

# Clinical Universe & ezyVet Standard Diagnostic Integration Guide

## Overview

The Standard Diagnostic Integration (SDI) allows other partners to build a diagnostic integration according to ezyVet's specifications. It allows ezyVet users to make a diagnostic request to an external party, who can then send results back into ezyVet through ezyVet's API (Application Programming Interface).

## Regions

Australia and New Zealand

## Glossary

SDI – Standard Diagnostic Integration

ezyVet – World leading cloud-based veterinary PIMS

ONDAS Vet – A mini-PC provided to the veterinary practice by Clinical Universe.

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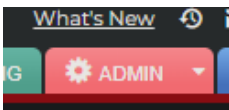
# 1. How to Configure

This section details how to configure the Integration within ezyVet.

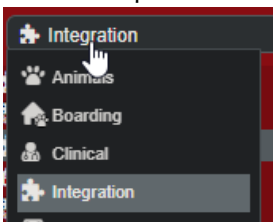
## 1.1. Get ezyVet Partner API Credentials

The following outlines the steps required to get your ezyVet Partner API credentials.

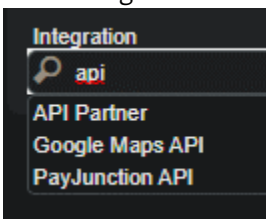
- Log into ezyVet with relevant admin privileges
- Click on the 'Admin' tab



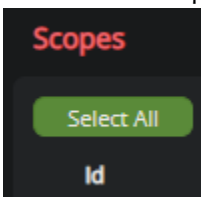
- Use the drop-down box on the left of the screen and select Integration



- In the Integration Search Box type and select API Partner

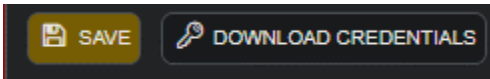


- Select Clinical Universe from the Partner drop down box and then click 'Save'
- Underneath 'Scopes' click 'Select All' and then Click 'Save'



- Click 'Download Credentials'. Your browser will then download a file named credentialsapi.txt. These will need to be sent to the integrated partner by the method described in section **3.2 Send Credentials**

**to Clinical Universe.**



## 1.2. Send ezyVet API Credentials to Clinical Universe

The following section details how to send your ezyVet API credentials to the Clinical Universe team.

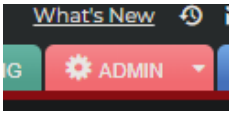
### 1.2.1. Via Email

Please email the credentials to Clinical Universe ([support@clinicaluniverse.com](mailto:support@clinicaluniverse.com))

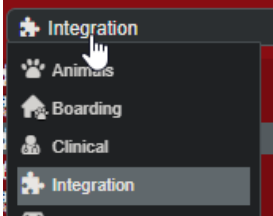
It may take up to 1 business day to complete this request and Clinical Universe will confirm upon completion.

### 1.3. Create the Standard Diagnostic Integration

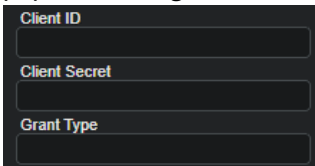
- Click on the 'Admin' tab



- Use the drop-down box on the left of the screen and select Integration



- In the Integration Search Box type and select “Clinical Universe”
- Select division if applicable
- Under 'Supplier', choose a supplier. (Create one if necessary). **PLEASE NOTE - DO NOT USE A SUPPLIER THAT IS ALREADY BEING USED FOR ANY OTHER TYPE OF INTEGRATION.**
- Under the 'API Partner' section, you must select the Clinical Universe integration you created in the section above **3.1 Get ezyVet Partner API Credentials.**
- Clinical Universe will provide a unique set of credentials i.e. the Client ID and Client Secret. The 'Client ID' and 'Client Secret' fields under the section 'Clinical Universe Integration Settings' must be populated using these credentials.



- The section 'Other Settings' is required to be filled out IF the 'Auto-create/update products for integrated diagnostics' setting under the section 'Auto-update settings' has been enabled.
- Auto-update settings:
  - **Auto-update diagnostic names when imported from web service** - This will update the names of the diagnostics to whatever is provided by the partner
  - **Auto-enable new diagnostics when imported from web service** - This will automatically activate all new diagnostics imported from the partner
  - **Auto-create/update products for integrated diagnostics** - This will automatically create or update products linked to the integrated diagnostics
  - **Auto-reset markup to integration default when cost price changes** - Upon updating the diagnostics code list (via the weekly update or manual update), the markup will be reset to the value entered in the 'Product markup %' field under the section 'Other Settings'.
  - **Auto-update product sell prices when cost price changes** - When the product cost price updates, the product sell price will update based on the cost price and markup of the product

associated to the integrated diagnostic.

The image shows two panels from a settings interface. The left panel, titled 'Other Settings', contains input fields for 'Product Group' (with a search icon and '(BLANK)' text), 'Customised Name', 'Prefix for Codes' (with a help icon), and 'Product markup %'. The right panel, titled 'Auto-update settings', contains five toggle switches, all currently set to 'NO', with labels: 'Auto-update supplied diagnostic names when imported from web service', 'Auto-enable new supplied diagnostics when imported from web service', 'Auto-create products for supplied diagnostics', 'Update products for supplied diagnostics', and 'Update product cost for supplied diagnostics'. The last option also includes the text 'Cost updates require approval'.

- Click 'Save'
- Under the section 'Tools', click the 'Update Diagnostics' button. **NOTE: These diagnostics will be found under Integrated Diagnostics (NOT site diagnostics).**

The image shows a 'Tools' section with three blue buttons: 'VALIDATE CREDENTIALS', 'UPDATE DIAGNOSTICS', and 'UPDATE SPECIES/BREEDS'. To the right of each button is a note: 'NOTE: You will need to save the integration settings before validating credentials.', 'NOTE: You will need to save the integration settings before attempting to update diagnostics.', and 'NOTE: You will need to save the integration settings before attempting to update breeds/species.' respectively.

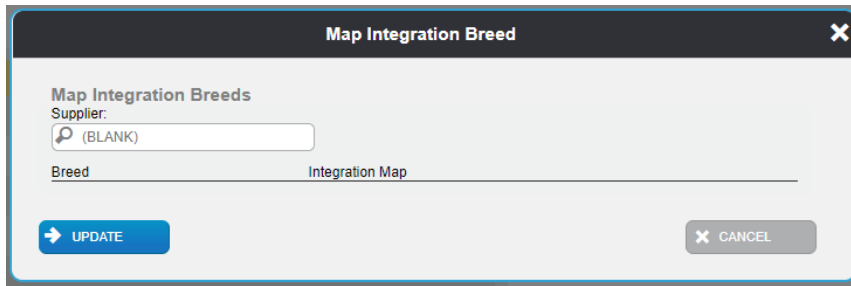
## 1.4 Mapping Species/Breeds

If the diagnostic request is being created from SFS (Smart Flow), then the species/breeds MUST be mapped beforehand. This can be done under ADMIN → Animals → Species / Breeds. Click '+ Species Maps' or '+ Breed Maps' and enter the integration, as well as the species. If a species type does not have a known breed on the 3rd party's end, then an UNKNOWN type of breed can be created in ezyVet, such that those cases can be handled by passing a breed type of UNKNOWN.

The image shows a 'Species Settings' form with fields for 'Species Name', 'Icon', and 'Body Surface Area Constant (K)'. Below these is a note: 'This is used to calculate the Body surface area (AnimalBSA)'. To the right, there are 'Integration Maps' for 'Ophthalmology Map', 'Dental Map', and another '(BLANK)'. A 'Tags' section is also visible. A modal dialog titled 'New Integration Species Map' is open in the foreground, containing fields for 'Integration' and 'Integration Species', both with search icons and '(BLANK)' text. At the bottom of the dialog are 'ADD' and 'CANCEL' buttons.

You can also use the Records dashboard to map species/breeds in bulk.

To map breeds, select record type **Breed** and click **Show Records**. Select the breeds you would like to map and set the Action to "**Breed - Map Integration Breed**".



This will give you a popup where you can select your integration supplier. Adding the integration supplier will then allow you to map each breed you have selected.

To map species, select record type **Species** and click **Show Records**. Select the species you would like to map and set the Action to "**Species - Map Integration Species**".

## 2. Exclusions

The following endpoints are not included as part of the Integration.

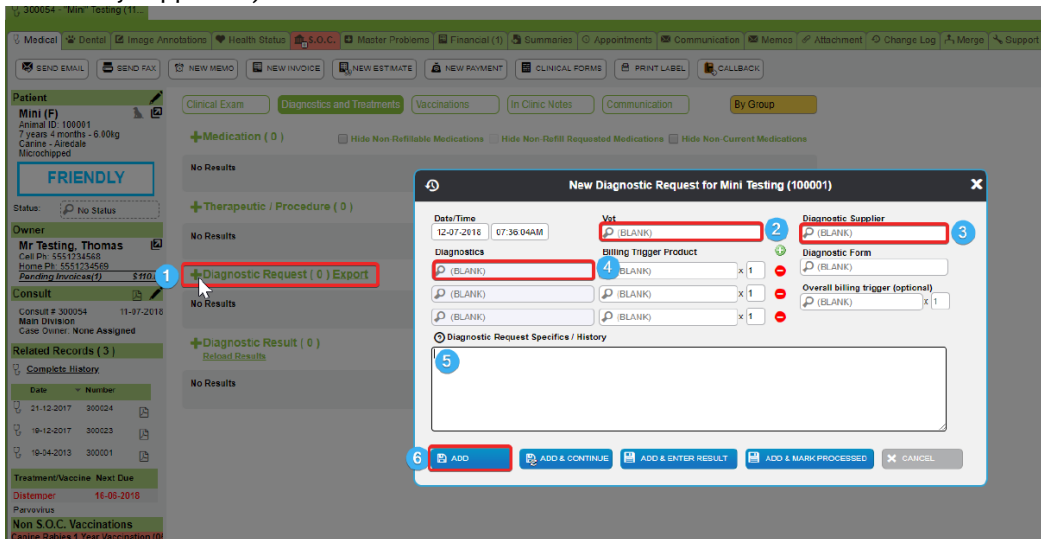
- Requisition Form
- External Hotlink



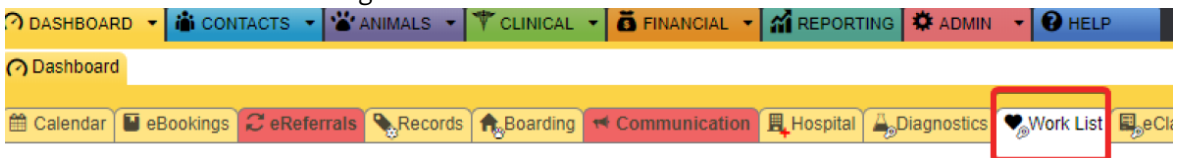
### 3. Creating A Diagnostic Request

This section provides a brief overview of the Clinical Universe and ezyVet integration in practice. Please make sure the ONDAS Vet mini-PC has been installed and configured before trying to complete a Diagnostic Request/Result.

1. Under a patient's clinical record, go to the section 'Diagnostics and Treatments' (white button near the top).
2. Click the + icon next to 'Diagnostic Request' to create a new request. This will bring up a new pop-up.
3. Enter the Vet information, supplier (Clinical Universe), and diagnostic request.
4. Enter any diagnostic request specifics or history, and click ADD. (note only one diagnostic per request is currently supported)



5. This will send the request to Clinical Universe which in turn makes the request available to your analyser.
  - a. For Cepheid GeneXpert devices, you can access the Diagnostic Request by selecting Create Test in Dx then select the request from the list.
  - b. For Radiometer ABL90 devices, start your specimen, once on the Patient identification page, select Patient Lookup, select Update, then select the request from the list.
  - c. Alternatively, manually enter the Lab Reference Number from ezyVet into SampleID or Accession No field on your analyser.
6. From here, you can complete the diagnostic test. Once the result is fully complete, the result will return to the patient's record in ezyVet. The result will appear under 'Diagnostic Result' on the same page where you created the request.
7. If a test was completed without a request from ezyVet, the result will still return to ezyVet but will be listed under the unallocated diagnostic results found on the Work List Dashboard.



Find your result, double click on the result and assign the correct client, patient and clinical record.

## 4. Troubleshooting

### Results not uploading to ezyVet

- If the result has only just completed, please allow up to 5 minutes for the result to appear.
- Please double check the Lab Reference Number from the result exactly matches the number provided by ezyVet and that the Number is in the SampleID or Accession Number field on your analyser
- Please ensure the analyser is connected to the same network as ONDAS Vet and the ONDAS Vet mini-PC is powered on and connected to the internet. You may need to contact your IT department for assistance.

### Requests not appearing on your analyser

- If the request has only just been created, please allow up to 2 minutes for the request to appear.
- If the request was made a while ago, it may have passed the cutoff window to be run. Clients can specify that requests are only visible to the analyser for a specific period of time, please contact Clinical Universe to adjust the cutoff window.
- Please ensure the analyser is connected to the same network as ONDAS Vet and the ONDAS Vet mini-PC is powered on and connected to the internet. You may need to contact your IT department for assistance.

### Results appear slightly different in ezyVet than on my analyser

- As the digital output of an analyser can differ slightly to what is shown on the screen or print out, please contact Clinical Universe to see what correction options are available.

### Results in ezyVet are missing reference ranges that currently appear on my analyser

- Some analysers do not supply reference ranges via their digital connection despite showing the ranges on the device, please contact Clinical Universe to arrange for Reference Ranges to be added to your digital results.

## 5. Technical Support

Please contact [support@clinicaluniverse.com](mailto:support@clinicaluniverse.com)