

Introduction

Thanks for choosing PERDIXPro for your project. PERDIXPro enabled [trail cameras](#) and [trap tags](#) are our primary methods for remote monitoring. They have been designed to be easy to use, robust and reliable in the field.

Our trap tags are activated through vibration caused when a trap has been set off. Please read the following instructions carefully to ensure the correct and reliable use of your PERDIXPro trap tags, Portal and App.

Activating your PERDIXPro Account

If you are the PERDIXPro account administrator, you should have received an account activation email shortly before receiving your devices. If not, please check your spam folder before contacting us to request another email. If you are not the account administrator, please ask the assigned person to add you to the account via **Account > Users**.

Log into your PERDIXPro account here - [PerdixPro](#)

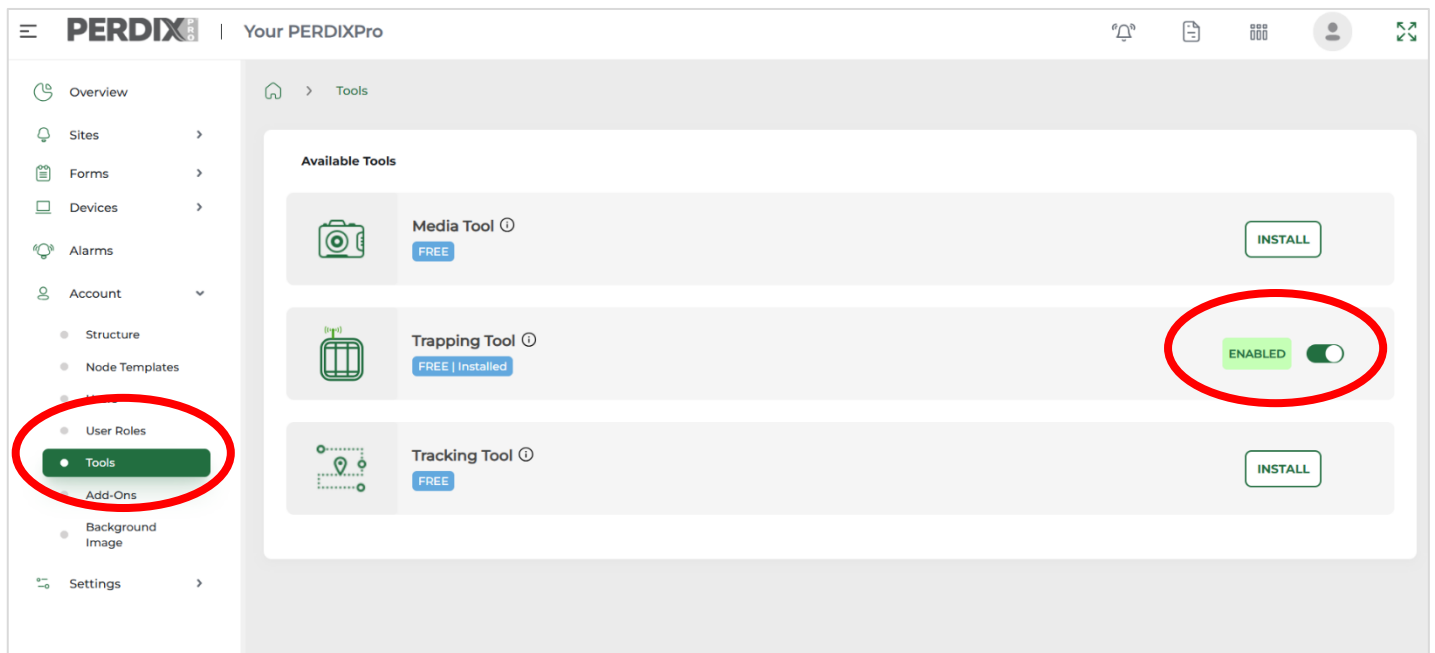
Download the PERDIXPro App from either the App Store or Google Play.



Log in details are the same for both the PERDIXPro Portal and PERDIXPro App.

Setting up your PERDIXPro Account for trapping

When you log into your account for the first time, you will be presented with the main **Dashboard**, but first you will need to add the PERDIXPro Tool you require. As you have purchased a PERDIXPro trap tag, you will need to install the **Trapping Tool** to be able to use it. To do this, go to the menu on the left side of the screen, click on **Account > Tools** and enable the **Trapping Tool**. You will now see **Devices** in the menu list and your purchased tags listed within your **Inventory**.

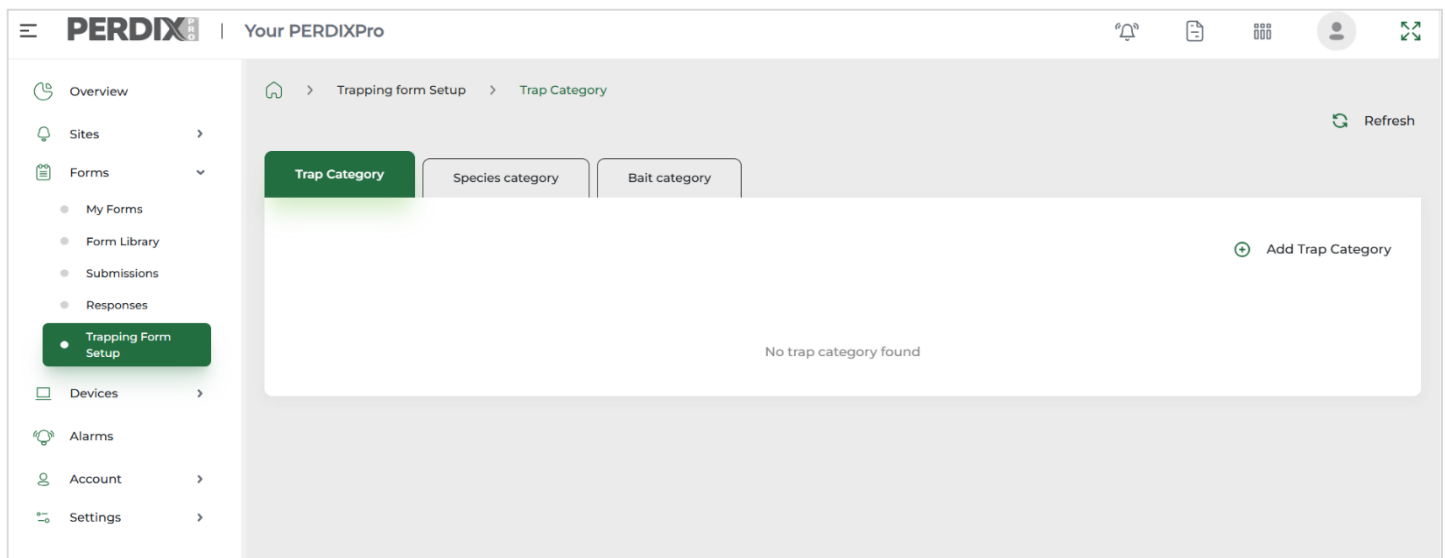


Additional Trapping Tools settings

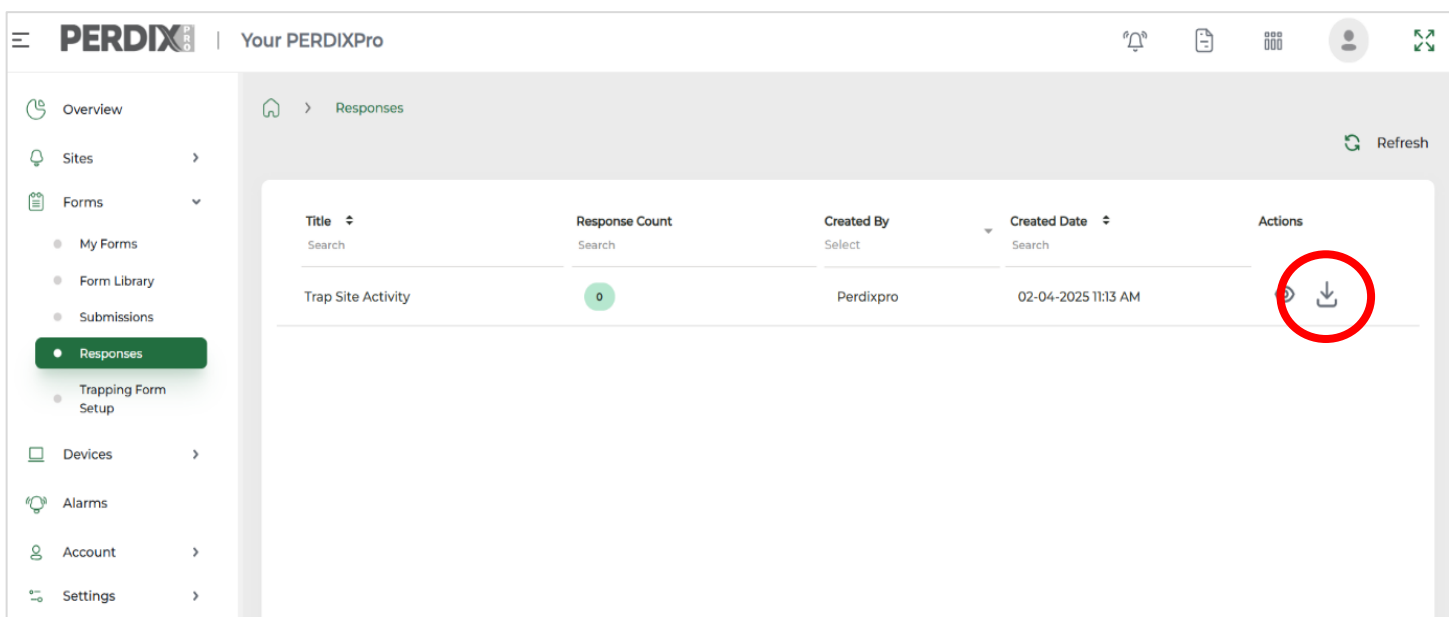
When you receive a trap alert you must complete the associated Trapping Form to allow for further alerts to be received for that device. It is best to set this form up prior to trapping as details included on the form can be input to reflect your trapping operation, including details of trap types, baits and likely captures.

To set up your bespoke form, navigate to **Forms > Trapping Form SetUp**, and you can alter the settings of each individual tab.

(Alternatively, if you are not recording trapping activity data, you can simply delete an alert to allow for further alerts to be received).



You can view your bespoke Trapping Form via **My Forms** and/or **Submissions**. On completion of your Trapping Form via your PERDIXPro App after processing a capture in the field, your response will be entered into **Responses** within **Forms**, and data can be downloaded into an Excel CSV. file.

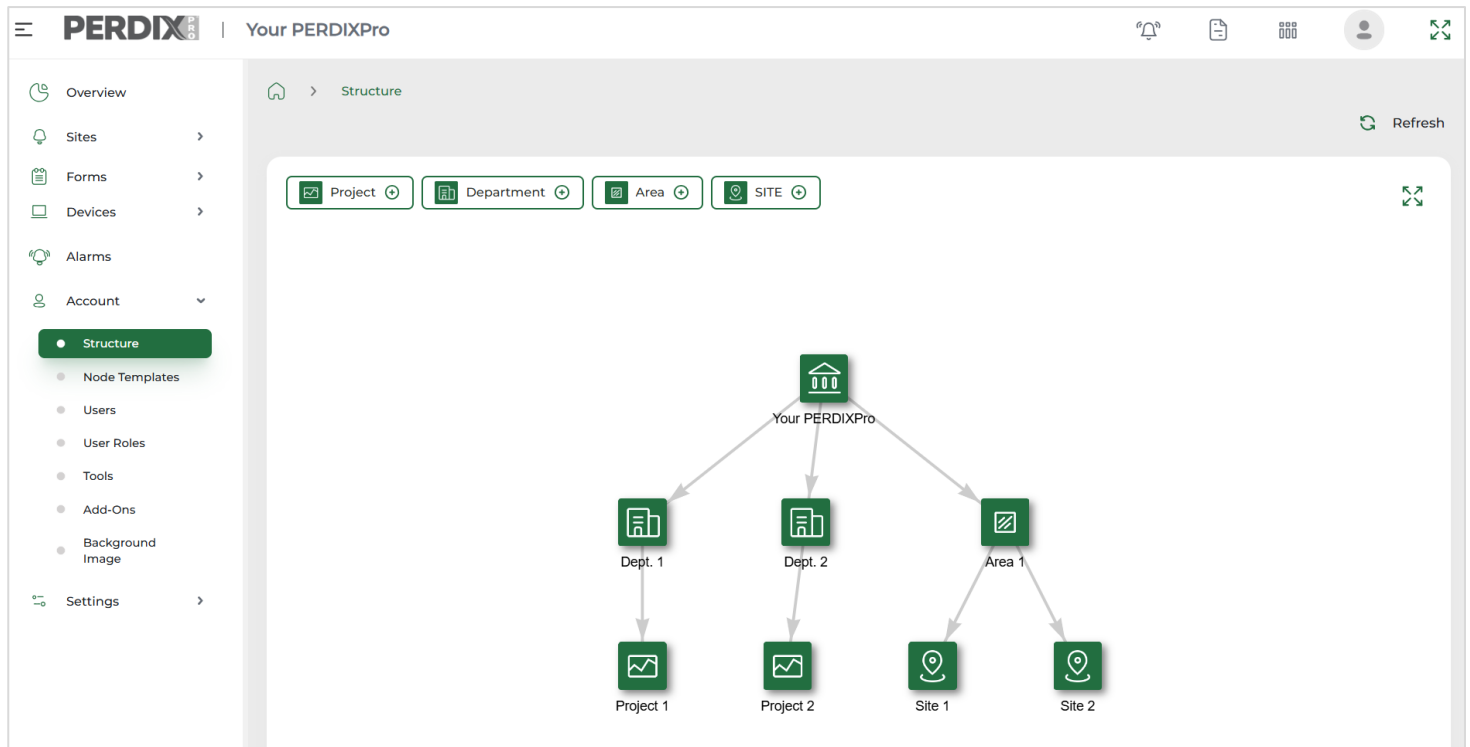


Activating your device

1. Create your account Structure

Your PERDIXPro account **Structure** can be created as digital nodes representing your project/estate/farm/organisation etc, and is where devices within your account device **Inventory** can be assigned.

N.B. Bespoke nodes can be created via **Node Templates**, to build your structure of entities to suit your needs (or you can just use any already prepared nodes).



2. Assign your device(s)

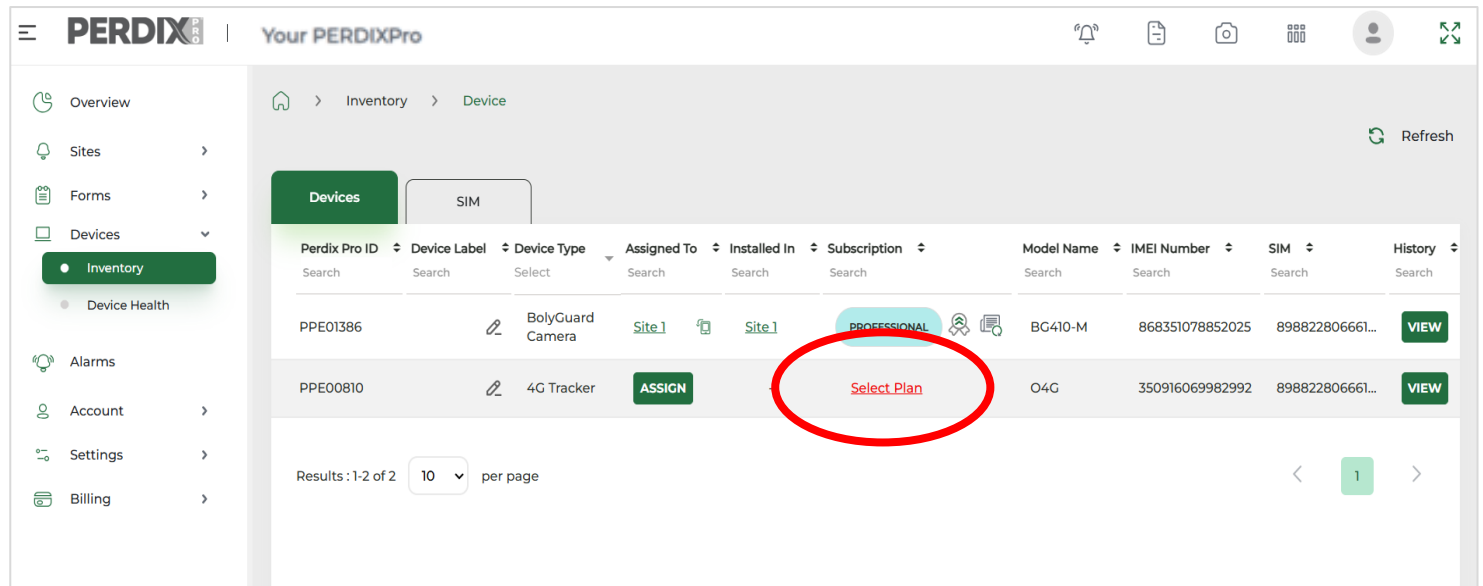
In **Devices > Inventory**, click the *Assign* button next to the device you wish to assign. From the drop down menu, choose which entity of your already prepared account **Structure** to assign your device to.

N.B. The ASSIGN function is applicable to all devices, and provides accounts with high numbers of devices the ability to assign devices to various departments/projects, and to associate cost centres where applicable.

PPE00810	4G Tracker	ASSIGN	-	Select Plan	O4G	350916069982992	898822806661...	VIEW
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4. Select Subscription Plan

To allow for a device to be installed on a **Site** within your account **Structure**, you will need to select a subscription plan by clicking on the *Select Plan* in the subscription column. Choose the appropriate plan for your project and pay for the subscription by credit card or debit card to enable the trap tag to be activated.



The screenshot shows the PERDIX Pro web interface. On the left is a sidebar menu with options: Overview, Sites, Forms, Devices (expanded), Inventory (selected), Device Health, Alarms, Account, Settings, and Billing. The main content area is titled 'Your PERDIXPro' and shows a breadcrumb trail: Home > Inventory > Device. There are tabs for 'Devices' and 'SIM'. Below the tabs is a table of devices. The table has columns: Perdix Pro ID, Device Label, Device Type, Assigned To, Installed In, Subscription, Model Name, IMEI Number, SIM, and History. Two devices are listed: PPE01386 (BolyGuard Camera) and PPE00810 (4G Tracker). The 'Subscription' column for the 4G Tracker device shows 'PROFESSIONAL' and a red 'Select Plan' link, which is circled in red. There are also 'ASSIGN' and 'VIEW' buttons for each device. At the bottom, it says 'Results: 1-2 of 2' and '10 per page'.

Perdix Pro ID	Device Label	Device Type	Assigned To	Installed In	Subscription	Model Name	IMEI Number	SIM	History
PPE01386	BolyGuard Camera		Site 1	Site 1	PROFESSIONAL	BG410-M	868351078852025	898822806661...	VIEW
PPE00810	4G Tracker				Select Plan	O4G	350916069982992	898822806661...	VIEW

3. Batteries

To test that a trap tag is connected correctly once installed, insert the batteries at this stage. If batteries were not supplied with the trap tag, it is important that you only use Energizer Ultimate Lithium batteries. Once batteries are inserted a light will flash on the circuit board (this can only be seen on the small tags by removing the board from the case). Once this has stopped flashing (this can take a few minutes), replace the cover and secure using the screws provided. Be careful not to overtighten the screws. Your trap tag should now be connected and ready to be installed for use.

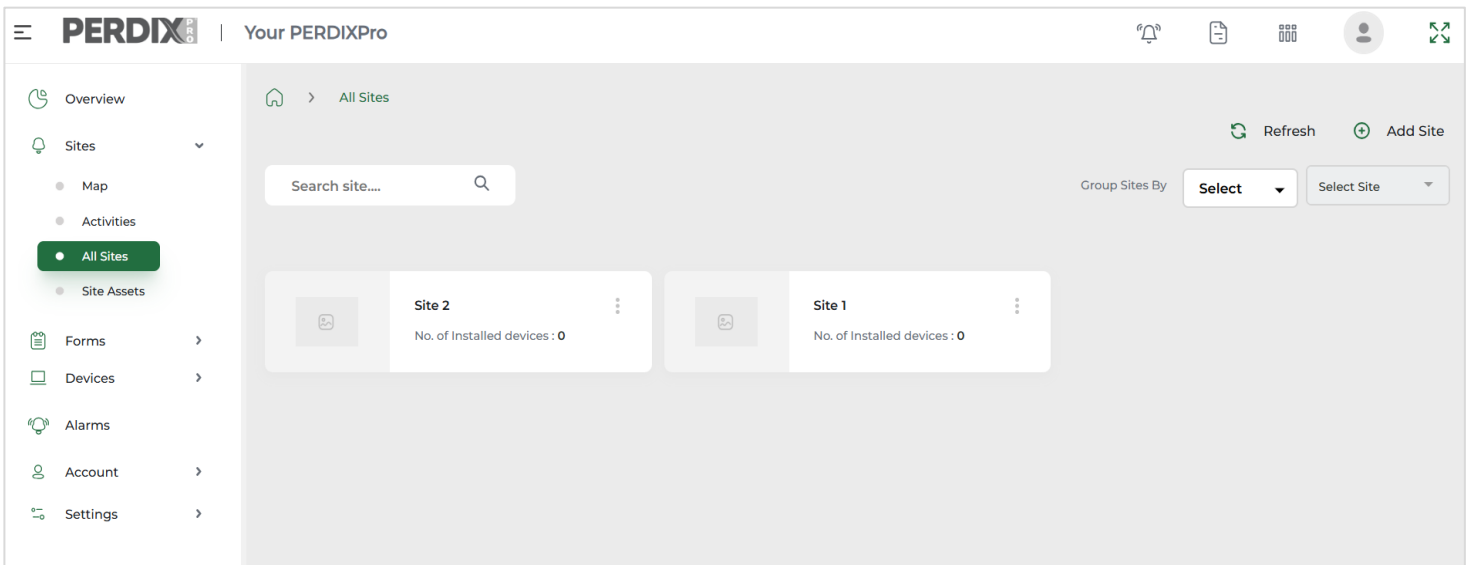
5. Installing your trap tag

To test a trap tag is connected correctly, it must be installed on a **Site** in your account **Structure**.

N.B. A device can ONLY be installed on a Site you have created, or a **Structure node which you have noted as a ‘managed Site’ when it has been created.**

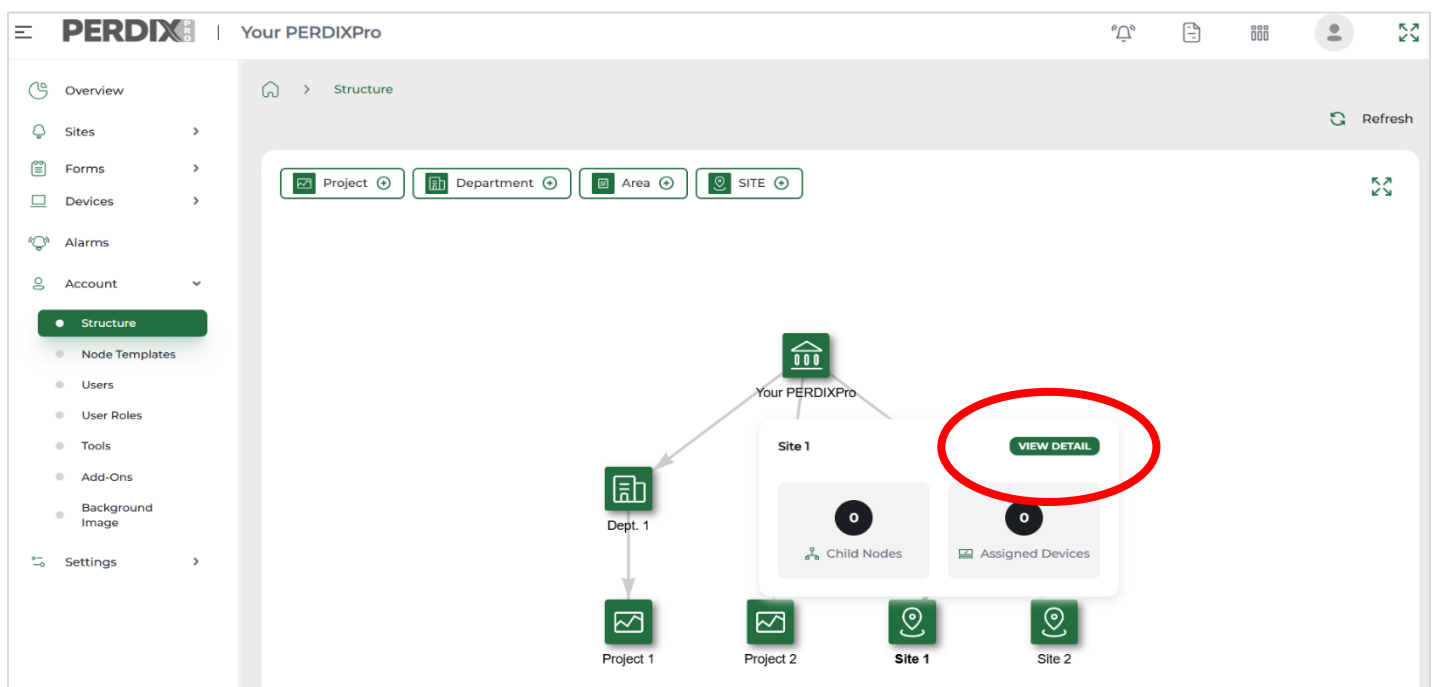
To install a trap tag on a **Site**, follow either of the following steps:

- Navigate to **Sites > All Sites** and select the site you wish to install your device.

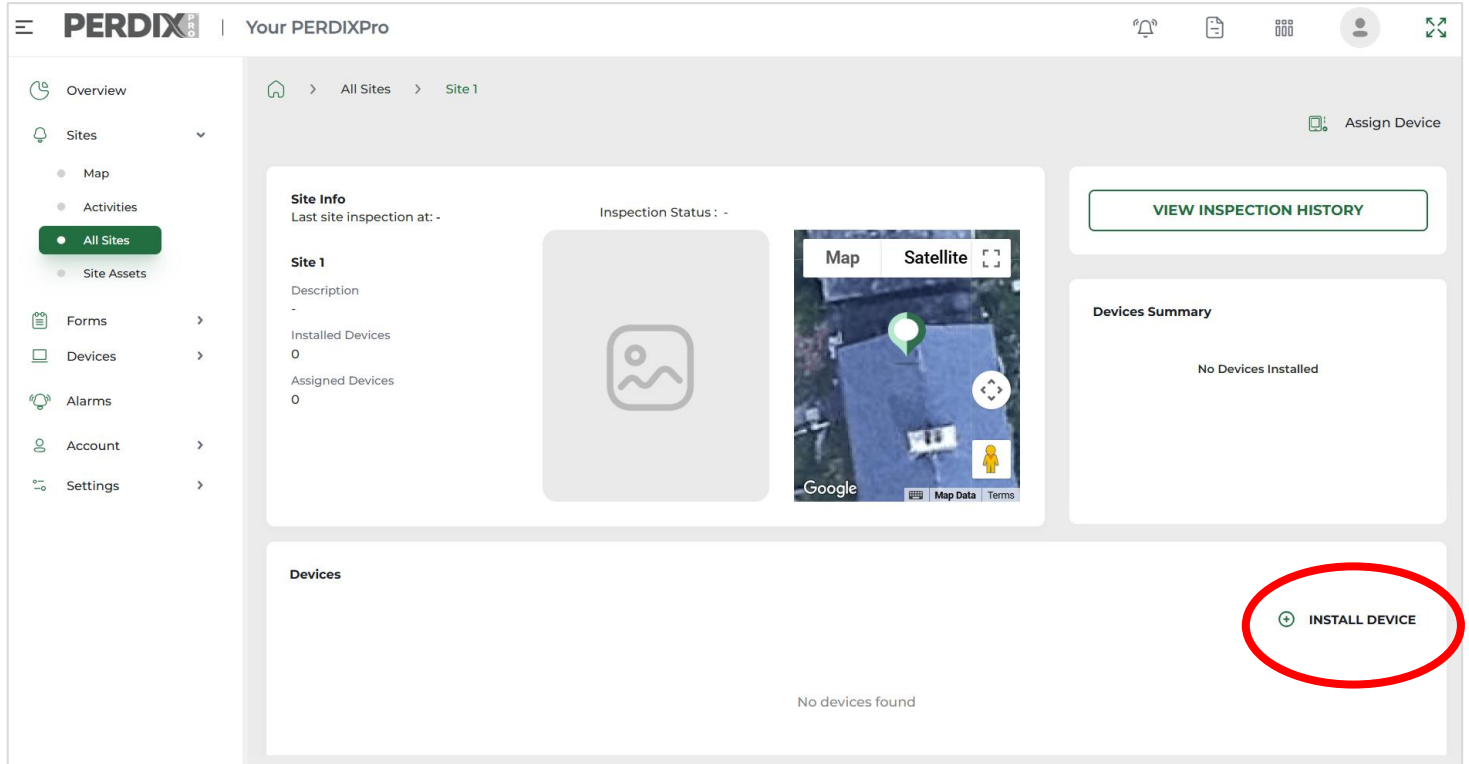


Alternatively, go to:

- **Account > Structure** and click on the green *Site node* you wish to install the device, and click *View Detail*.



Both these avenues will take you to your chosen **Site** dashboard, click *Install Device* and all the devices you have assigned AND selected a subscription for will be listed. Select the device you wish to install, enter battery type and click *Install*.



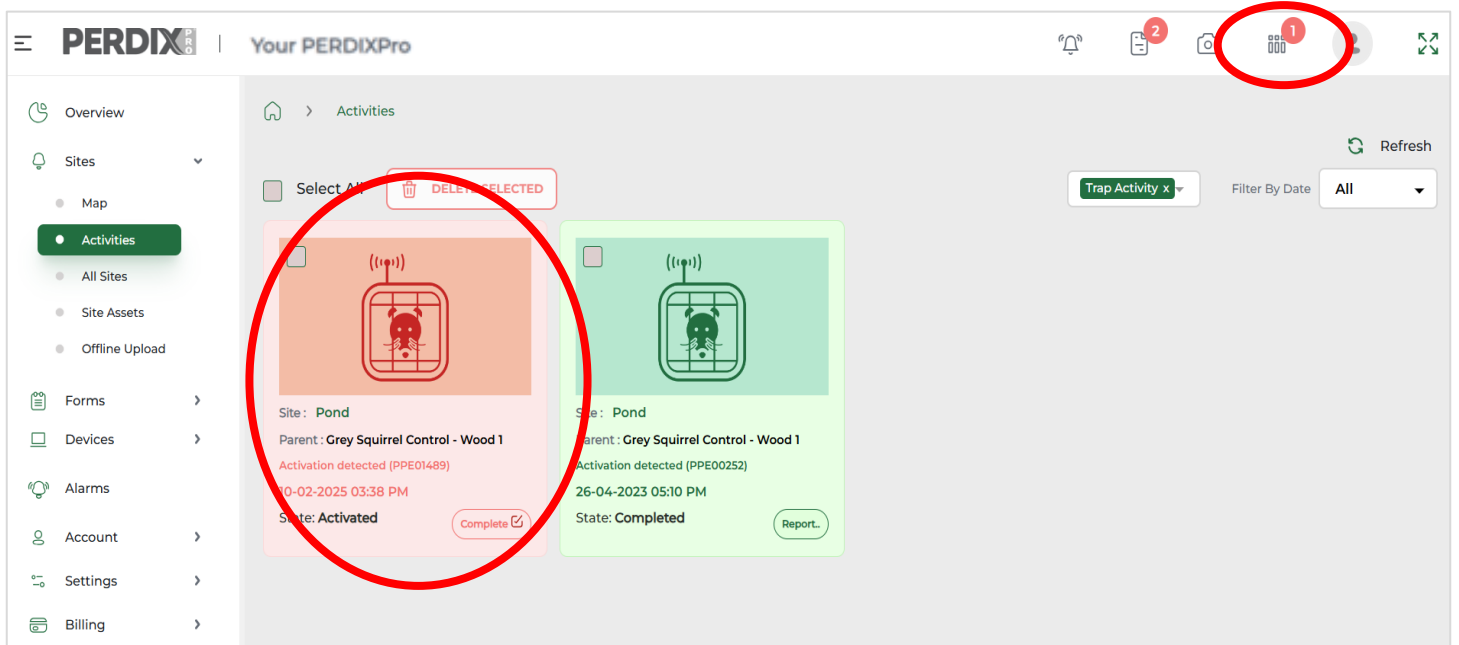
Keys steps for full device activation

ASSIGN → SELECT SUBSCRIPTION → INSTALL (on a Site)

Time to test your trap tag

The trap tag will now be listed in the devices section within the **Site** dashboard and is ready to test.

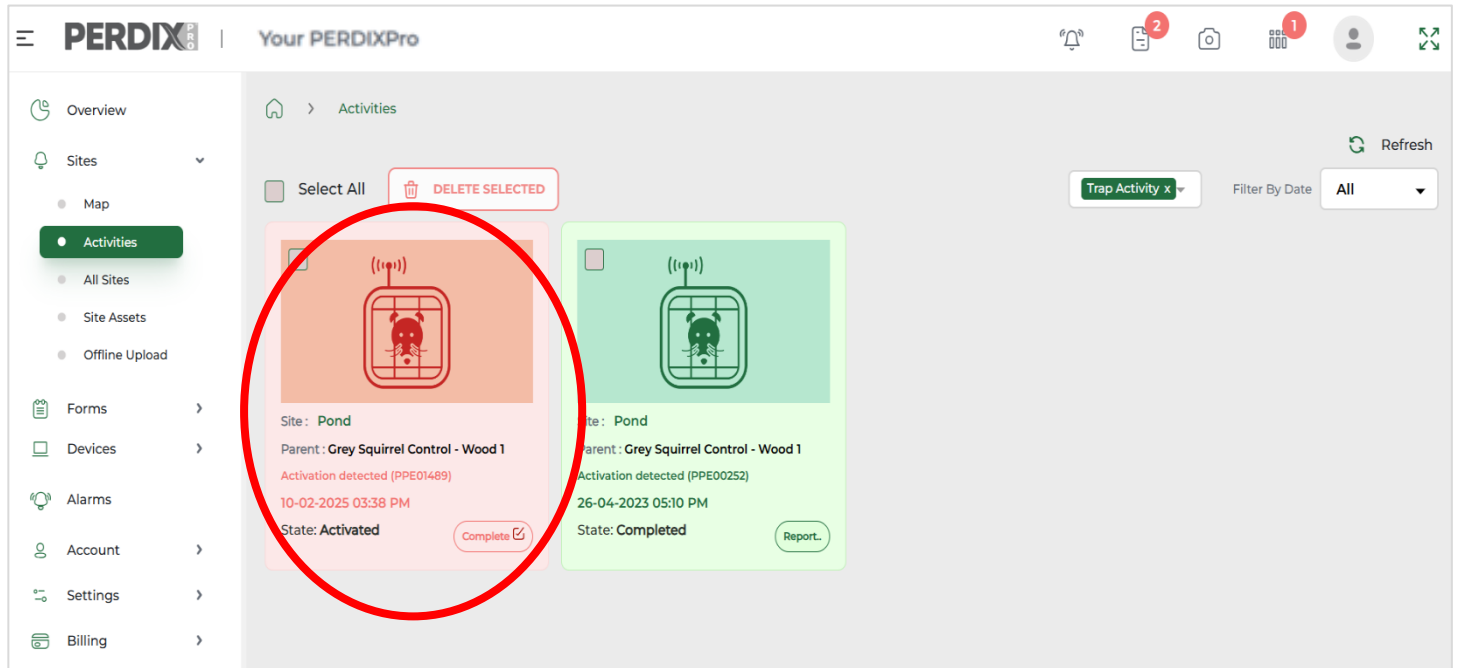
To test the trap tag is correctly connected, tap the tag and wait for the activity alert to appear in the account **Dashboard**.



To complete the Trapping Form that you have prepared, click *Complete* in the red trap alert tile.

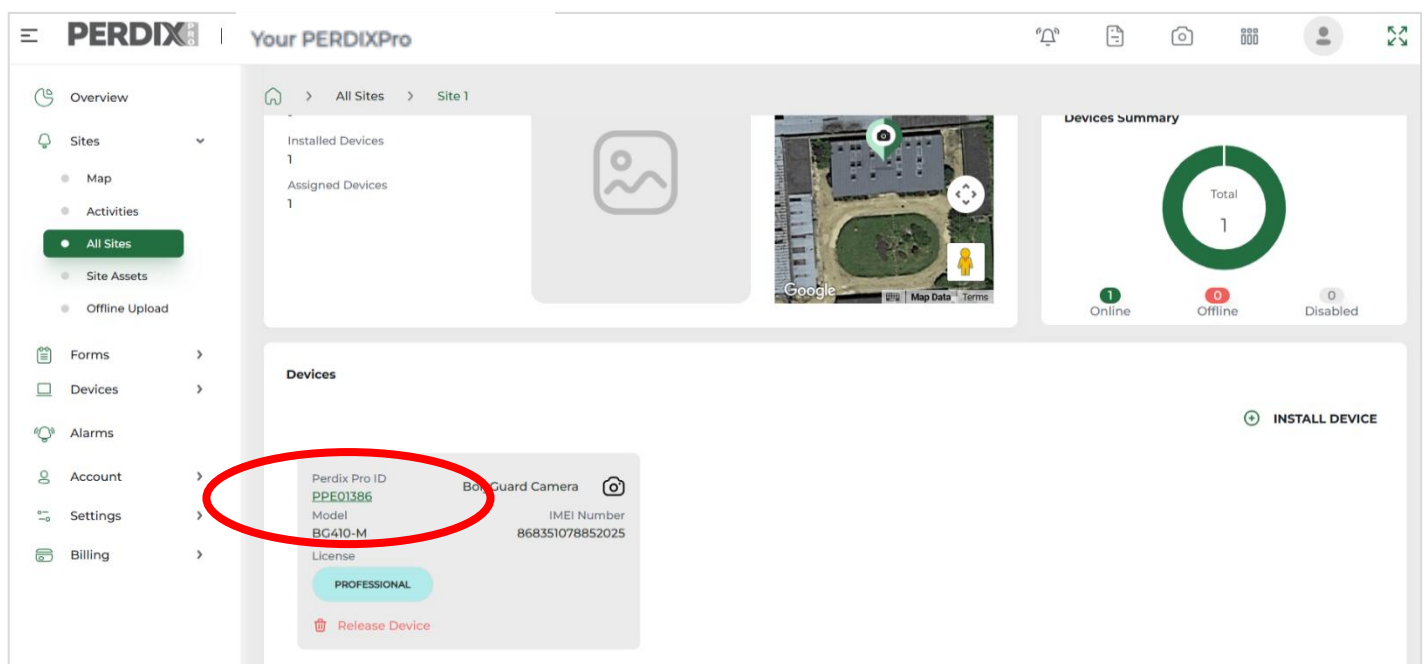
NB. When a alert is received from a trap tag, the red Trapping Form must be completed or deleted to allow for further alerts from the trap tag to be received.

Once completed, the red trap alert tile will turn green and any new activity alert will be shown alongside it once received.



Additional Info - Device Health

To see device health parameters, go to **Devices > Device Health** and/or navigate to your Site page, click on the chosen device and you will enter the device's dashboard.



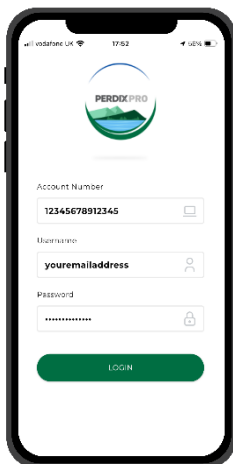
Deploying a trap tag using your PERDIXPro App

PERDIXPro trap tags should be attached to your traps via the two attachment points. Tags can also be attached to trap-housing if sufficient vibration is caused when the trap is activated. Depending upon the design and construction of the trap and housing you are using, cable ties, wire, screws, bolts etc can all be used to affix the tags in place. Tags should be affixed tightly to the trap and placed in a location that allows it to sense any trap-activity. It is highly recommended that the tags are tested on your traps to ensure they are compatible prior to deployment.

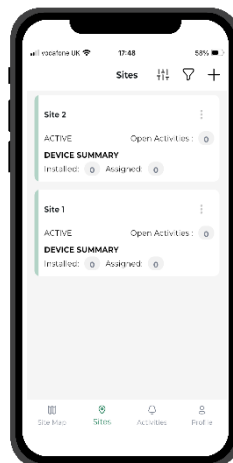
N.B. To ensure you can install a device via the App in the field, make sure the device is assigned and with a subscription selected in the portal.

Once in the field, **Sites** can be created and tags attached to **Sites** using the PERDIXPro App as follows:

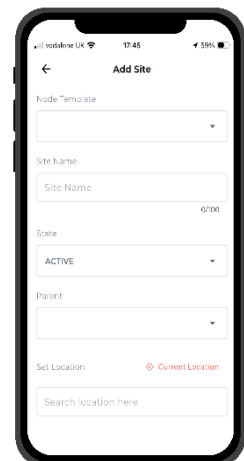
1. Log into your App.



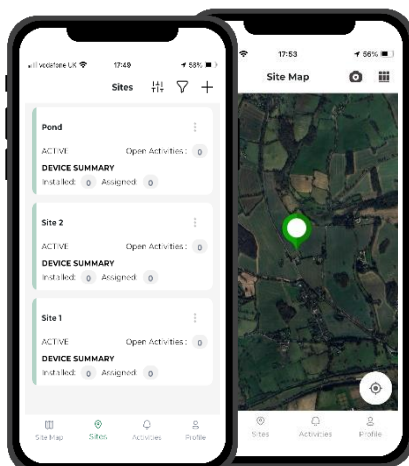
2. In Sites, tap the + sign in the top right corner to add a site.



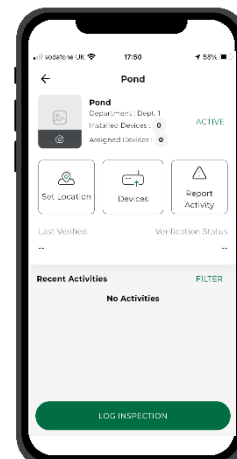
3. Complete the add Site form.



4. Tap on the newly created site tile in list view or via the pin in map view.



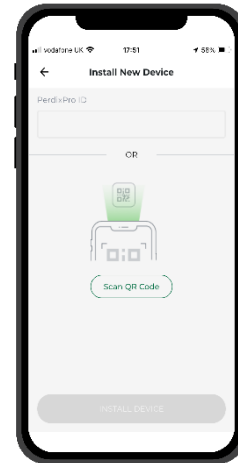
5. In the Site page, tap the Devices icon.



6. In the Devices page, tap Install Device.



7. In the Install New Device page either manually type in the trap tag ID (PPE****) or scan the QR code and tap Install Device.



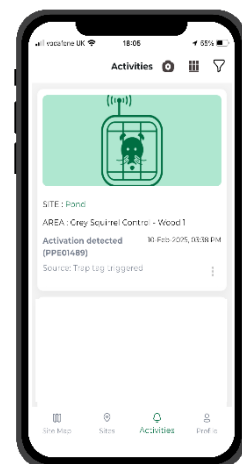
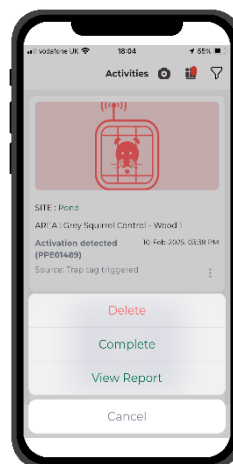
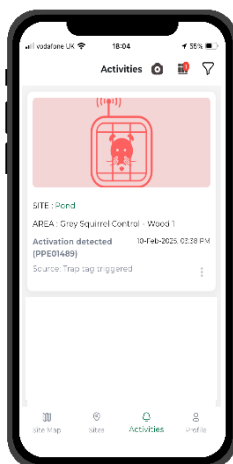
8. If you have not already done so, attach the tag securely to the trap as described above.

9. Set the trap and place it in the location it will be used during the trapping project, and activate the trap.

10. Shortly after activating the trap, an alert will appear in Activities and over the trap icon in the top right corner.

11. Tap on the 3 dots located in the activity alert tile to either Complete or Delete the activity.

12. Once completed or deleted, the App is ready to receive the next activity alert. **N.B. Never leave a trap site before completing or deleting an outstanding red activity alert.**



Storage

When not in use for short periods of time (<3 months), PERDIXPro trap tags can be stored with the batteries in place. The tags should be stored in a cool place where vibration and movement are limited. If not required for a long period of time (>3 months), the batteries can be removed by unscrewing the back of the tag. The trap tags will reconnect automatically with PERDIXPro Trapping once the batteries are replaced.

Our PERDIXPro system now has significantly more functionality available for users to enhance and update their monitoring and data collection methods.

Here is some information on the new and updated features across our PERDIXPro platform:

Subscription Management

Set subscription expiry alarms to notify when a device subscription is coming to an end - navigate to **Settings > Alarm Settings > Subscription Expiry**.

Settings and Alarms

Set alarms for various system and device related actions, including low battery, data usage limits and missing device 'Heartbeats' - navigate to **Settings > Alarm Settings**.

Cost Centres

There is option for larger account **Structures** to set up **Cost Centres**, to allow for costs to be applied to relevant departments/projects/regions etc. Navigate to **Billing > Cost Centre** and as costs are incurred across use of various tools available on the platform, simply select a pre-created cost centre to apply the cost to.

GPS Tracking Tool

PERDIXPro's GPS Tracking Tool is designed to provide precise location tracking for various entities, including vehicles, machinery, field equipment, lone workers, livestock, and wildlife. This tool aims to enhance security, management, and research capabilities. (Devices available through enquiry).

Add-Ons

Add-Ons allow you to do more across the PERDIXPro platform - navigate to **Account > Add-Ons**.

Offline Image Upload: allows transfer images from offline files with data storage allowances charged on a per year basis.

SMS Notification: SMS credits allow you to receive alerts by SMS to your phone and to take remote 'snapshots' when using a PERDIXPro enabled trail camera.

Image Recognition: Our integrated AI model can identify species present within images received to the platform, either via our PERDIXPro remote monitoring trail cameras or through offline upload. (In continued development).

N.B. Image Recognition functionality is applied to an individual account upon request, and related subscriptions are managed by account admins via Add-Ons.

Form Builder: Install the Form Builder Add-On to allow the creation of digital forms for use in your PERDIXPro portal and the **PERDIXPro Fieldbook App** for in-field use. The Form Builder provides users with a comprehensive choice of fields and elements to allow the creation of bespoke survey/record forms for your projects, to aid the facilitation, standardisation and centralisation of data.

Download the PERDIXPro Fieldbook App from either the App Store or Google Play - log in details are the same as the PERDIXPro Portal and PERDIXPro App.

