



Antech[®]



IMPROMED[®]

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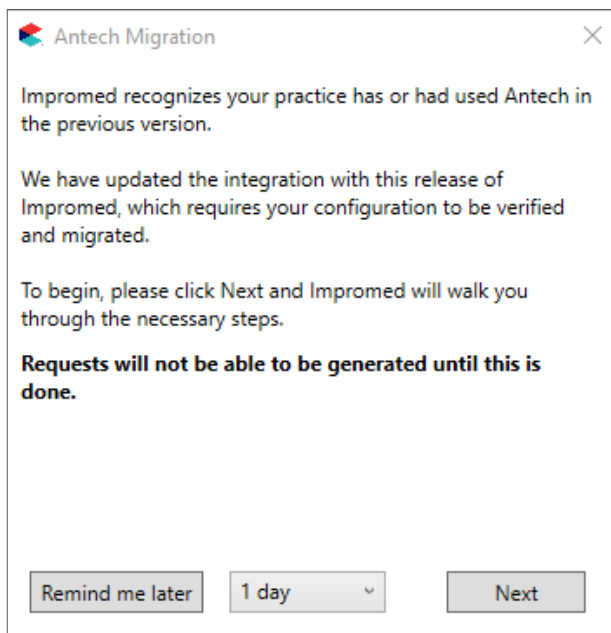
Overview

Antech released a new bi-directional integration available to all users where the order is immediately placed and visible to Antech labs. They have also provided an embedded portal for ordering and viewing lab results.

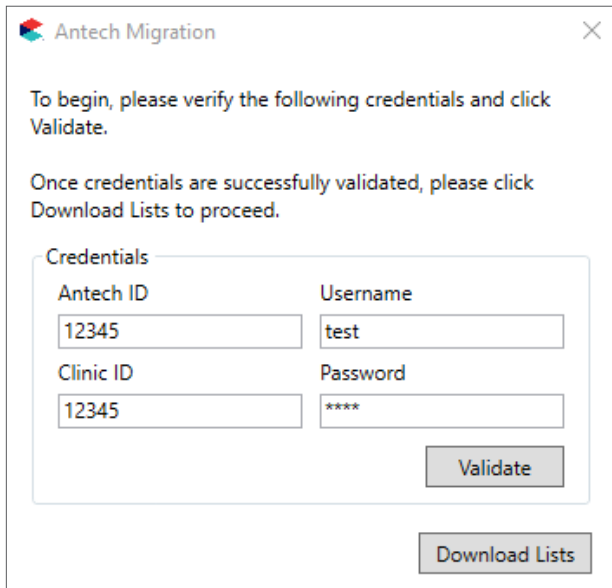
Migration

Existing Impromed and Antech users will be met with a screen to migrate their Antech credentials and settings when upgrading to Impromed 24.10.0 or higher.

1. Open Impromed.
2. The Migration message appears.



3. Click **Next** to continue with the migration or click **Remind me later** and set the reminder.
4. After clicking Next, the following screen will appear.



Antech Migration

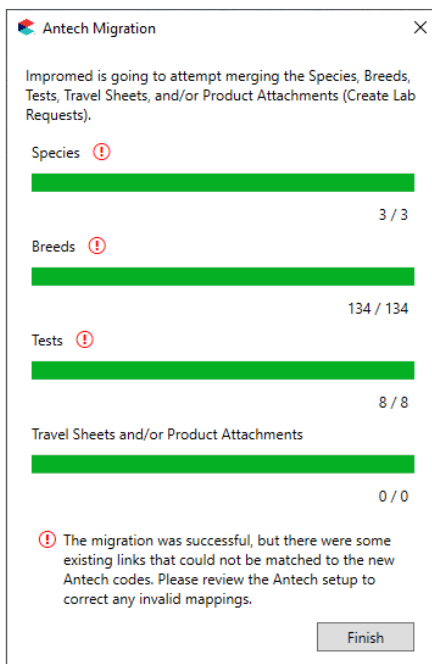
To begin, please verify the following credentials and click Validate.

Once credentials are successfully validated, please click Download Lists to proceed.

Credentials



Antech ID	Username
<input type="text" value="12345"/>	<input type="text" value="test"/>
Clinic ID	Password
<input type="text" value="12345"/>	<input type="password" value="****"/>



5. Click **Validate** to verify the credentials for your business are correct.
6. When credentials have been validated, click **Download Lists**. A screen will appear with the number of Species, Breeds, and Tests that migrated.






Antech Migration


Impromed is going to attempt merging the Species, Breeds, Tests, Travel Sheets, and/or Product Attachments (Create Lab Requests).

Species 

3 / 3

Breeds 

134 / 134

Tests 

8 / 8

Travel Sheets and/or Product Attachments

0 / 0

 The migration was successful, but there were some existing links that could not be matched to the new Antech codes. Please review the Antech setup to correct any invalid mappings.

7. Click **Finish**. The Setup screen will open to verify the mapping is correct, especially for Tests.

Antech Setup

The steps below will describe the setup screens for Antech. The setup page is displayed and saved per business and consists of five tabs: "Settings" | "Species" | "Breeds" | "Genders" | "Tests". Each tab will be described below.

- To begin, click  > **Setup** > **Lab Integrations** > **Antech**.

Settings

- Check the option to **Enable Antech**.
Note: This will be enabled if the business previously used Antech and migrated their data.
- Enter your Antech **Credentials: Clinic ID, Username, Password, and Antech ID**.



If the option is not enabled, the Credential fields will be disabled.

If the credentials are not valid, contact Antech.

- Click **Validate** to verify the credentials are correct.
- When the credentials have been validated, click the **Download** button to pull the latest lab lists from Antech (species, breeds, genders, and tests,). This button is available on all tabs.



Impromed will attempt to match items from Species, Breeds, and Genders when the lists are downloaded.

Species

The Species tab is where you map the Impromed species with the Antech species.

Species	Antech Species
(None)	
Avian	
Bovine	
Canine	Canine
Equine	
Feline	Feline
Mustelid	
Other	Bovine
Reptile	

Breeds

On the Breeds tab, map the Impromed breeds with the Antech breeds.

Species	Breeds	Antech Breeds
Canine	(None)	
Canine	Affenpinscher	Affenpinscher
Canine	Afghan Hound	Afghan Hound
Canine	Afghan Hound Mix	
Canine	African Lion Hound	
Canine	Airedale Terrier	Airedale Terrier
Canine	Airedale Terrier Mix	
Canine	Akbash	
Canine	Akita	Akita
Canine	Akita Mix	
Canine	Alaskan Husky Mix	
Canine	Alaskan Malamute	Alaskan Malamute
Canine	Alaskan Malamute Mix	

Genders

The Genders tab is where you map the Impromed genders with the Antech genders.

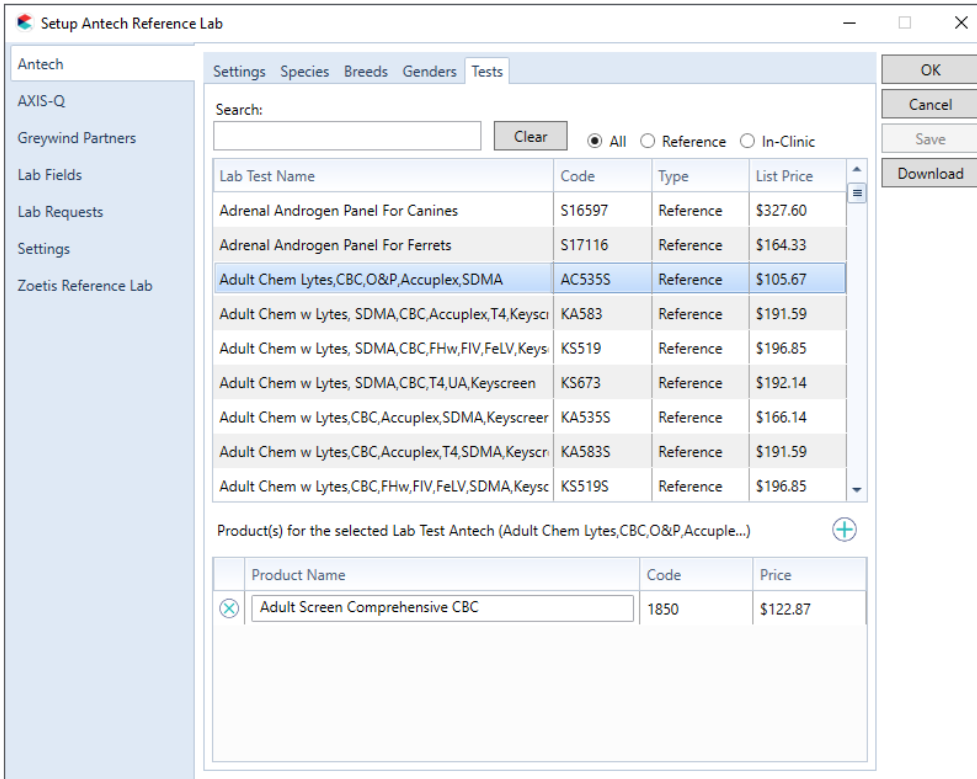
Gender	Antech Gender
?	
F	Female
FI	Female
FS	Spayed female
G	Castrated male
M	Male
MF	
MN	Castrated male
MR	
S	Spayed female

Tests

On the Tests tab, map the Impromed products to the Antech tests. Impromed products mapped to Antech will be the products that appear for selection when creating the Antech travel sheet and product attachments.



Code List

- **Search** - Allows the operator to search by Antech test criteria which filters the table as they type.
- **Antech Test Name** - Test name provided by Antech. You can filter Antech tests to show **All** tests, **Reference** only, or **In Clinic**.
- **Code** - Code associated to the test provided by Antech.
- **List Price** - The list price associated with the test code provided by Antech.




Linking Products

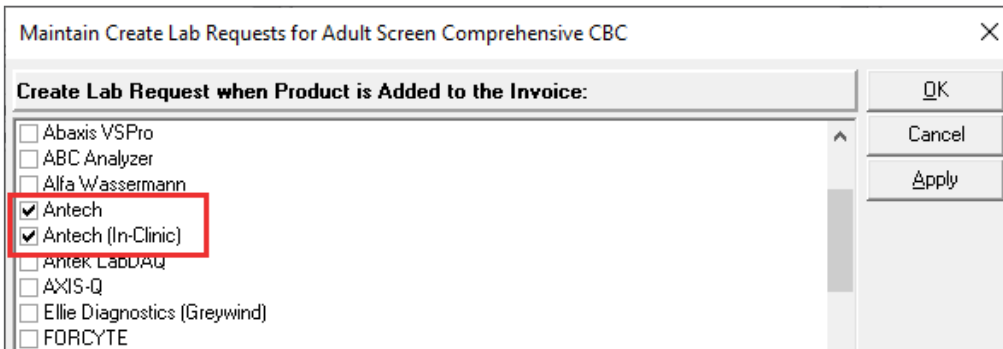
By selecting a test code in the Tests table, the operator is able to use the product grid below the table to add or remove product links.

-  **Add** - Clicking the **Add** button will add a new row to the bottom of the Product link grid. Search for an Improved product to link to the selected Antech test.
-  **Remove** - Click to remove a product link/row.
- **Product Name** - This is the name of the product in Improved.
- **Code** - This is the product code associated to the product in Improved.
- **Price** - This is the general or base price of the product in Improved.
 - ◇ Now that the Antech price is displayed, the operator can compare it to the product price and adjust pricing as needed for markup purposes.
 - ◇ Antech pricing would be updated anytime a new list is retrieved.

Setup Product Attachments

Setup products to create an Antech lab request using Product Attachments.

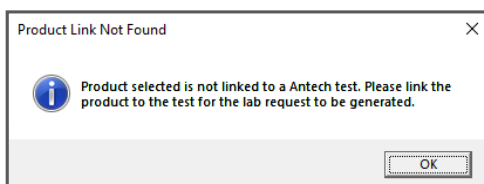
1. Click  > **Setup** > **Products** > **Product Attachments**.
2. Choose a product.
3. Click the **Attachment Type** drop-down menu.
4. Choose **Create Lab Requests**.
5. The request will be made **When** the Product is **Added to the Invoice**.
6. Click **Maintain**. The Maintain Create Lab Requests for [product] dialog box opens.



7. Select **Antech** and/or **Antech (In-Clinic)**, if *In-Clinic* analyzers were configured.




If the product selected is not linked to Antech, the following error will appear:

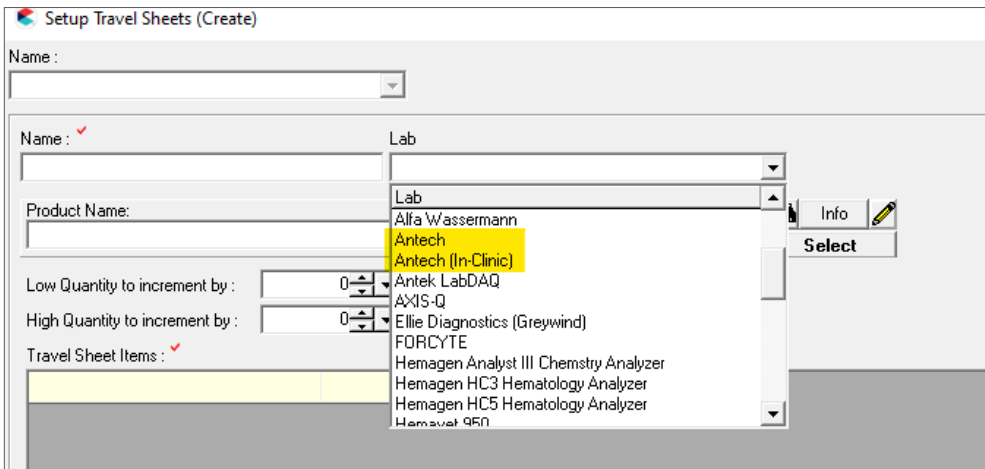


8. Click **OK**.
9. Repeat the steps to attach additional products to the Antech.

Travel Sheet Setup for Antech

For Antech labs, you can create a travel sheet for reference lab requisitions or in-clinic labs. Follow the steps below to create a travel sheet for Antech tests.

1. Click  > **Setup** > **Travel Sheets**. The Setup Travel Sheets window opens.
2. Click **Create** under **Mode**.
3. Enter the **Name** for the travel sheet.
4. Under **Lab**, select **Antech** or **Antech (In-Clinic)**.



Antech (In-Clinic) requires analyzers to be properly configured by Antech / Heska® for this to work. Until then, In-Clinic is not recommended to be created.

5. From the **Product Name**, **Code**, or **BarCode**, click **Select** for the product to be placed on the travel sheet.

Note: The products in the drop-down list are products linked to a lab code from "[Linking Products](#)".

Setup Travel Sheets (Edit)

Name : ANTECH

Name : ANTECH Lab: Antech

Product Name: Code: BarCode: Info

Name	Code	BarCode	Unit of Measure	Price (qty=1)
Adult Screen Comprehensive CBC	1850	1850	Each	\$ 122.87
Biopsy - Muscle or Bone	SM1305	SM1305	Each	\$ 66.13
BUN (Chemistry Analyzer)	L624	L624	Each	\$ 26.45
CBC & Differential	L628	L628	Each	\$ 51.58
Creatinine	L640	L640	Each	\$ 26.45
Senior Screen Comprehensive CBC	865	865	Each	\$ 129.34

6. Click **Add to Sheet** then repeat the steps to add additional products.
7. Click **Apply** to save changes. Click **OK** to save changes and close Setup Travel Sheets.

Antech IULR Setup

Antech is a lab service in the Impromed Universal Lab Reader.

1. From the Windows® **Start** menu, go to the **Impromed Universal Lab Reader** folder > **Configure ULR**.

Setup Universal Lab Reader v23.11.2.59

File Options

Working Folder (not a Network Path): C:\Labs

SQL Server: MO2655\IMPROMED

Database Name: CVET_Impromed

Lab Services:

Antech	Add Lab Service
	Edit Lab Service
	Delete Lab Service

Running

2. Verify the **Working Folder**, **SQL Server**, and **Database Name** have been configured. If not, those fields need to be filled in before proceeding.
3. Click **Add Lab Service**.

4. Select **Antech** from the **Service Type** drop-down list.
5. Select the **Practice**.
6. Select the **Download Frequency**.
7. The Antech credentials will auto-populate based on the credentials entered in Impromed.
8. Check the option to **Include Partial Results**, if preferred.
9. Click **OK** to save changes.



The Antech service will only be compatible with an Impromed (database) version that has the Antech integration.

If you attempt to add the service to a database that does not contain the appropriate Antech schema in the database, you will be given a message stating that the service cannot be added to the IULR due to incompatibility with the version you are on.

Antech Workflow for Ordering Labs


Lab ordering can be done from invoicing through Product Attachments or the Travel Sheet. Lab tests can also be ordered directly from the Antech HealthTracks portal within Impromed. All three options are covered below.



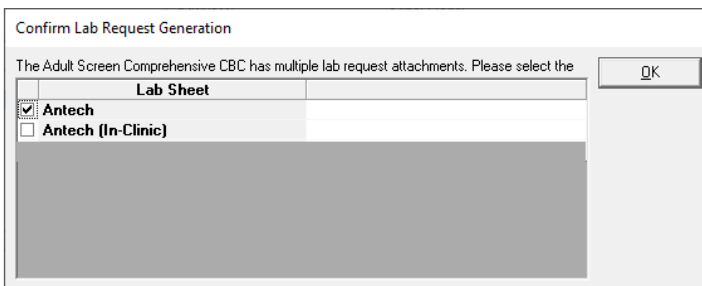
A pathology test can be the only test on a lab order for Antech. Operators will need to create a separate order for other tests.

Product Attachment Workflow

If a product has a create lab request attachment for Antech, you are able to order through invoicing. If you have not created product attachments to create lab requests, follow the steps under "[Antech IULR Setup](#)" on page 12.

1. Click  > **Modules > Invoices**.
2. Select the patient.
3. Add the products with product attachments to create Antech Lab Requests.


If a product has an attachment for more than one lab, a confirmation prompt will appear for the operator to select which lab the request should be sent to.

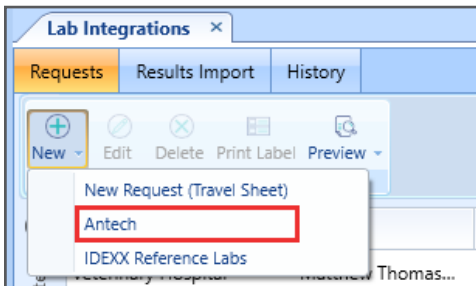


4. Conclude the invoice.
5. **Antech HealthTracks** opens.
 - a. Click to submit samples, if required.
 - b. Scroll down the **Cart** panel and click on **Place Order**.
 - c. The request will appear which you can download or print.

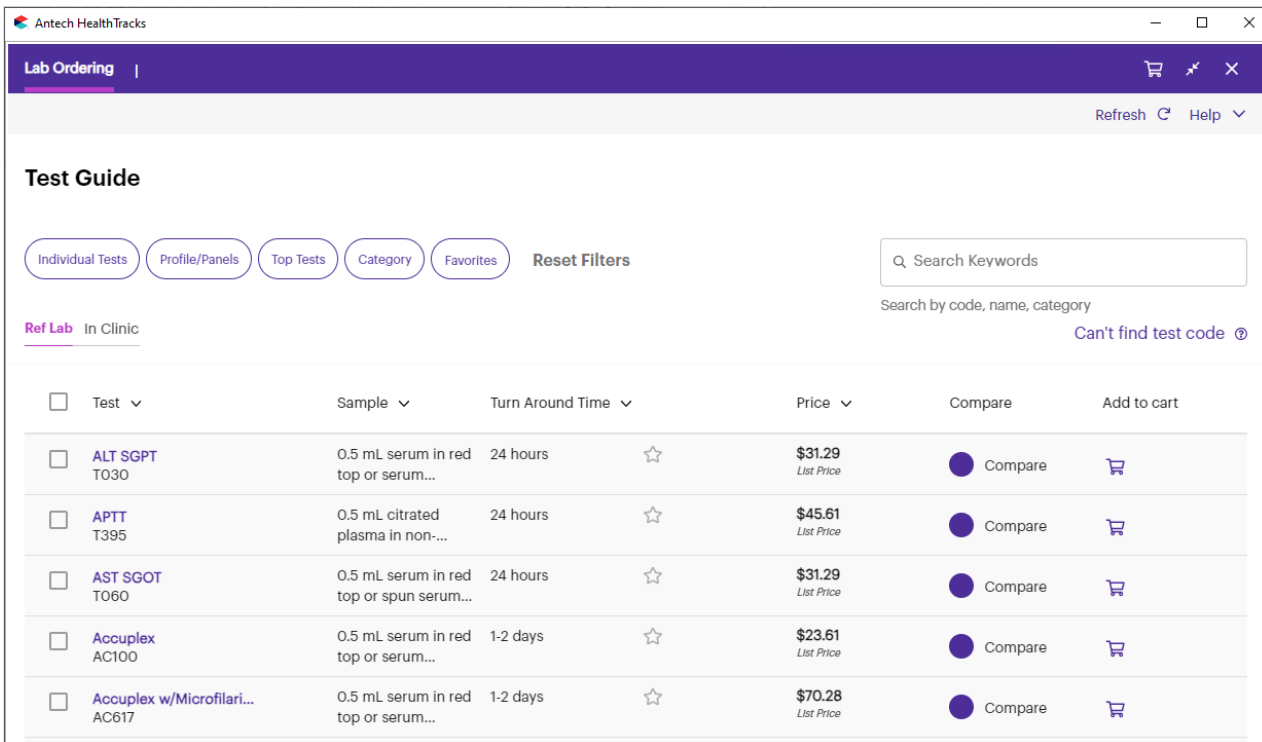
Ordering through HealthTracks

Lab ordering can be done directly through Antech HealthTracks.

1. Click  > **Modules** > **Lab Integrations**.
2. From the **Requests** tab, click **New** and select **Antech**.





3. The **New Lab Request** appears. Verify the **Client**, **Patient**, and **Provider** are correct.
4. Link the lab to **SOAP**, **Case Number**, and/or **Problem**, if desired.
5. Click **OK**. Antech HealthTracks will open.

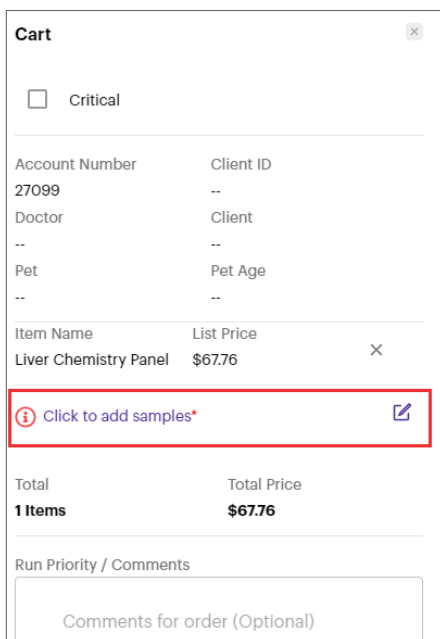


6. Locate the test(s) you want to order.
 - ◇ Narrow the search by clicking if the test is a **Ref Lab** or **In Clinic***.



*In Clinic is only visible if the business uses Antech Analyzers such as Heska.

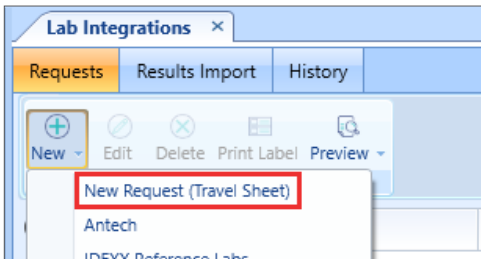
- ◇ Use the **Search Keywords** field to help locate tests.
7. Click on the **shopping cart** icon () to add a test to the **Cart**.
8. When all tests have been added to the cart, click on the **Lab Orders Cart** (), located at the top right of the screen, to place the order. The **Cart** panel opens.
9. If samples are required, click the link to add samples.



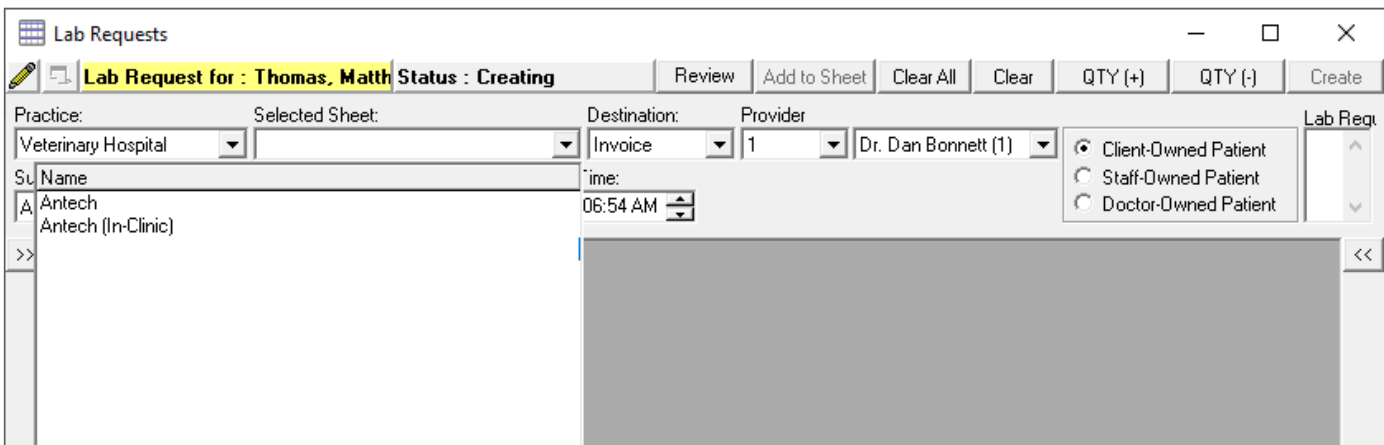
10. Scroll down to the bottom of the panel and click **Place Order**.
11. The Antech requisition will appear with the options to close, download, and print.
12. When the order has been placed successfully, the tests are placed on the invoice.

Lab Integrations (Travel Sheet) Workflow

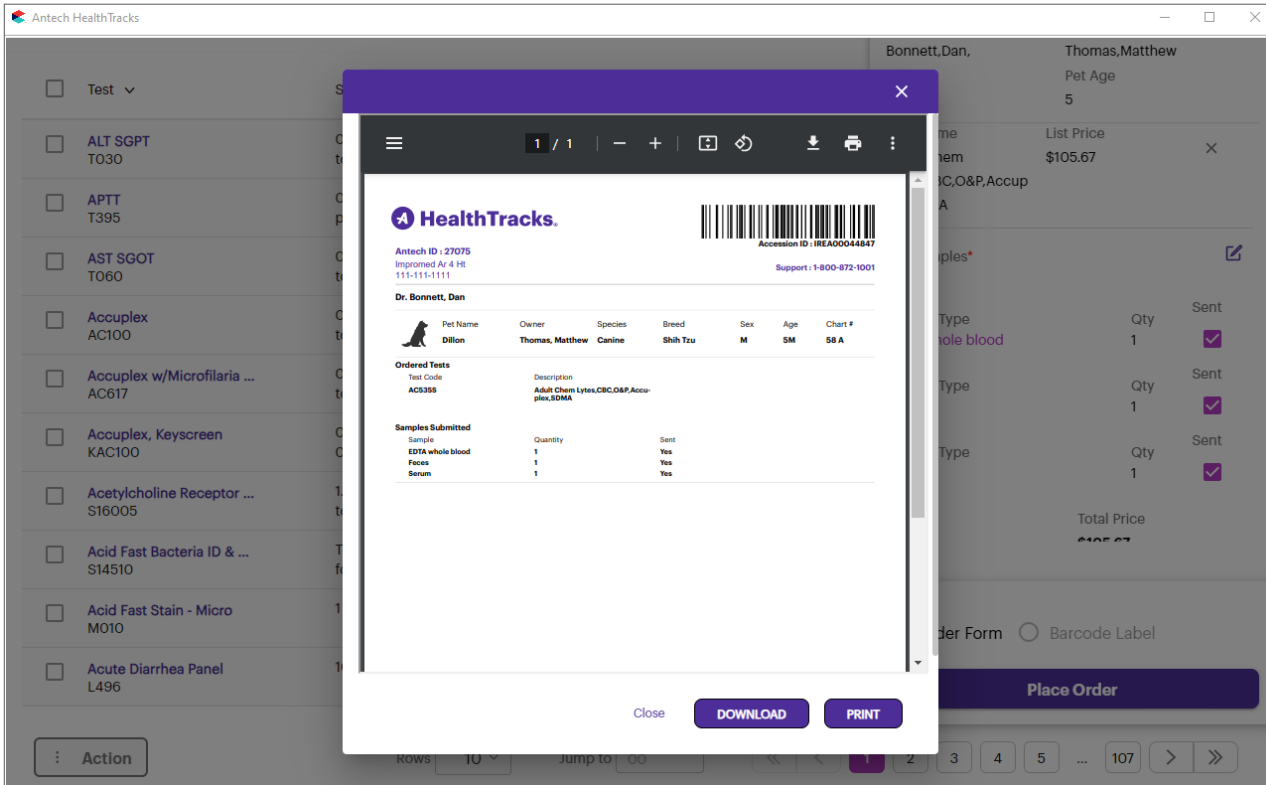
1. Click  > **Modules** > **Lab Integrations**.
2. From the Lab Integrations module, click the **New** button and choose **New Request (Travel Sheet)**.



3. On the Lab Requests screen, select the **Antech** or **Antech (In-Clinic)** travel sheet you had previously created. If you have not created an Antech travel sheet, refer to "[Travel Sheet Setup for Antech](#)" on [page 11](#).



4. Verify the other fields have been filled in correctly.
5. After the order is sent successfully, the order will be presented, allowing the business to download a copy or print the requisition.




A copy of the order is not received within Impromed. To view the sent order or reprint it, launch the HealthTracks portal > Lab Ordering > click the three dots to the right of the order and choose to download or print the order.

This is where the order can be cancelled in Antech. The order cannot be cancelled from Antech to Impromed. The operator will also need to cancel/delete the order in Impromed.

Antech Lab Results

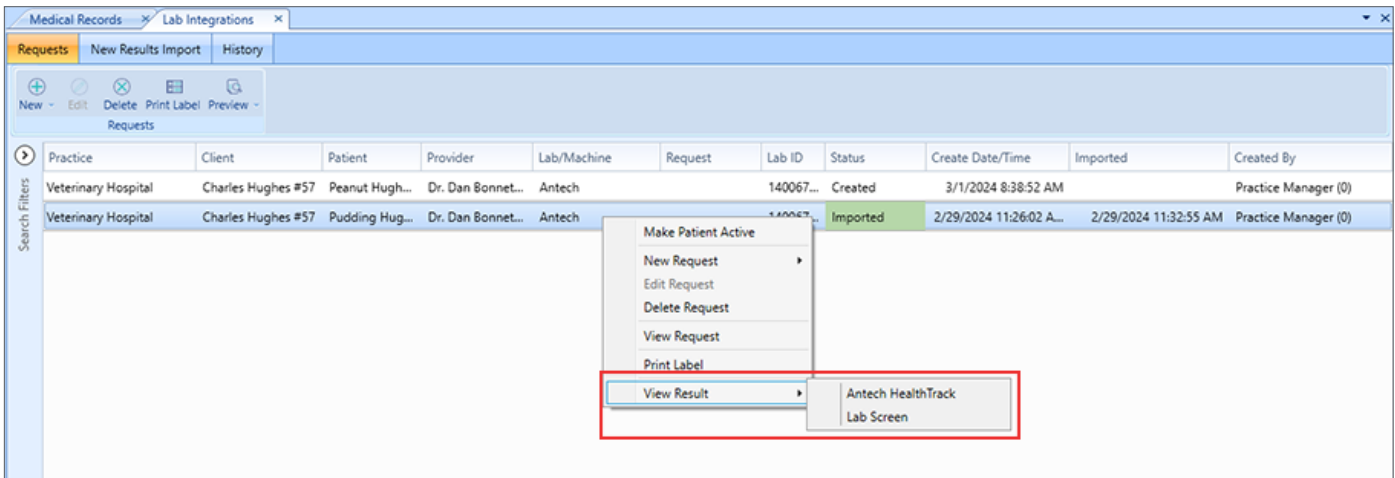
Imported Antech lab results can be viewed from the Lab Integrations module or from the patient's medical record. Authorized operators can also launch Antech HealthTracks right from Impromed. If the client/patient matches what is in Antech, they will be directed to their latest lab results. If the client/patient does not match, they will be directed to the clinic page.

Lab Integrations

1. Click  > **Modules** > **Lab Integrations**.
2. To view a lab result, **right-click** on the imported lab > **View Result** > choose from **Antech HealthTracks** or **Lab Screen**.



The options to view results via Antech HealthTracks or Lab Screen are also available from the Preview button on the Requests tab.



Antech HealthTracks

Antech HealthTracks may provide multiple ways to view the results. In the image below, the view is filtered by **Superchem w/SDMA**. The option to **View All** is also available.

The screenshot shows the Antech HealthTracks interface for a patient named Pudding, a 2-year-old female Labrador Retriever. The lab results are for Superchem w/SDMA, performed on February 29, 2024. The results are as follows:

Test Requested	Result	Reference Interval	Visual Ref. Interval
MAGNESIUM	2.5 mEq/L	1.5 - 2.5	Visual indicator: Green bar, dot at 2.5
SODIUM	149 mEq/L	139 - 154	Visual indicator: Green bar, dot at 149
POTASSIUM	4.5 mEq/L	3.6 - 5.5	Visual indicator: Green bar, dot at 4.5
NA/K RATIO	33	27 - 38	Visual indicator: Green bar, dot at 33
CHLORIDE	108 mEq/L	102 - 120	Visual indicator: Green bar, dot at 108

Lab Screen

Below is a sample view of a lab screen.

The screenshot shows a 'Dynamic Lab Screen' window for a patient named Pudding. The lab results are for Superchem w/SDMA, Acid Fast Stain - Micro, and Add-On CBC, performed on 02/29/2024 at 11:32 AM. The results are as follows:

Test	Result	Reference Interval
GGT	1-12	5-100 IU/L
SDMA	<14.0	UG/dL
Alk Phosphatase	5-131	2-1000 IU/L
TRIGLYCERIDE	29-291	2-1000 mg/dL
AMYLASE	290-1125	25-7500 IU/L
ALBUMIN	2.7-4.4	0-8 g/dL

Medical Records

From a patient's medical record with an imported Antech lab result, simply click on the lab to view the lab screen.

The screenshot shows a web interface for 'Medical Records' with a 'Lab Integrations' tab. A navigation bar includes buttons for 'All', 'SOAP', 'Form', 'Dx', 'Problem', 'Image', 'Lab', 'Link', 'Note', 'Surgery', 'Invoice', 'Messages', 'Dr. Dan', and 'DICOM'. Below this is a 'Note' dropdown and buttons for 'Add Item', 'Charts', 'Sheets', 'Print', and 'DICOM Browser'. The main content area displays 'Pudding Hughes: Records 27 of 27' on 'Page 1 of 1'. A table lists three lab results:

Date	Lab Screen	Superchem w/SDMA,Acid Fast Stain - Micro,Add-On CBC	Provider: 1 Dr. Dan Bonnett DVM
02/29/2024	Current Invoice	EM010 E Acid Fast Stain	Provider: 1 Dr. Dan Bonnett DVM
	Current Invoice	1850 Adult Screen Comprehensive CBC	Provider: 1 Dr. Dan Bonnett DVM

To view the results in **Antech HealthTracks**, click the button on the lab screen.

The screenshot shows the 'Antech HealthTracks' lab results screen. At the top, there is a navigation bar with buttons for 'All', 'SOAP', 'Form', 'Dx', 'Problem', 'Image', 'Lab', 'Link', 'Note', 'Surgery', 'Invoice', 'Messages', 'Dr. Dan', and 'DICOM'. Below this is a 'Note' dropdown and buttons for 'Add Item', 'Charts', 'Sheets', 'Print', and 'DICOM Browser'. The main content area displays 'Lab Results:' and a red box highlights the 'Antech HealthTracks' button. The lab title is 'Superchem w/SDMA,Acid Fast Stain - Micro,Add-On CBC' with a 'Date Performed: 02/29/2024 11:32 AM'. Below this is 'Patient Info:' including ID: 57 A, Name: Pudding, Owner: Charles Hughes, Provider: 1, Species: Canine, Breed: Labrador Retriever, Birthdate: 07/12/2021, Sex: F, and Clinic: Veterinary Hospital, 1234 County Road A, Oshkosh, WI 54904. There is an 'Attachments (PDF)' section and a table of lab results:


Lab Result	Value	Reference Range
GGT	1-12	5-100 IU/L
SDMA	<14.0	UG/dL
Alk Phosphatase	5-131	2-1000 IU/L
TRIGLYCERIDE	29-291	2-1000 mg/dL
AMYLASE	290-1125	25-7500 IU/L

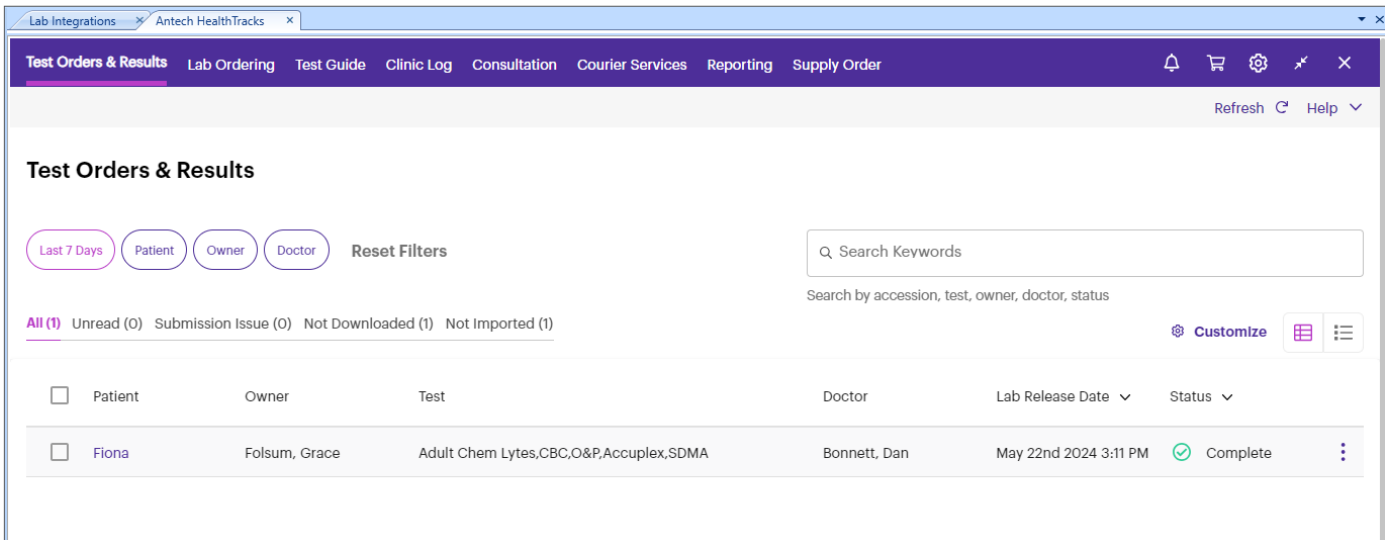
At the bottom, there are tabs for 'Problems and Diagnosis', 'History', and 'Lab Screen'.

Antech HealthTracks Module


As mentioned previously, Antech HealthTracks can be launched from the Lab Integrations module to create orders and you can launch HealthTracks from Medical Records when viewing lab results. In addition to those areas of Improved, you can launch Antech HealthTracks as a module and you can add the Antech HealthTracks button to the Ribbon so you can easily launch the portal from within Improved.

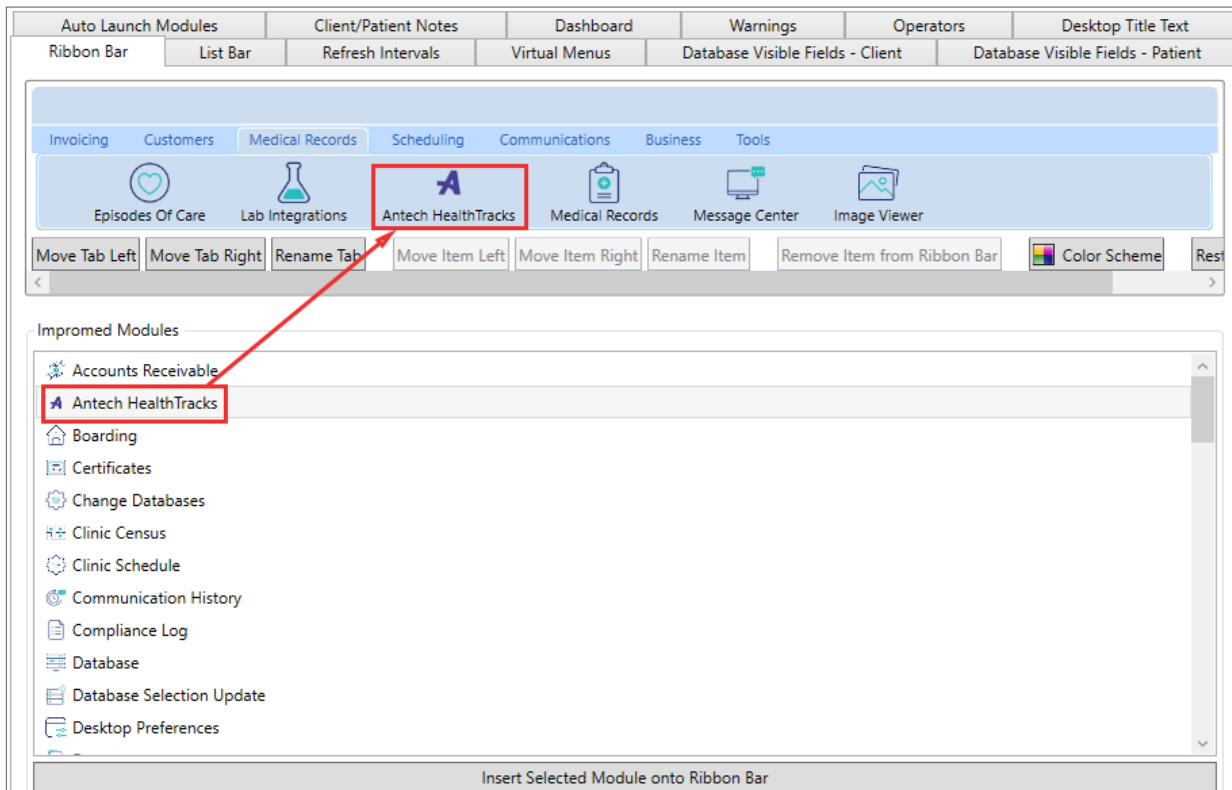
Antech HealthTracks Module

1. Click  > **Modules > Antech HealthTracks.**
2. Antech HealthTracks will open like other Improved modules.



Customize the Ribbon


1. Click  > **File > Desktop Preferences.**
2. On the **Ribbon Bar** tab, click on the tab on the Ribbon to add the Antech HealthTracks button.
3. From the list of **Impromed Modules**, click and drag **Antech HealthTracks** to where you want the button to appear on the Ribbon.

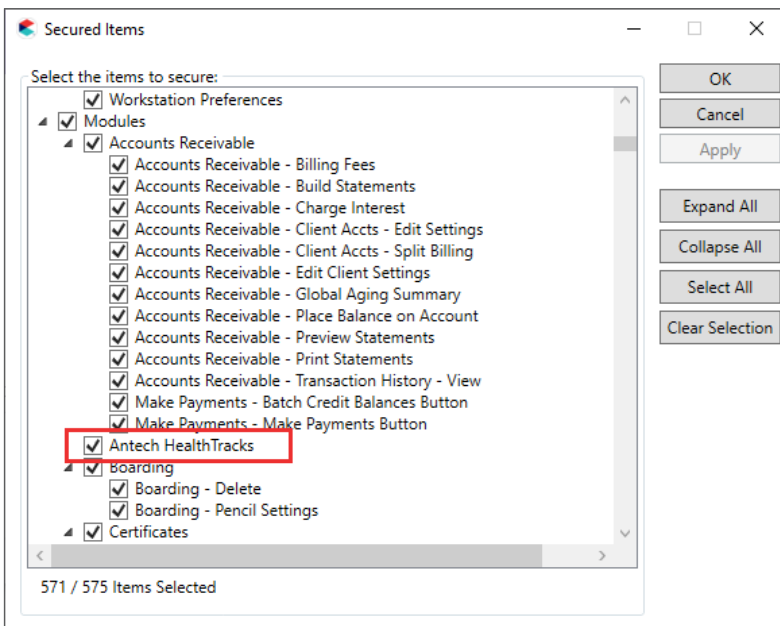


Secure Antech HealthTracks

To restrict employees from opening the Antech HealthTracks, you will need to go into Secured Items and Security.

Secured Items


1. Click  > **Setup** > **Secured Items**.
2. Under **Modules**, check **Antech HealthTracks** to be able to secure access.

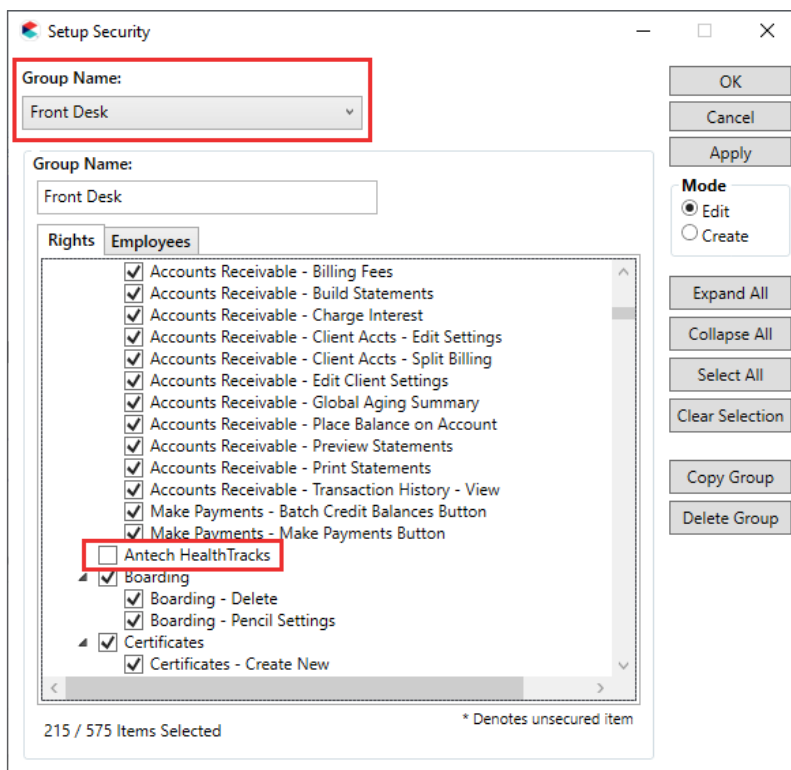


3. Click **OK** to save changes.

Security

Next, you will need to go into **Security** and make the module secure based on employees selected or employee groups.

1. Click  > **Setup** > **Security**.
2. Under **Modules**, uncheck Antech HealthTracks if the module should not be accessed by the **Group Name** or **Employees** selected.



3. Click **OK** to save changes.