



Ellie Diagnostics



IMPROMED®

TABLE OF CONTENTS

Overview	3
Setup	3
Settings Tab.....	3
Species Tab.....	4
Genders Tab.....	5
Tests Tab.....	6
Providers Tab	7
Employee Setup	8
Setup Product Attachments	9
Travel Sheet Setup	10
IULR Configuration	11
Configure the Lab Reader.....	11
Add Lab Service.....	12
Lab Requisition Workflow	13
Product Attachment Workflow.....	13
Lab Integrations (Travel Sheet) Workflow.....	13
Broken Product Link.....	14

Overview

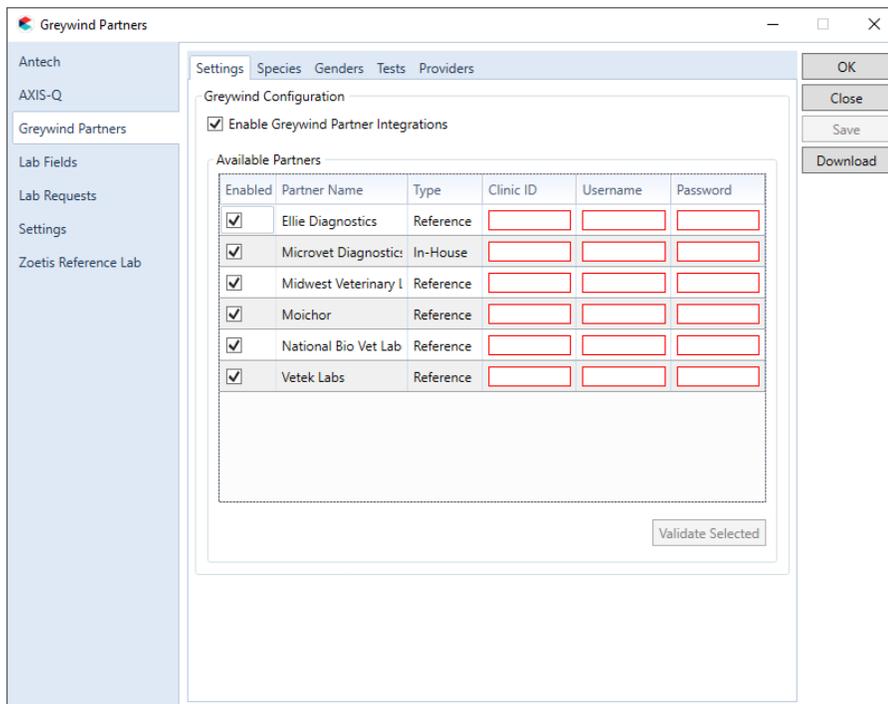
Impromed integrates with **Ellie Diagnostics** to provide the lab workflow from requisitioning to results.

Setup

The steps below will go through the process to enable the use of the Ellie Diagnostics integration. You will need your credentials for Ellie Diagnostics.

Settings Tab

1. Click  > **Setup** > **Lab Integrations** > **Greywind Partners**.
2. Check the box to **Enable Greywind Partner Integrations**.
3. Check the box to enable the **Ellie Diagnostics** integration.



Enabled	Partner Name	Type	Clinic ID	Username	Password
<input checked="" type="checkbox"/>	Ellie Diagnostics	Reference	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Microvet Diagnostics	In-House	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Midwest Veterinary I	Reference	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Moichor	Reference	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	National Bio Vet Lab	Reference	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Vetek Labs	Reference	<input type="text"/>	<input type="text"/>	<input type="text"/>

4. Enter the credentials provided to you by Ellie Diagnostics.
5. Click the **Validate Selected** button. If the credentials entered could not be validated, contact Ellie Diagnostics to verify your credentials.

6. After validation has been confirmed, click **Download** to map the Species, Genders, Tests available, and Providers.



When Greywind Partner is checked, the Clinic ID, Username, and Password fields will be outlined in red to indicate required fields.

Species Tab

1. On the **Species** tab select **Ellie Diagnostics** from the Greywind Partners drop-down list to map the Species.
2. After the **Download** button is clicked, the mapping of Species may be done automatically. However, if some species did not get mapped or not mapped correctly, select the species from the Lab Species drop-down list.

Species	Lab Species
Avian	Avian
Bovine	Bovine
Canine	Canine
Equine	Equine
Feline	Feline
Mustelid	
Other	Other
Reptile	Reptile

Genders Tab

On the Genders tab, map the Improved genders to Ellie Diagnostics' genders.

1. On the **Genders** tab, select **Ellie Diagnostics** as the **Greywind Partner**.

If the Download button was clicked, most of the genders should populate. However, this is an opportunity to map genders that weren't downloaded or map those that may have been mapped incorrectly.

2. Click **Save** to save changes.

The screenshot shows the 'Greywind Partners' application window with the 'Genders' tab selected. The interface includes a left sidebar with navigation options: Antech, AXIS-Q, Greywind Partners, Lab Fields, Lab Requests, Settings, and Zoetis Reference Lab. The main area has tabs for Settings, Species, Genders, Tests, and Providers. A dropdown menu for 'Greywind Partner' is open, showing options: Ellie Diagnostics (highlighted), Microvet Diagnostics, Midwest Veterinary Laboratory, Moichor, National Bio Vet Laboratory, and Vetek Labs. Below this, a table lists various gender codes and their corresponding 'Lab Gender' values:

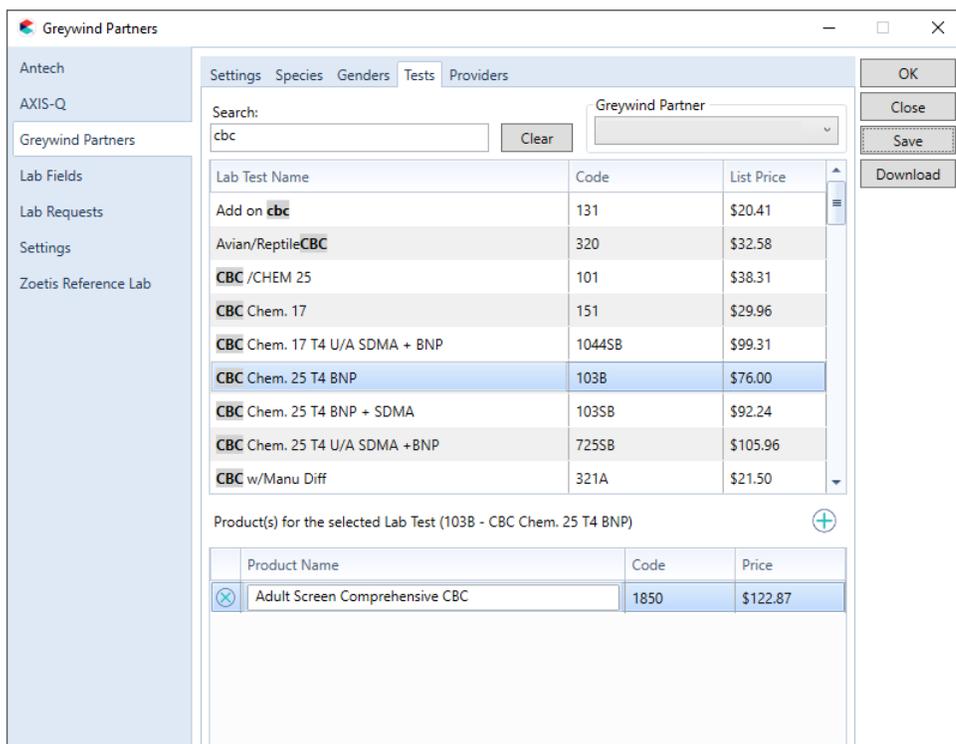
Code	Lab Gender
FS	
G	
M	Male
MF	
MN	
MR	
S	Spayed

On the right side of the window, there are buttons for OK, Close, Save, and Download.

Tests Tab

To send lab requests to Ellie Diagnostics, you must map the lab tests from Ellie Diagnostics to an Impromed product. After doing so, you can add those products to a travel sheet to submit a lab requisition or you can associate the mapped products using Product Attachments to create lab requests when those products are added to an invoice.

1. On the **Tests** tab, select **Ellie Diagnostics** as the **Greywind Partner**.
2. On the **Lab Test Name** table, select a partner lab test.
3. Below the table, click the **Add** button (). This adds the **Product Name**, **Code**, and **Price** fields to select the Impromed product to match with Ellie Diagnostics' lab test.



Greywind Partners

Antech
AXIS-Q
Greywind Partners
Lab Fields
Lab Requests
Settings
Zoetis Reference Lab

Settings Species Genders Tests Providers

Search: Clear Greywind Partner

Lab Test Name	Code	List Price
Add on cbc	131	\$20.41
Avian/ReptileCBC	320	\$32.58
CBC /CHEM 25	101	\$38.31
CBC Chem. 17	151	\$29.96
CBC Chem. 17 T4 U/A SDMA + BNP	1044SB	\$99.31
CBC Chem. 25 T4 BNP	103B	\$76.00
CBC Chem. 25 T4 BNP + SDMA	103SB	\$92.24
CBC Chem. 25 T4 U/A SDMA +BNP	725SB	\$105.96
CBC w/Manu Diff	321A	\$21.50

Product(s) for the selected Lab Test (103B - CBC Chem. 25 T4 BNP) 

Product Name	Code	Price
 Adult Screen Comprehensive CBC	1850	\$122.87

OK
Close
Save
Download

4. In the **Product Name** field, enter the name of the Impromed product to match Ellie Diagnostics' test.
5. If an Impromed product was added in error, click the **Remove** button () to remove the product.
6. Click **Save**.

Providers Tab

On the Providers tab, map the Employee / Provider to the Lab Provider for Ellie Diagnostics. If an employee is not listed as a provider, they may need to be setup as a provider in ["Employee Setup" on page 8](#).

1. On the **Providers** tab, select **Ellie Diagnostics** as the **Greywind Partner**.

After clicking the **Download** button, the mapping of providers may be done automatically. However, if some providers did not get mapped or not mapped correctly, select the provider from the Lab Provider drop-down list.

2. Under **Lab Provider**, select the employee associated with the **Employee / Provider** in Impromed.
3. Click **Save**.

The screenshot shows a web application window titled "Greywind Partners". On the left is a navigation menu with items: Antech, AXIS-Q, Greywind Partners (selected), Lab Fields, Lab Requests, Settings, and Zoetis Reference Lab. The main content area has tabs for Settings, Species, Genders, Tests, and Providers (selected). Below the tabs is a search bar with a "Clear" button and a dropdown menu currently showing "Greywind Partner". Below the search bar is a table with two columns: "Employee / Provider" and "Lab Provider".

Employee / Provider	Lab Provider
Dr. Dan Bonnett (1)	Dan Bonnett (1400007009)
Dr. J Moore (7)	J Moore (1400007030)
Dr. Lisa Lanzo (2)	Lisa Lanzo (1400007014)
Practice Manager (0)	Practice Manager (1400007029)

On the right side of the interface are buttons for OK, Close, Save, and Download.

Employee Setup

If an employee does not have the rights to submit lab requests, go into **Setup Employees** and give them rights to be a provider of **Lab Screens**.

1. Click  > **Setup** > **Employees** > **Employees**.
2. Select the employee.
3. Click on the **Medical Records** tab.
4. Check **Lab Screens**.
5. Click **Apply**.

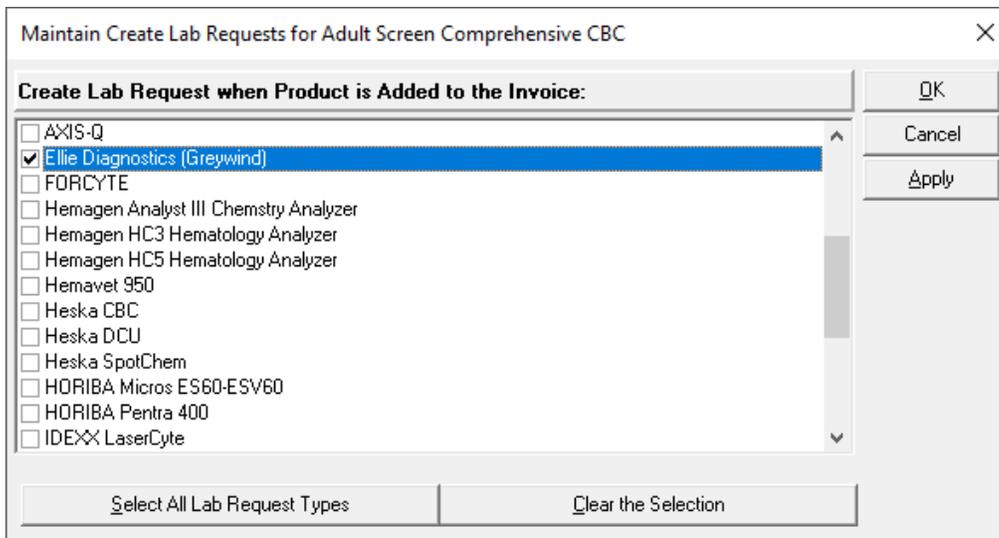


The screenshot shows a software window for setting up an employee. At the top, there is a 'Name' dropdown menu with 'Dr. Dan Bonnett (1)' selected. Below this are several tabs: 'General', 'Addresses/Phone/Licenses/Custom', 'Images', 'Medical Records', 'Security', and 'Desktops'. The 'Medical Records' tab is active. The main area contains the instruction 'Please select the type(s) of Medical Records that this employee may be the provider of' followed by a list of checkboxes: Notes, Diagnosis, Images, Cases, Problems, Surgeries, Radiographs, Lab Screens, Electronic Forms, and SOAP. The 'Lab Screens' checkbox is highlighted with a red rectangular box. On the right side of the window, there are buttons for 'OK', 'Cancel', 'Apply', 'Mode' (with 'Edit' selected and 'Create' unselected), 'Copy', 'Delete', 'Change Password', and 'Print Passwords'.

Setup Product Attachments

Follow the steps below to setup product attachments for Ellie Diagnostics. Doing so will enable operators to add those products to an invoice which will then generate a lab request to Ellie Diagnostics.

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. Check the box for **Ellie Diagnostics.**



- If Ellie Diagnostics is not showing on the Maintain Create Lab list, you need to return to Greywind Setup to enable Ellie Diagnostics.
- If products were not linked from Ellie Diagnostics lab tests to Improved products, a warning will display. You will need to return to Greywind Setup - Tests tab to link products.

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

Travel Sheet Setup

This topic presents the steps to create a travel sheet for **Ellie Diagnostics**.



If you did not link Ellie Diagnostics lab tests to Impromed products, you will not be able to create a travel sheet.

To create a travel sheet for Ellie Diagnostics:

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 **Ellie Diagnostics** from the drop-down list.



If Ellie Diagnostics is not showing on the Lab list, you need to return to Greywind Setup to enable the Ellie Diagnostics.

If products were not mapped from Ellie Diagnostics lab tests to Impromed products, a warning will display. You will need to return to Greywind Setup > Tests tab to map (link) products.

5. From the **Product Name**, **Code**, or **BarCode**, select the product for the Ellie Diagnostics lab test.
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.

IULR Configuration

To receive lab results from Ellie Diagnostics, it is necessary to configure the Improved Universal Lab Reader (IULR).

To configure the IULR, follow the steps below. If Ellie Diagnostics does not appear in the IULR configuration, you will need to enable the partner in Greywind Partners setup.

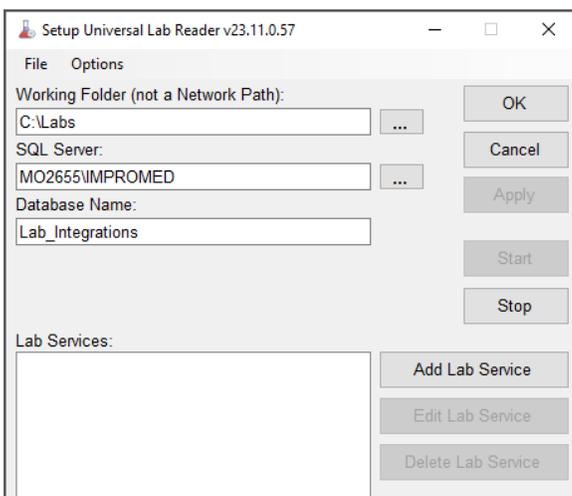
Configure the Lab Reader

1. Click **Start > [All] Programs > Improved Universal Lab Services > Configure ULR.**
2. Click  for the **Working Folder** location.



The Working Folder must be a local folder and does NOT need to be shared.

3. Select the **C:\Labs** folder.
4. Click **OK**.
5. Enter the **SQL Server** (i.e. pdc1\Impromed - **Note:** this is an Impromed standard naming convention. Your server name may vary).
6. Click  to connect to the SQL Server.
7. Select the **Database Name** (i.e. Impromed).



8. Click **Apply**.

Add Lab Service

Once the IULR has been configured, now add the Ellie Diagnostics lab service.

1. In the Setup Universal Lab Reader, click **Add Lab Service**.
2. From the **Service Type** drop-down list, select **Greywind Partners**.
3. Select the **Practice** from the drop-down list.
4. Configure the Download Settings (**Download Frequency** and **Include Partial Results**).
5. Review the **Enabled Partners**. If a partner is not listed, you need to go to Greywind Partners setup page 3 and enable the partner.

Settings

Service Type:
Greywind Partners

Practice:
Veterinary Hospital

Greywind Download Settings
Download Frequency
30 minutes Include Partial Results

Enabled Partners

Partner Name	Type	Clinic ID
Ellie Diagnostics	Reference	1701
Microvet Diagnostics	In-House	MVJP2x3

OK Cancel

Lab Requisition Workflow

This topic covers both ordering labs from the Travel Sheet and Invoicing through Product Attachments.

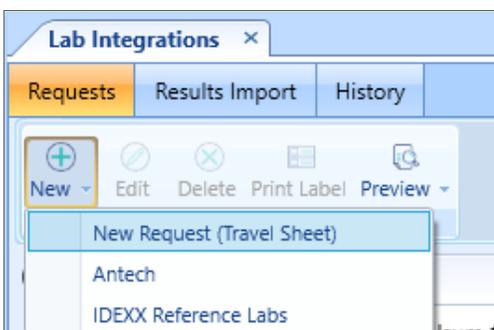
Product Attachment Workflow

If a product has a create lab request attachment for a Greywind Partner, you are able to order through Invoicing. If you have not created product attachments to create lab requests, follow the steps below the "[Setup Product Attachments](#)" on page 9.

1. Click  > **Modules > Invoices**.
2. Select the patient.
3. Add the products attached to Ellie Diagnostics Lab Requests.
4. Conclude the invoice.

Lab Integrations (Travel Sheet) Workflow

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



3. On the Lab Requests screen, select the **Ellie Diagnostics** sheet you created. If you have not created a Ellie Diagnostics travel sheet, refer to the "[Setup Product Attachments](#)" on page 9.
4. Verify the other fields have been filled in correctly.



If the Provider selected on the travel sheet is not linked to Ellie Diagnostics, a prompt will appear to select the Provider.

Select Midwest Veterinary Laboratory (Greywind) Provider

Midwest Veterinary Laboratory (Greywind)

Dan Buller (1048)

OK

Cancel

5. After the order is sent successfully, a PDF will be presented, allowing the business to print/save. The request can be viewed by double-clicking on the Requests tab.

Broken Product Link

In the event a product is removed from **Ellie Diagnostics Tests**, but the product is not removed from the travel sheet, a prompt will display for the operator to select the Ellie Diagnostics Test to link back to the product when a lab request is being made from the travel sheet.

Select Test for Product

Product to link

Adult Screen Comprehensive CBC

Select test

OK

Cancel

1. Click in the **Select test** field and begin typing the name of Ellie Diagnostics' test to match the Impromed product.
2. Click **OK** to save changes.

Saving the test here will link the test to the product under Ellie Diagnostics Greywind Partners Setup.