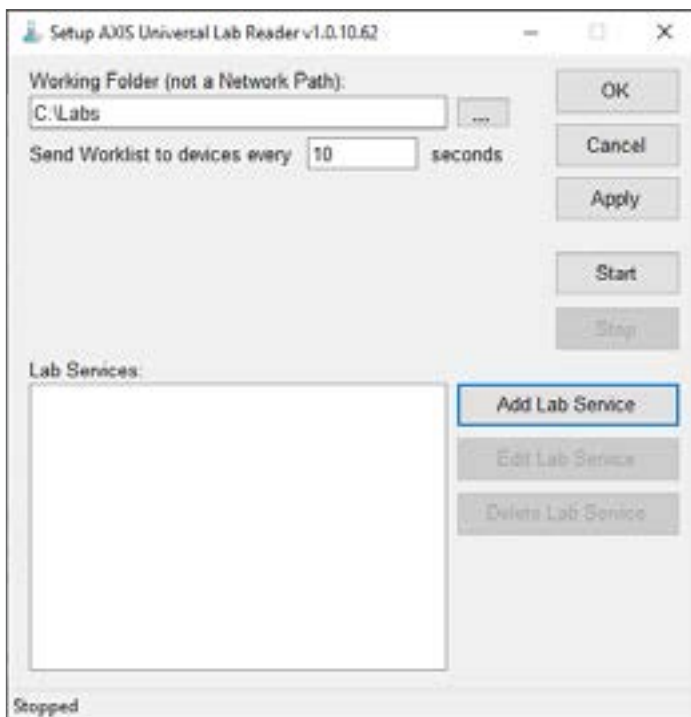


- When installation of the ULR Service is successful, click **Finish**.
- Close the installation folder.

## VETSCAN® FUSE Configuration

For a clinic that uses FUSE for labs, follow the steps below to setup FUSE with Lab Services.

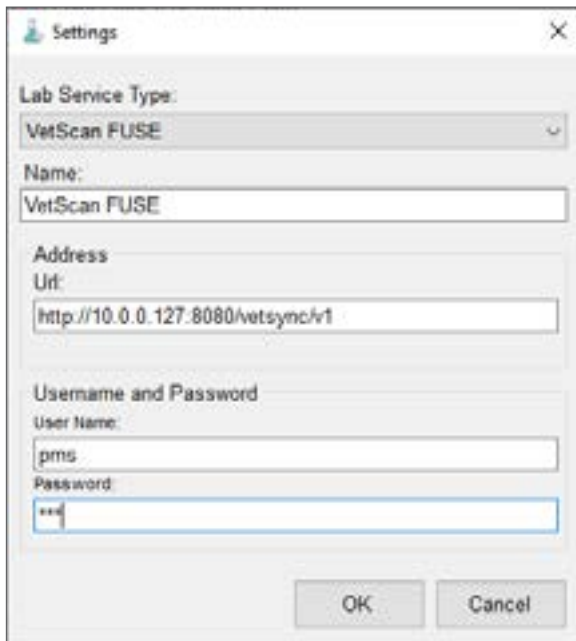
1. From the Windows Taskbar, click **Start**.
2. From the Start menu, locate the **AXIS ULR Service** folder and select **Configure Lab Services**.
3. In the Working Folder field, click the browse button and navigate to the **C** drive.
4. Click on the **Make New Folder** button and add a new folder named **Labs**.
5. Click **OK**.



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

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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**.



The screenshot shows a 'Settings' dialog box with the following fields:

- Lab Service Type:** A drop-down menu with 'VetScan FUSE' selected.
- Name:** A text box containing 'VetScan FUSE'.
- Address:** A section containing a **Url:** text box with the value 'http://10.0.0.127:8080/vetsync/v1'.
- Username and Password:** A section containing a **User Name:** text box with 'pms' and a **Password:** text box with 'pms'.

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

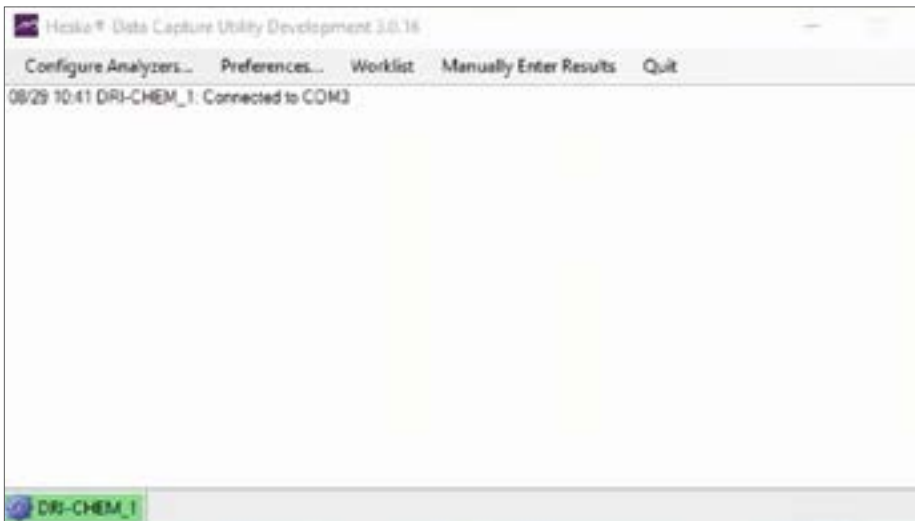
13. Click **OK**.
14. Click **Apply**.
15. Click **Start**.

## 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**.



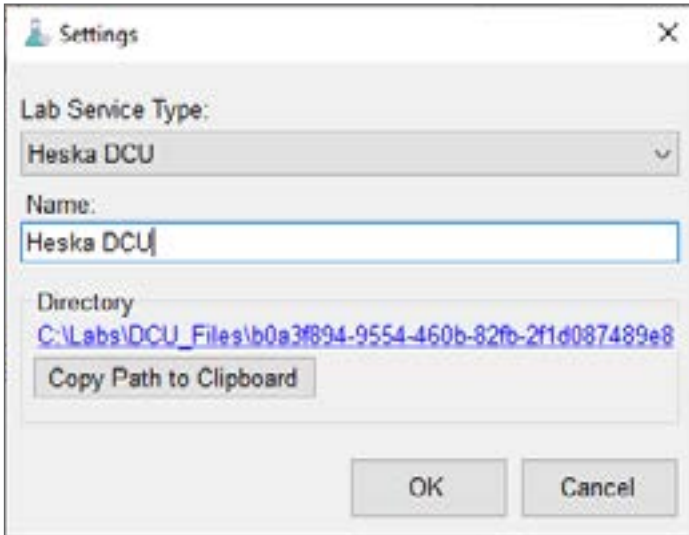
2. Each analyzer will show connected. If Error or any color other than green, **contact Heska**.

### Configure the ULR Lab Services for Heska DCU

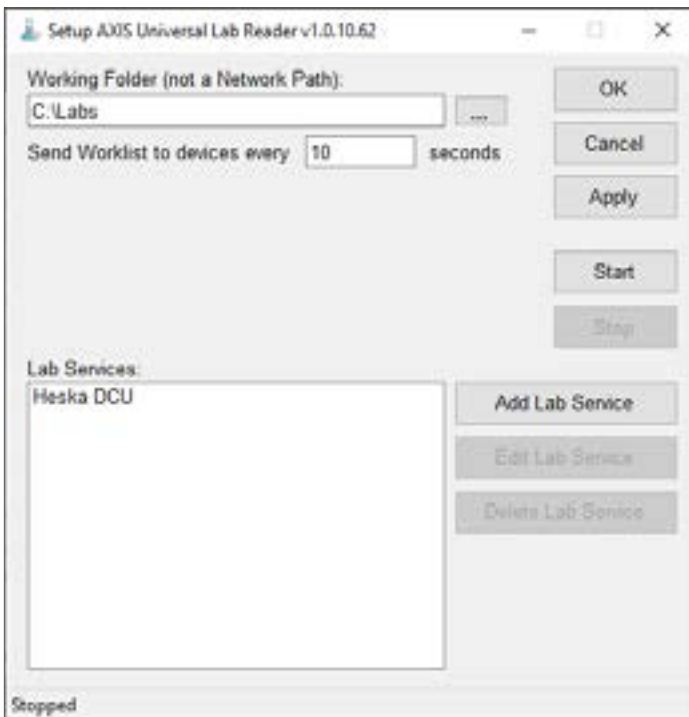
1. From the computer, click the **Start** button and search for **AXIS ULR Service > Configure Lab Services**.
2. In the **Working Folder** field, click the browse button and navigate to the **C** drive.
3. Select the **Labs** folder. If the folder does not exist, click **Make New Folder** and create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

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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**.

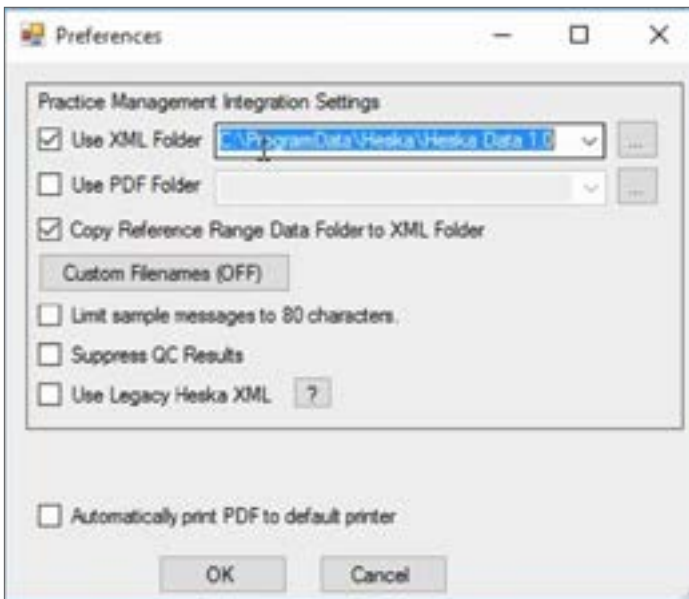


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11. Click **Apply**.
12. Click **Start**.
13. Click **OK**.
14. Open **Heska Data Capture Data** (purple mountains on taskbar).
15. Click **Preferences** on the menu bar.



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**.

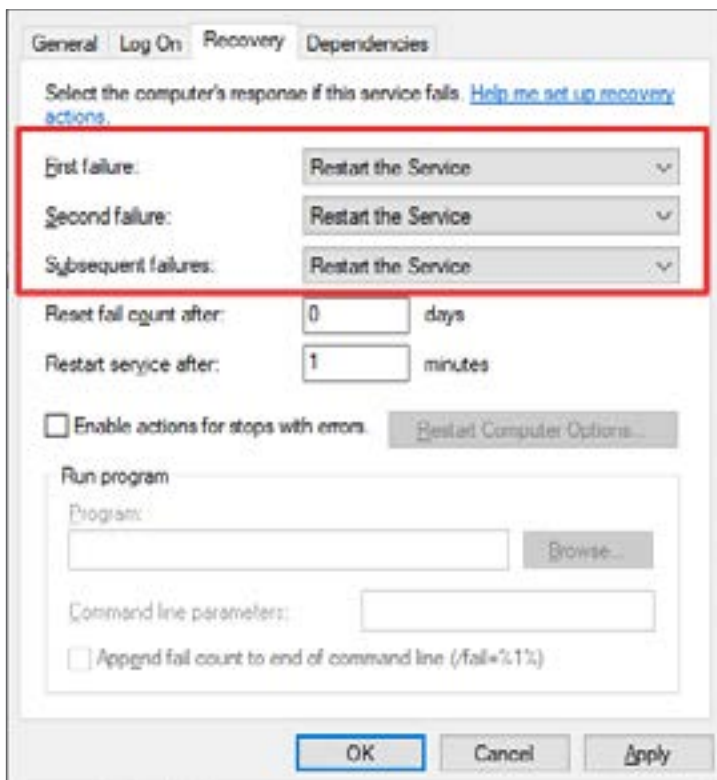


3. In the **AXIS Hub** field, highlight the URL and **copy the path** (right-click > Copy or Ctrl+C).
4. Click **Save Changes**.
5. Click **OK**.



## 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


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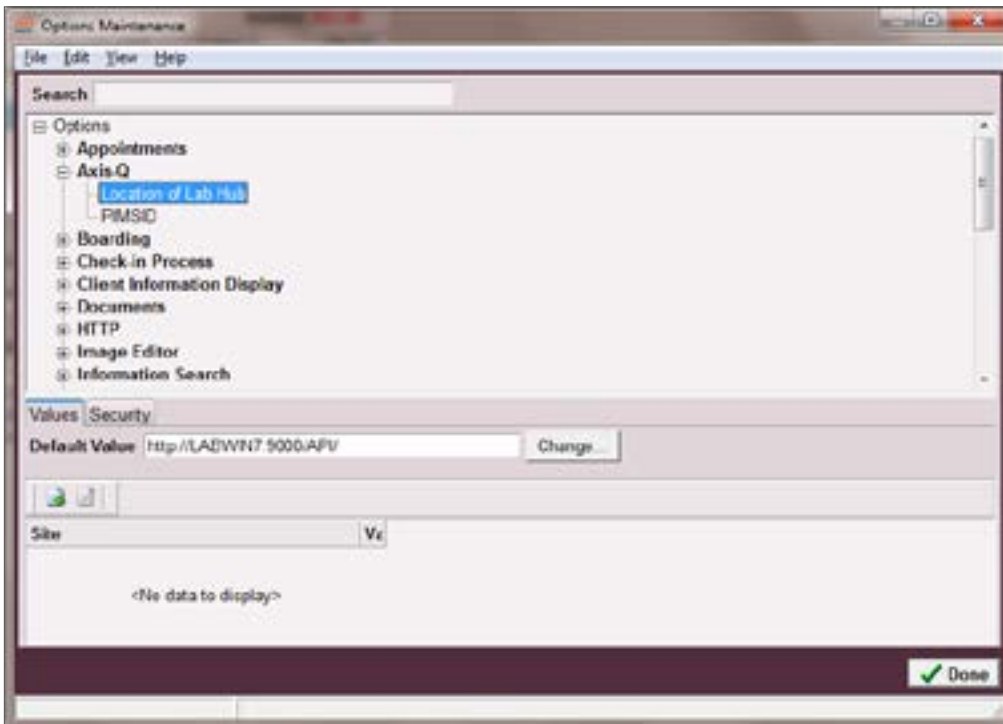
- ◇ AXIS Hub
- ◇ AXIS Universal Lab Reader

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



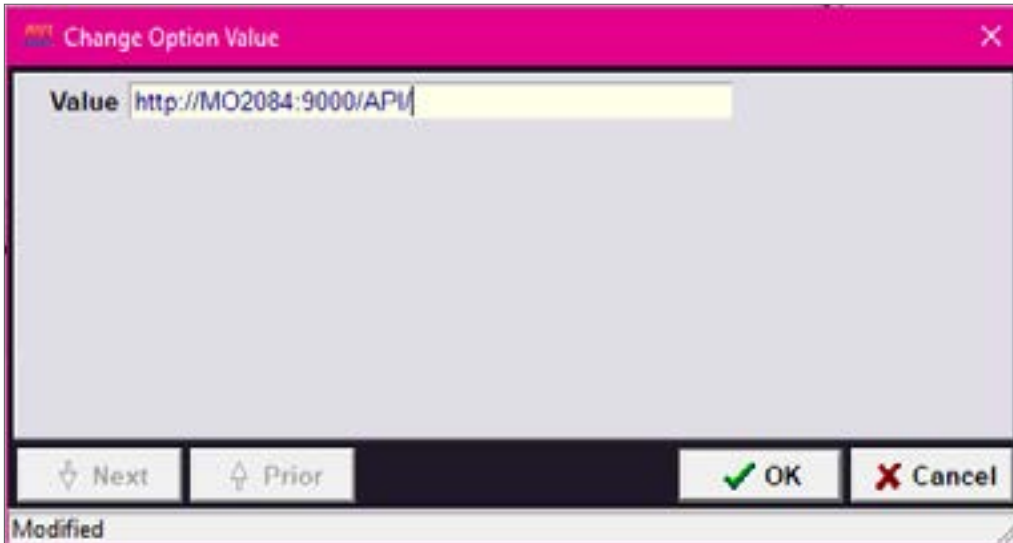
## Connect with Avimark

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**.

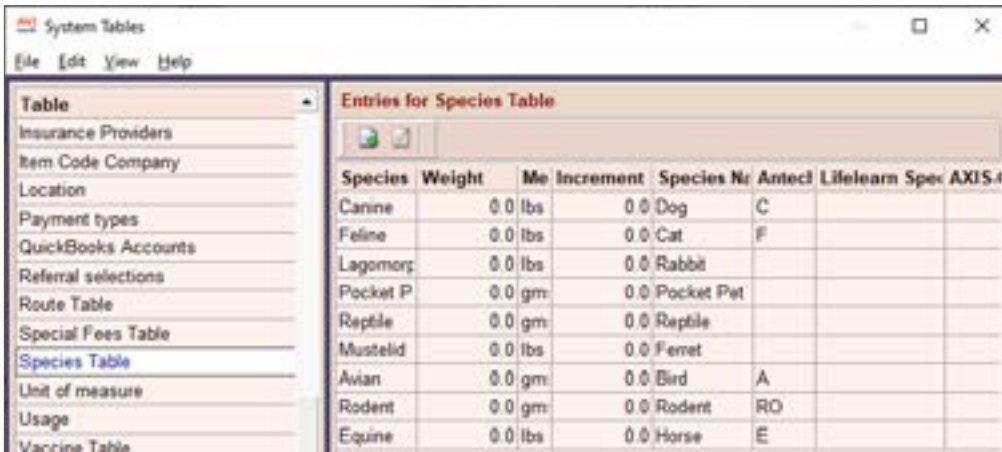
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8. Close and re-open Avimark.

## 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**.



The screenshot shows the 'System Tables' application window. On the left, a list of tables is shown with 'Species Table' selected. On the right, the 'Entries for Species Table' are displayed in a table format.

Species	Weight	Me	Increment	Species Nr	Antech	Lifelearn	Spec	AXIS-Q
Canine	0.0 lbs		0.0	Dog	C			
Feline	0.0 lbs		0.0	Cat	F			
Lagomor	0.0 lbs		0.0	Rabbit				
Pocket P	0.0 gm		0.0	Pocket Pet				
Reptile	0.0 gm		0.0	Reptile				
Mustelid	0.0 lbs		0.0	Ferret				
Avian	0.0 gm		0.0	Bird	A			
Rodent	0.0 gm		0.0	Rodent	RO			
Equine	0.0 lbs		0.0	Horse	E			

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.



The screenshot shows the 'Change Species Entry' dialog box. The 'Table' field is set to 'Species Table'. The 'Species' field is set to 'Canine'. The 'Weight' field is set to '0.0', the 'Measure' field is set to 'lbs', and the 'Increment' field is set to '0.0'. The 'Species Name' field is set to 'Dog', the 'Antech Species' field is set to 'C', and the 'AXIS-Q Species' field is set to 'Canine'. The 'Report Card' field is set to '...'. The 'Next', 'Prior', 'OK', and 'Cancel' buttons are visible at the bottom.



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

The screenshot shows the 'New Treatment' dialog box with the following fields and values:

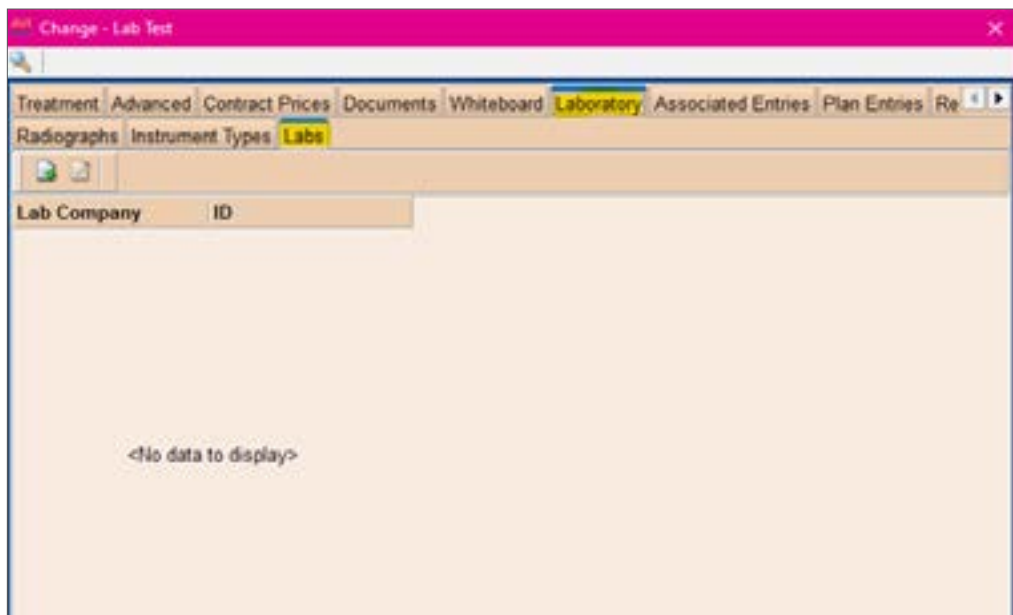
- Code: AXSQ
- Description: Axis-Q Requisition
- Charge: 0.00
- Action Codes: Q
- Report Codes: (empty)
- List Codes: (empty)
- Cost: 0.000
- Discount Class: 01
- Appointment Time: 0 min.
- Markup Percent: 0
- Species 1: (none)
- Species 2: (none)
- Sex(es): (empty)
- Photo: (empty)
- Abbreviation: (empty)
- Form: (empty)
- Invoice: (empty)
- Journal: (empty)
- Doctor: (none)
- Change Patient Status: None
- Category: Anesthesia, Equine

There is a 'Comments' section with a 'Doctor's notes' tab and a 'Print comments on invoice' checkbox. An 'ATTACHMENTS' section has checkboxes for 'Doctor's Instructions...' and 'More Stuff...'. At the bottom are 'Next', 'Prior', 'OK', and 'Cancel' buttons.

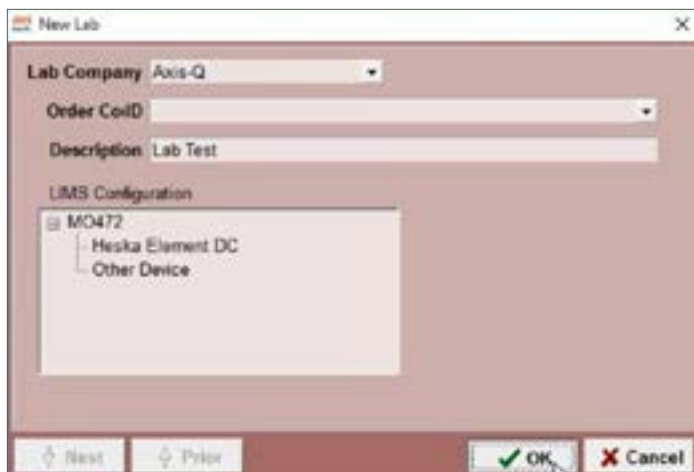
5. Click **OK**.
6. Repeat the previous steps to add another treatment:
  - ◇ **Code:** LABTEST
  - ◇ **Description:** Lab Test
  - ◇ **Action Code:** Q

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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.



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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.

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.

Client Name	Patient	Address	Phone
Johnson, Sam And Kathy	Test Canine (C)	755 International Blvd. #	(573) 555-0054

4. Right-click > New in the Medical History area.
5. In the Code field, type LABTEST.

Date: 07/19/21 Patient: Test Code: LABTEST Description: Lab Test  
Quantity: 1 ea Amount: 0.00 Photo: Co: 01 At: 9:39a Type: Taxed Treatment  
Form: Xls: Problem: Public:   
Variance: 0 By: PM Site: 0 Journal: Zip: Decline:   
Doctor: DNS: David N. Sharp, DVM Admitted: DNS: David N. Sharp, DVM  
Done Cancel Help



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- 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



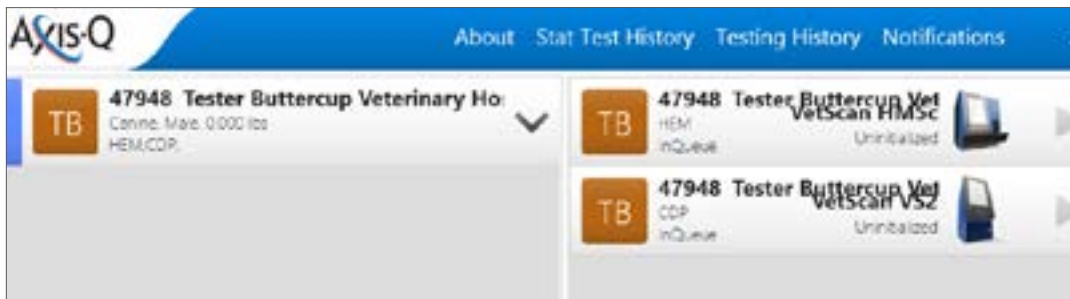
PATIENT: Tester No. 47948

Name: Tester Codes: Sex: M Added: 04-23-18  
Birthday: 04-25-13 Age: 5y Rabies: Reminded: (none)  
Breed: (unspecified) Race: Dog Deceased: (none)  
Color: (unspecified) Weight: 0.00 lb Sex: Microchip:  
Species: Canine Allergy: (none) Rating: (none)

Medical History

Date	Time	Dr.	Type	Code	Description	Qty	Amount	By	Photo	Public?	Attachments
09-13-18	10:06a	CW	S	AXSQ	0447948-20180913101032930	1	3.08			Yes	<input type="checkbox"/> Dental Chart <input type="checkbox"/> Form <input type="checkbox"/> Inventory Used <input type="checkbox"/> Medical Conditions
09-13-18	10:06a	CW	S	854	Comprehensive Profile in clinic	1	174.36	ADM		Yes	

## AXIS-Q entries



AXIS-Q About Stat Test History Testing History Notifications

Test ID	Test Name	Location	Status	Device
TB 47948	HEM	Tester Buttercup Vet VetScan HMSC	InQueue	Uninitialized
TB 47948	CCP	Tester Buttercup Vet VetScan VSZ	InQueue	Uninitialized

- When the test has run on the analyzer, it will be removed from AXIS-Q.
- The test results will come back into Avimark. Click on the AXSQ line in Medical History.
- Under **Attachments**, click on **Tests** to open the results.