



# AXIS-Q™ Installation



AVIMARK®

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## Overview

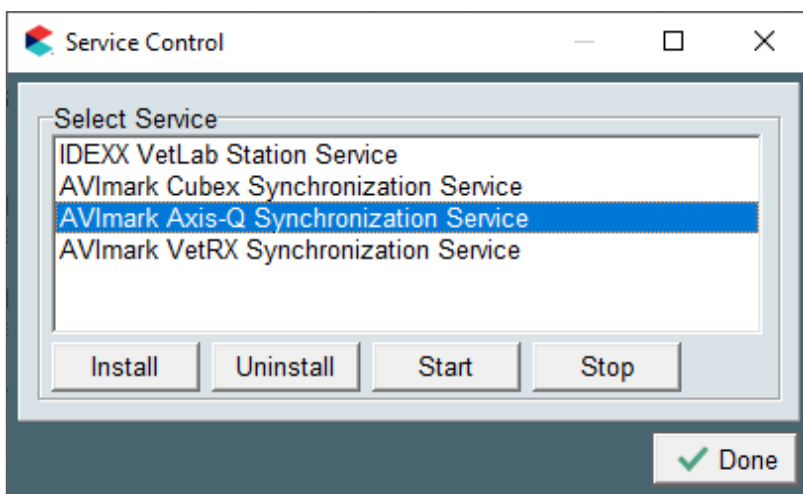
Covetrus® is proud to offer AXIS-Q! AXIS-Q allows customers the freedom to choose the in-house/point of care diagnostic equipment that best fits their practice while enabling an integration that provides an efficient workflow and captures missed charges. By automating the workflow of requesting diagnostic tests and returning the results to the Electronic Medical Record, AXIS-Q:

- Reduces the unnecessary human interaction
- Eliminates steps in the process
- Reduces errors
- Reduces missed charges

## Install AXIS-Q Synchronization Service

From the Avimark server:

1. 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**.

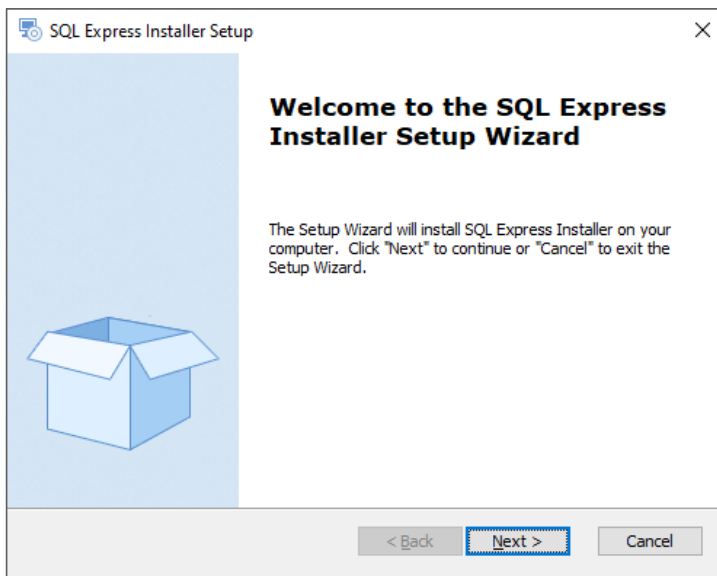


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7. When the message displays that the installation was successful, click **OK**.
8. Click **Yes** to start the service.
9. Click **OK** on the message confirming the service started successfully.
10. Click **Done**.

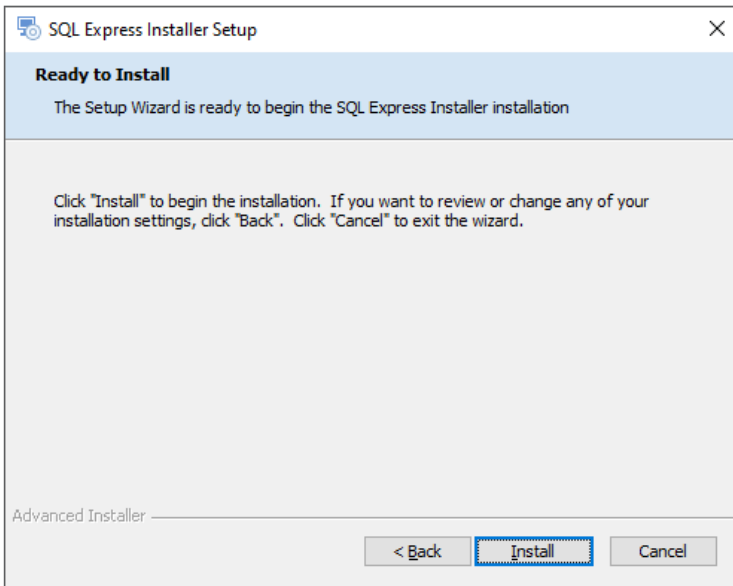
## Install SQL Express

1. When access to the AXIS-Q installation folder has been provided, extract the folder onto the computer desktop.
2. Open the **SQL Express 2022** folder.
3. Double-click **SQLInstaller.exe**.

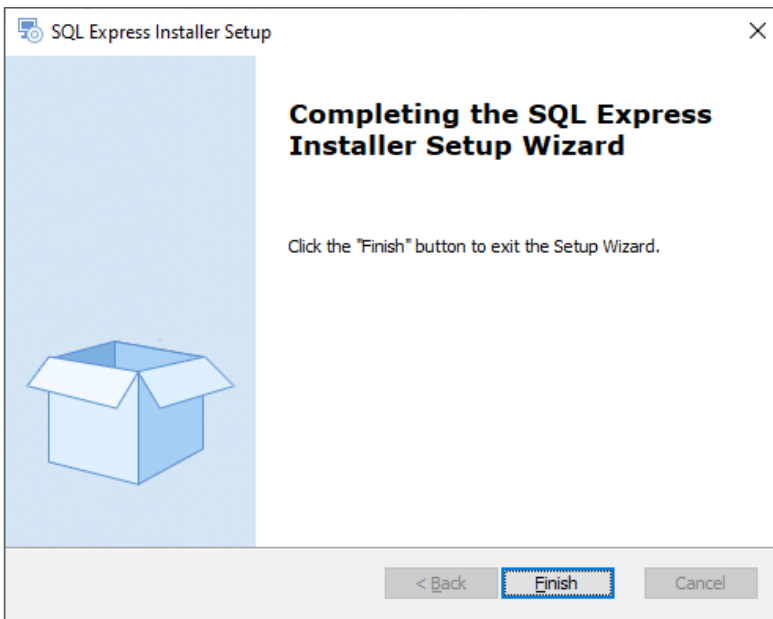


4. Click **Next**.

# AXIS-Q INSTALLATION

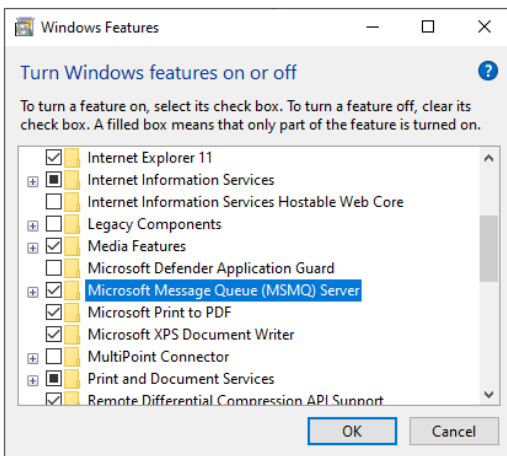


5. On **Ready to Install**, click **Install**. This next phase will take some time to run.
6. When the installation is complete, click **Finish**.



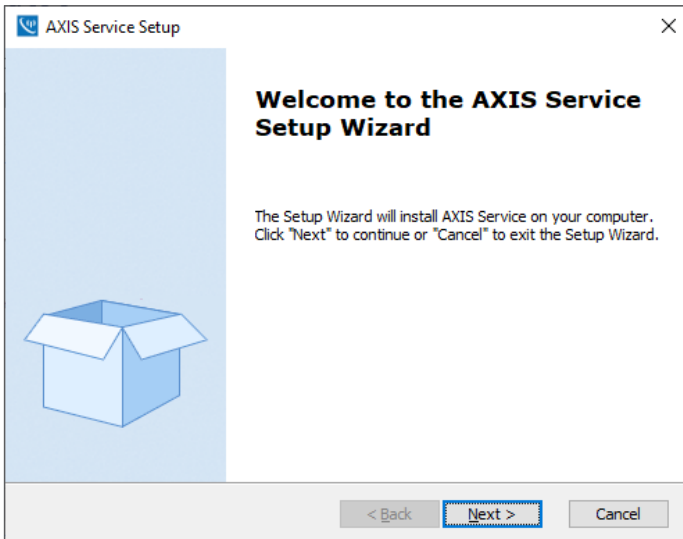
# AXIS-Q INSTALLATION

7. 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).

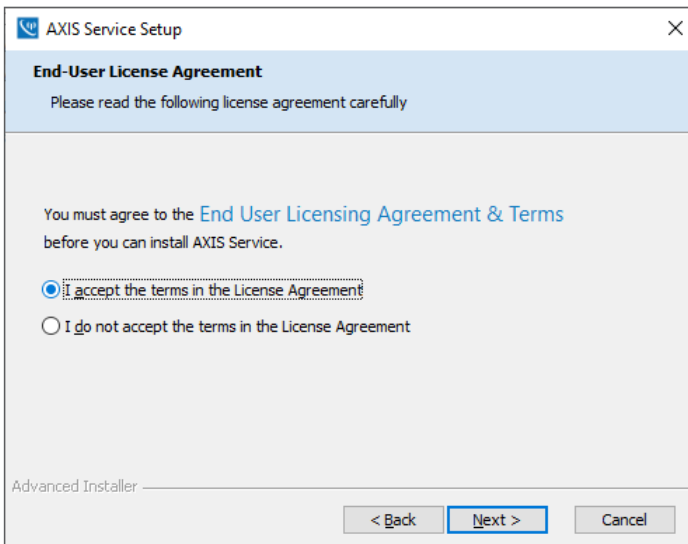


## Install AXIS Service

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

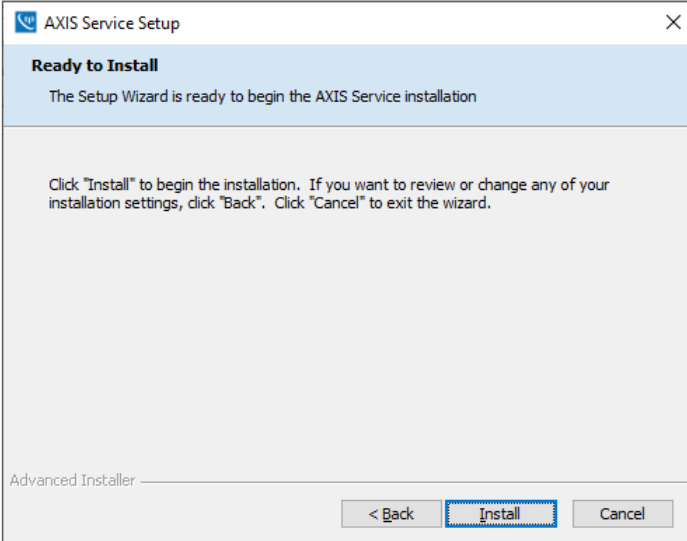


4. On the End-User License Agreement screen, **accept the terms** then click **Next**.

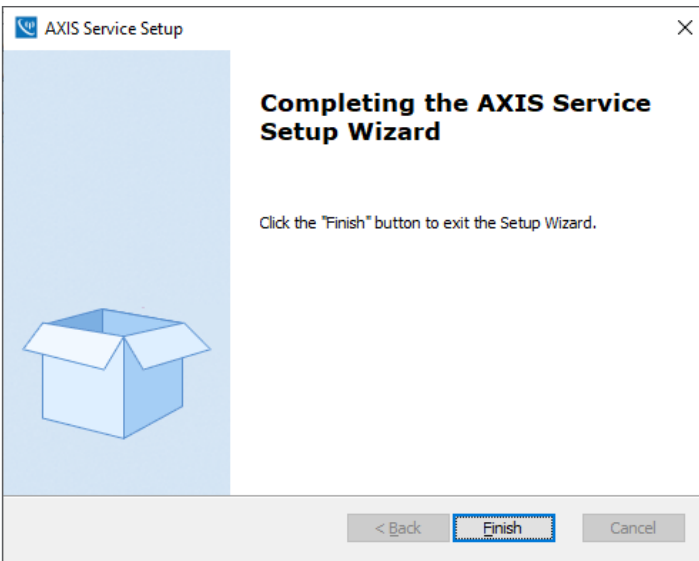


# AXIS-Q INSTALLATION

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



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

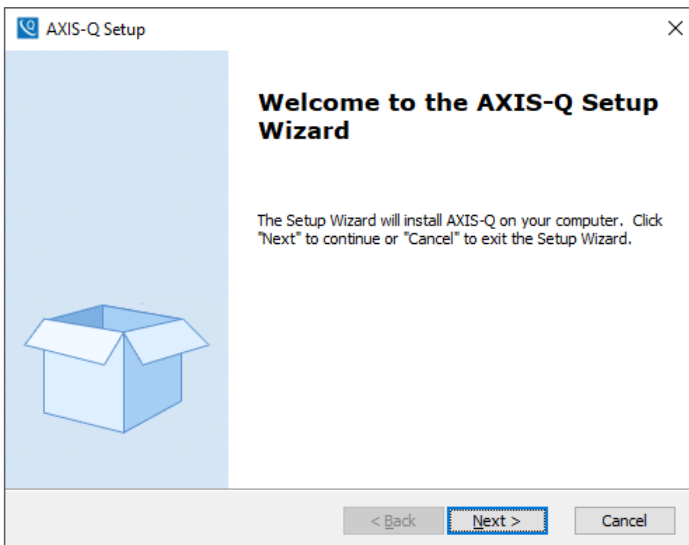


7. Continue with installing AXIS-Q on the following page.

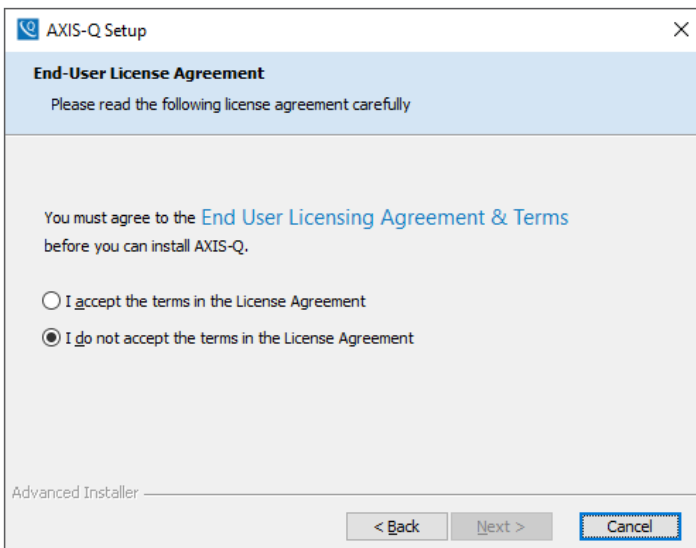


## Install AXIS-Q

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

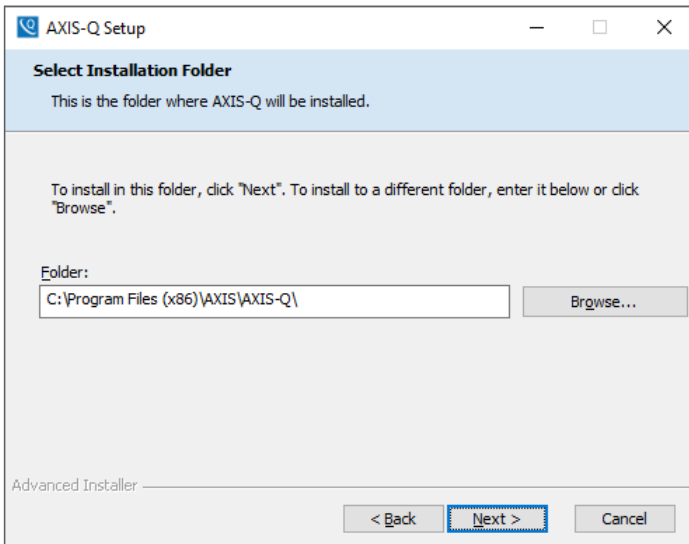


4. On the **End-User License Agreement**, accept the terms then click **Next**.

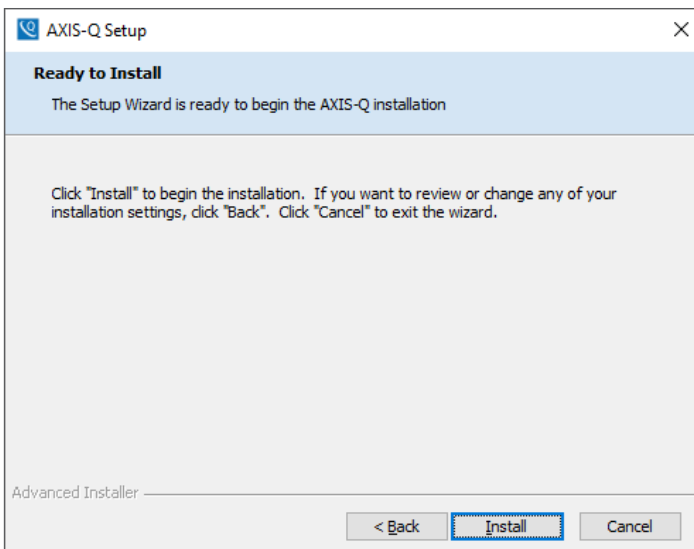


# AXIS-Q INSTALLATION

5. On the **Select Installation Folder** screen, click **Next** to accept the default folder location.



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

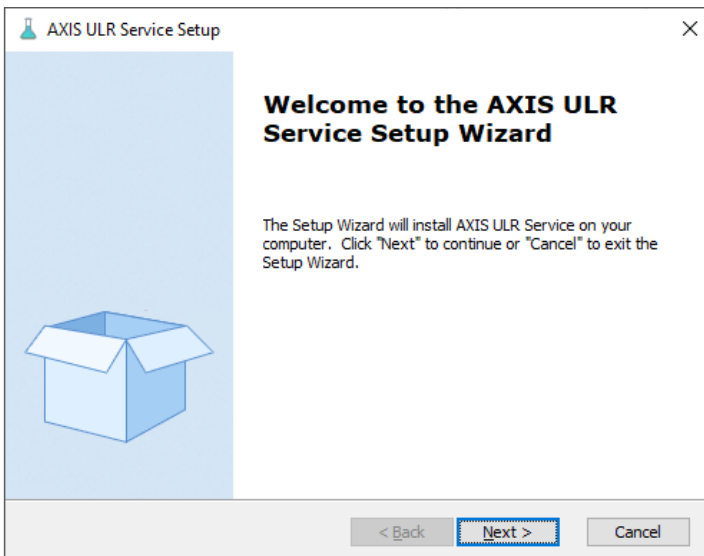


7. When the installation is complete, click **Finish**.

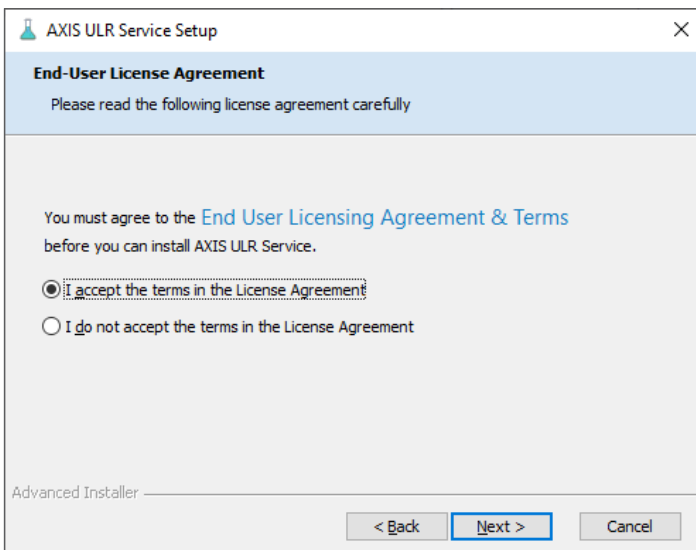
## Install the ULR Service

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**.

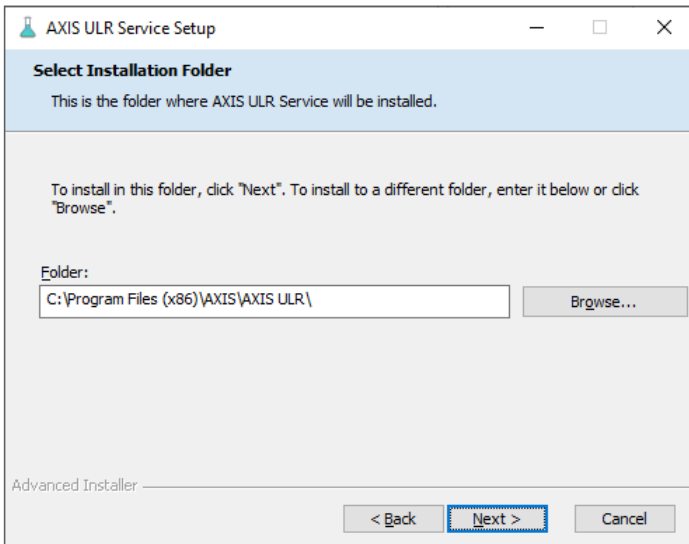


4. On the End-User License Agreement, **accept the terms** then click **Next**.

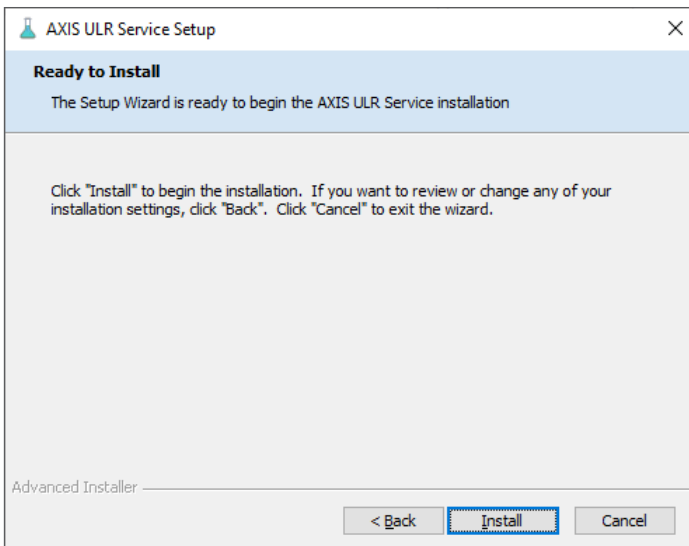


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5. On the Select Installation Folder, click **Next** to accept the default folder location and proceed with the next step.



6. Click **Install**.



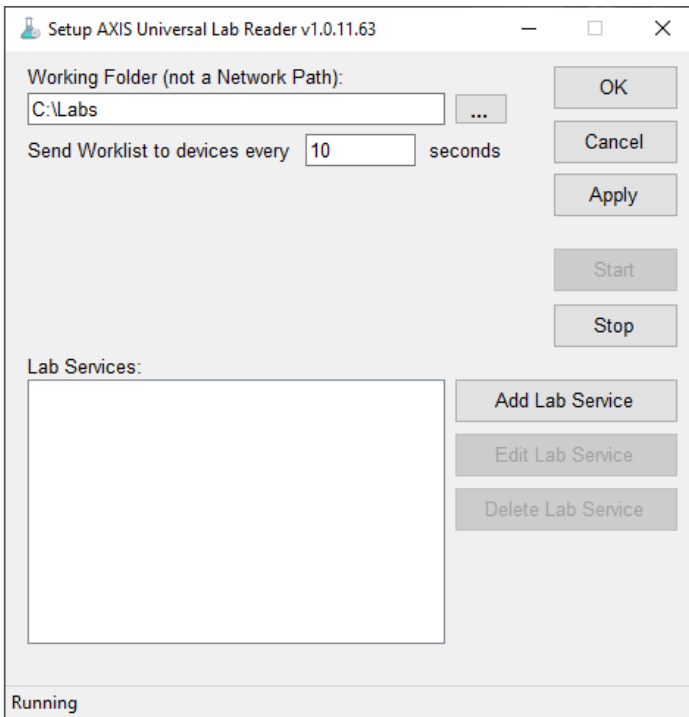
7. When installation of the ULR Service is successful, click **Finish**.
8. Close the installation folder.

# AXIS-Q INSTALLATION

## VETSCAN® FUSE Configuration

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

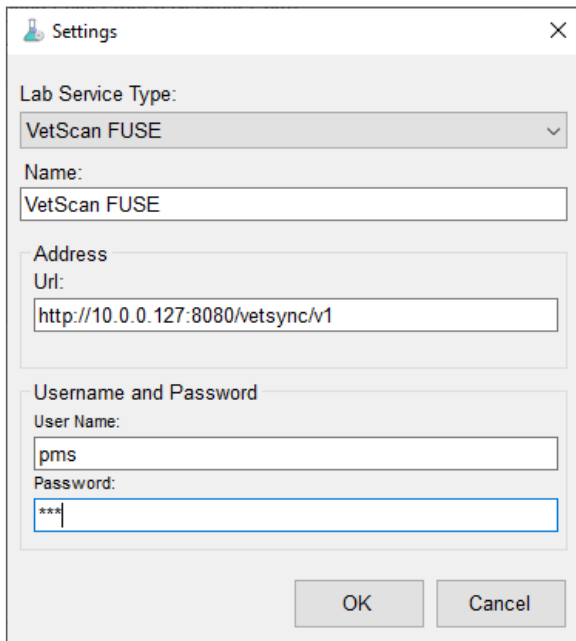
1. From the Windows Taskbar, click **Start**.
2. From the Start menu, locate the **AXIS ULR Service** folder and select **Configure Lab Services**.
3. In the Working Folder field, click the browse button and navigate to the **C** drive.
4. Click on the **Make New Folder** button and add a new folder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



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

# AXIS-Q INSTALLATION

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 dropdown menu with 'VetScan FUSE' selected.
- Name:** A text field containing 'VetScan FUSE'.
- Address:** A section containing a **Url:** text field with the value 'http://10.0.0.127:8080/vetsync/v1'.
- Username and Password:** A section containing a **User Name:** text field with 'pms' and a **Password:** text field with '\*\*\*'.

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

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

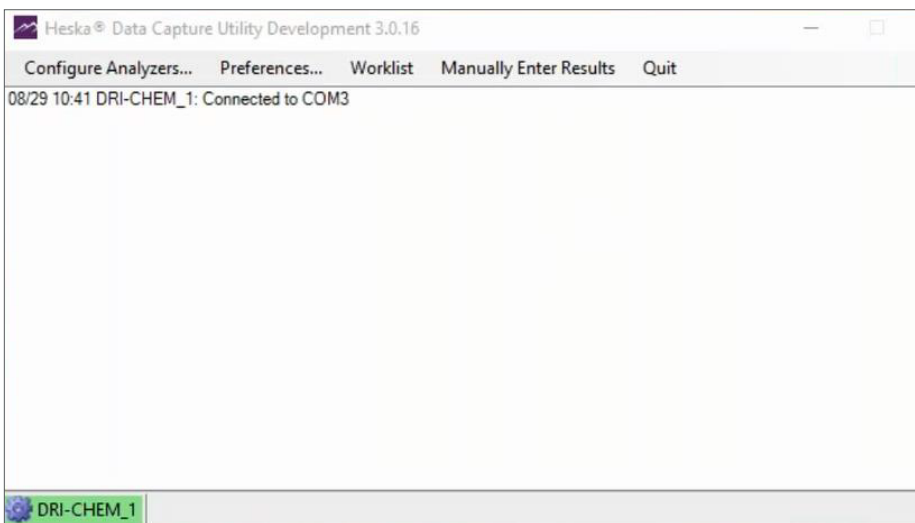
# AXIS-Q INSTALLATION

## 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**.



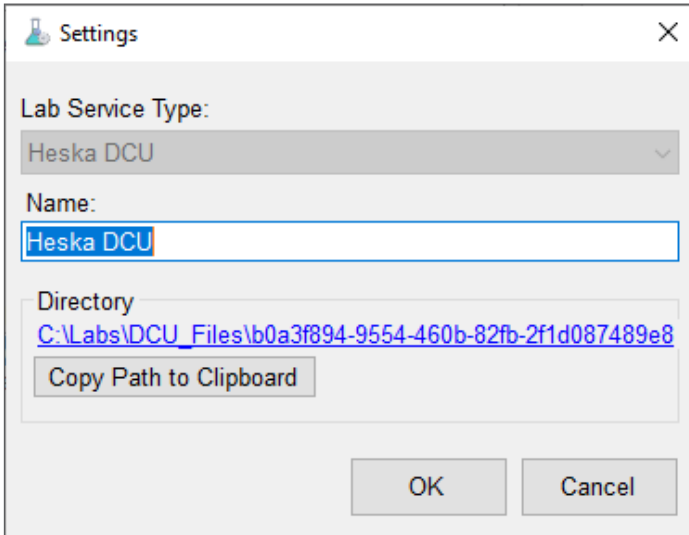
2. Each analyzer will show connected. If Error or any color other than green, **contact Heska**.

### Configure the ULR Lab Services for Heska DCU

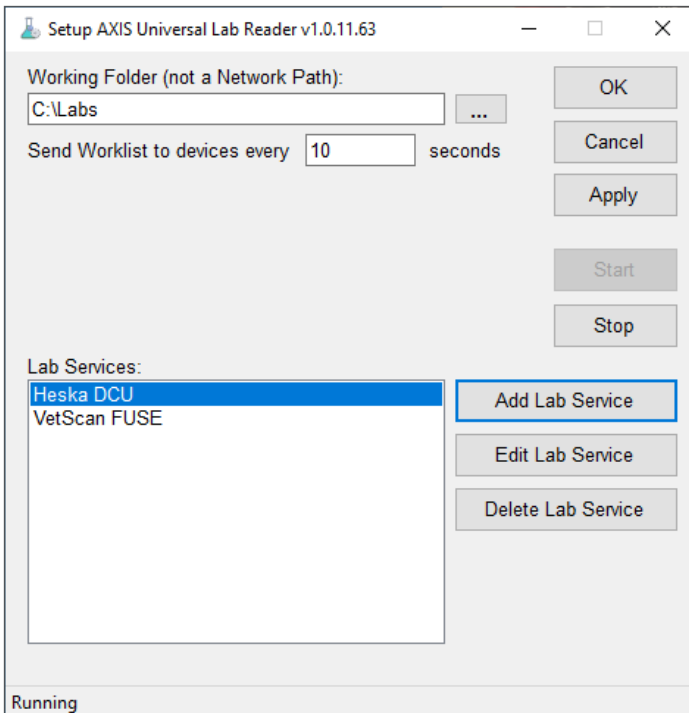
1. From the computer, click the **Start** button and search for **AXIS ULR Service > Configure Lab Services**.
2. In the **Working Folder** field, click the browse button and navigate to the **C** drive.
3. Select the **Labs** folder. If the folder does not exist, click **Make New Folder** and create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

# AXIS-Q INSTALLATION

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.



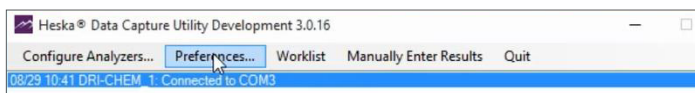
10. Click **OK**.



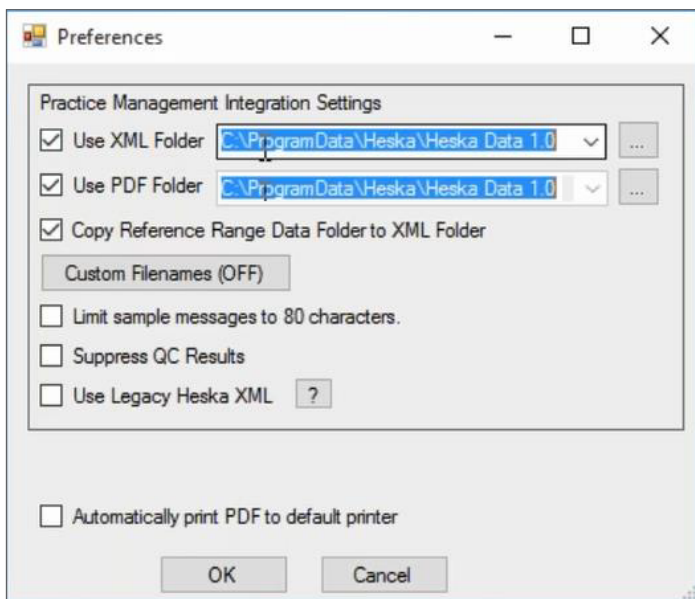


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11. Click **Apply**.
12. Click **Start**.
13. Click **OK**.
14. Open **Heska Data Capture Data** (purple mountains on taskbar).
15. Click **Preferences** on the menu bar.



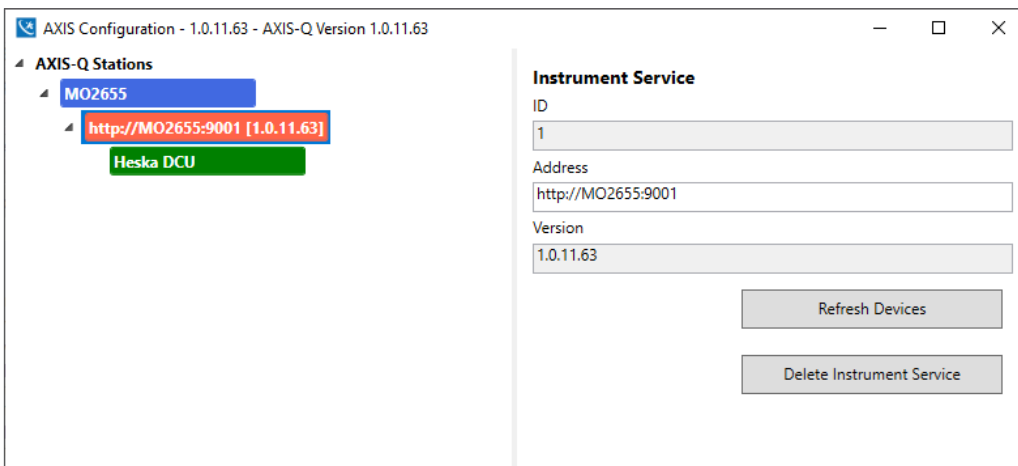
16. In Preferences, verify **Use XML Folder** is selected.



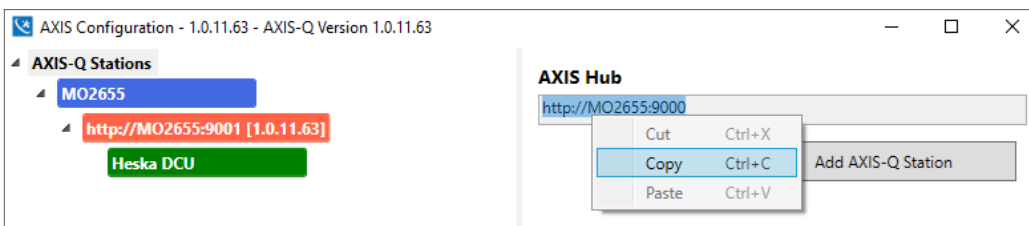
17. Click on the field next to the XML Folder then **right-click > Paste** (or Ctrl + V) to paste the folder path from Lab Services.
18. Check the option to **Use PDF Folder**.
19. Enter the path: **C:\Labs\Heska\_PDF**.
20. Click **OK**.
21. Click **Quit** at the top.
22. Confirm the option to quit.

## AXIS Configuration

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




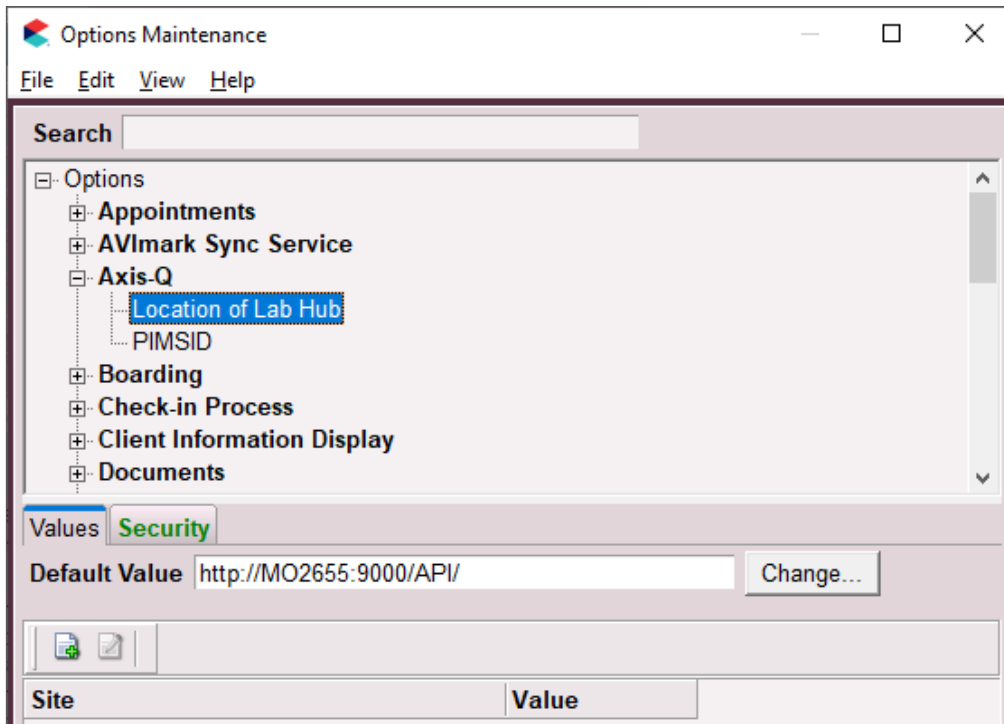
2. After it finishes loading all analyzers, highlight **AXIS-Q Stations**.



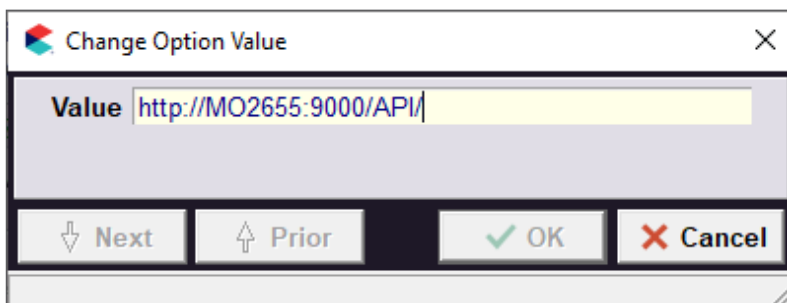
3. In the **AXIS Hub** field, highlight the URL and **copy the path** (right-click > Copy or Ctrl+C).
4. Click **Save Changes**.
5. Click **OK**.
6. Open the AXIS-Q Client on the Desktop .

## 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/>).

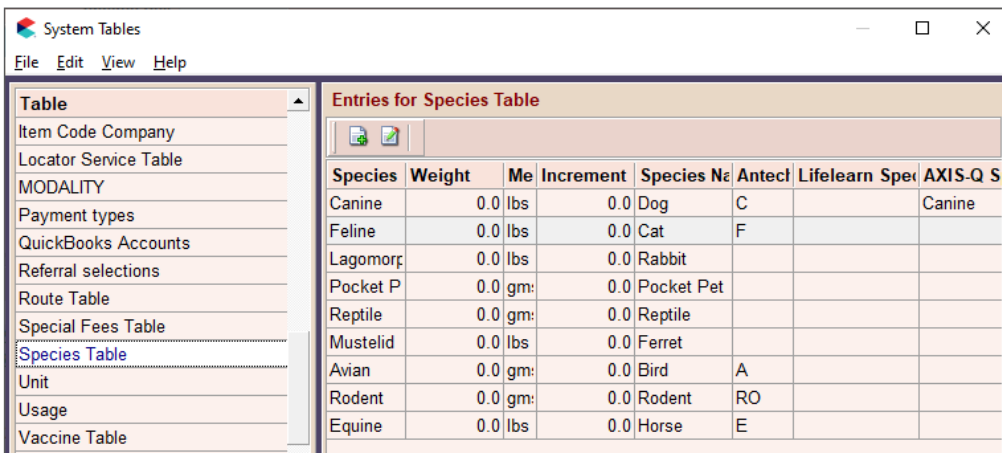


# AXIS-Q INSTALLATION

7. Click **OK**.
8. Close and re-open Avimark.

## Linking AXIS-Q Species

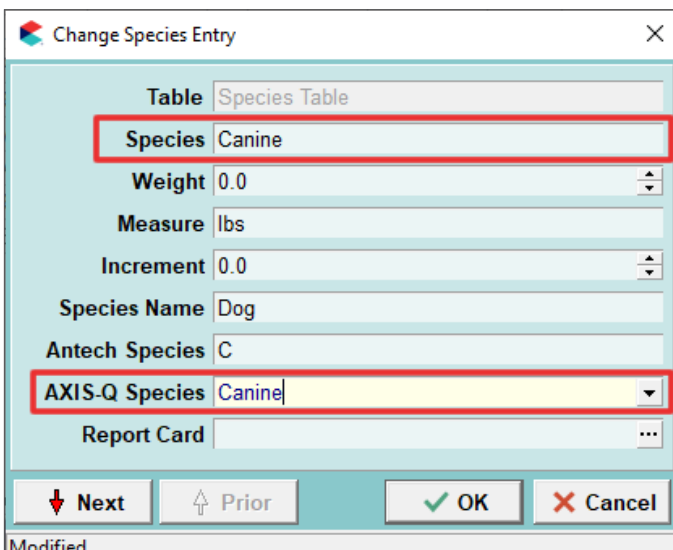
1. From the CID menu, click on **Work with > System Tables**.
2. On the left side of System Tables, select **Species Table**.



The screenshot shows the 'System Tables' application window. On the left, a list of tables is shown with 'Species Table' selected. On the right, a table titled 'Entries for Species Table' displays the following data:

Species	Weight	Me	Increment	Species No	Antech	Lifelearn	Spec	AXIS-Q S
Canine	0.0	lbs	0.0	Dog	C			Canine
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' and is highlighted with a red box. The 'Weight' field is '0.0', 'Measure' is 'lbs', and 'Increment' is '0.0'. The 'Species Name' is 'Dog', 'Antech Species' is 'C', and the 'AXIS-Q Species' field is set to 'Canine' and is also highlighted with a red box. The 'Report Card' field is empty. At the bottom, there are buttons for 'Next', 'Prior', 'OK', and 'Cancel'. The status bar at the bottom left says 'Modified'.

# AXIS-Q INSTALLATION



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:

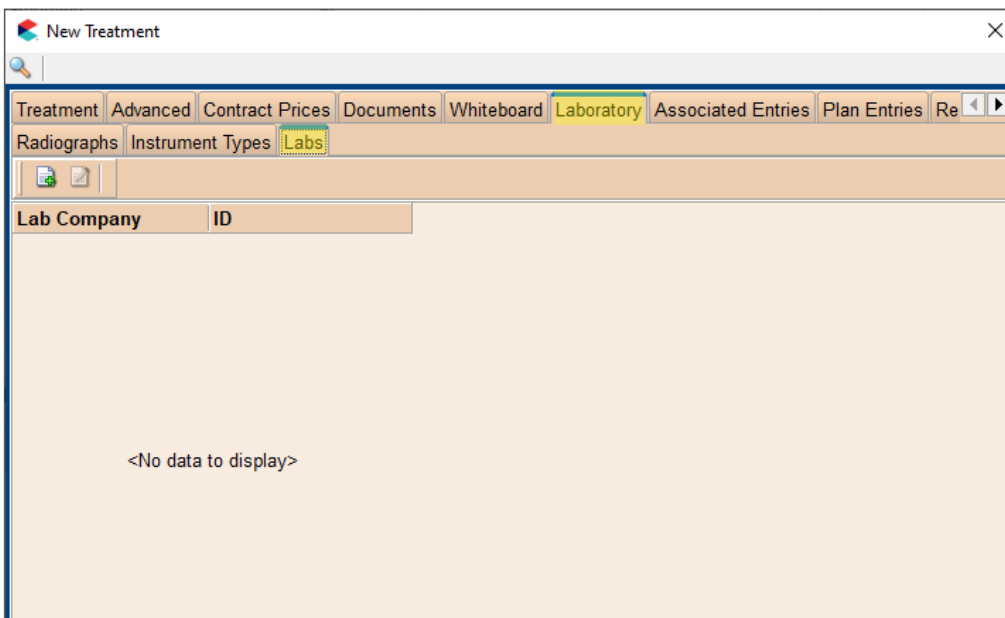
- Code: AXSQ
- Description: AXIS-Q Requisition
- Charge: 0.00
- Action Codes: Q
- Report Codes: (empty)
- List Codes: (empty)
- Cost: 0.000
- Discount Class: 01
- Appointment Time: 0 min
- Markup Percent: 0
- Species 1: (none)
- Species 2: (none)
- Sex(es): (empty)
- Photo: (empty)
- Abbreviation: (empty)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


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

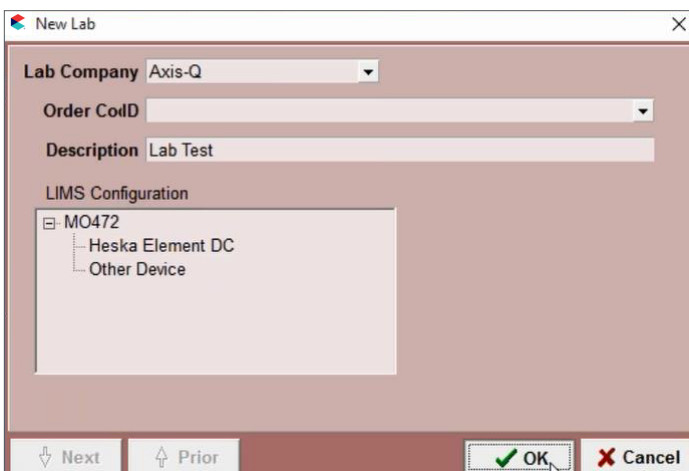
5. Click OK.

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- Repeat the previous steps to add another treatment:
  - ◇ **Code:** LABTEST
  - ◇ **Description:** Lab Test
  - ◇ **Action Code:** Q
- Double-click on the new lab test treatment just created to link with AXIS-Q.
- Click on the **Laboratory** tab then the **Labs** sub-tab.



- Right-click > New or click .



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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	Spouse	Address	Phone
-------------	--------	---------	-------

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

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: Test** No. 1418

Name	Test	Codes		Sex		Added	08-03-18	7406	Rabies Vaccine	08-03-18
Birthday	08-03-18	Age	4y	Rabies		Reminded	(none)	404	Canine DA2PP 6-8 Weeks	09-14-18
Breed	(unspecified)	Plan		Deceased	(none)			436	Rabies Vaccination, Puppy	10-26-18
Color	(unspecified)	Weight	0.00	in	lbs	Microchip				
Species	Canine	Allergy	(none)	Relation	(none)					

Reminders Follow-ups Estimate Ownership Schedule

**Medical History**

Date	Time	Dr.	Type	Code	Description	Qty	Amount	By	Photo	Public?	Attachments
04-28-23	8:11a	DNS	T	LABTEST	Lab Test	1	0.00	DNS		Yes	<input type="checkbox"/> Dental Chart <input type="checkbox"/> Form <input type="checkbox"/> Inventory Used

## AXIS-Q entries

**AXIS-Q** About Stat Test History Testing History Notifications

<b>TB</b> 47948 Tester Buttercup Veterinary Ho: Canine, Male, 0.000 lbs HEM,CDP;	<b>TB</b> 47948 Tester Buttercup Vet VetScan HMsC HEM InQueue Uninitialized
	<b>TB</b> 47948 Tester Buttercup Vet VetScan VS2 CDP 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.