VWS Live – WiFi App User Manual
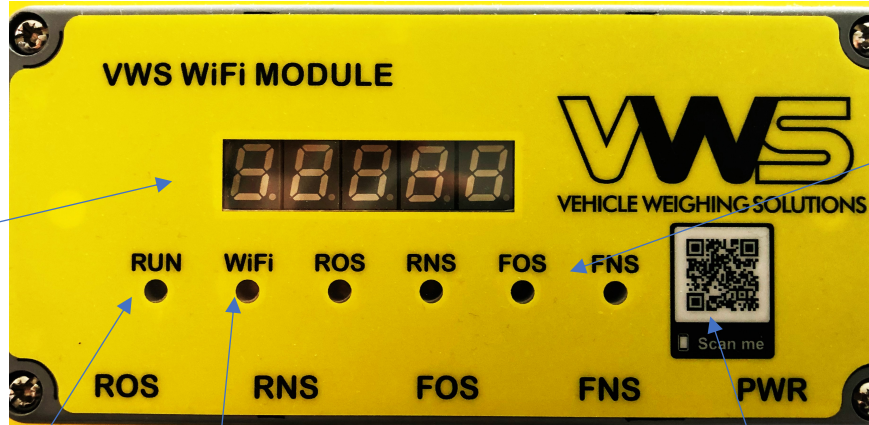
WiFi Weighing Indicator

Weight display will show "NoCal" if the calibration is not complete.

Weight display will show the current weight if calibration is complete.

Run
Solid red light when powered

WiFi
Solid red light, weight display connected to handset
Flashing red light, weight display not connected to handset

Health Check Status lights for all channels
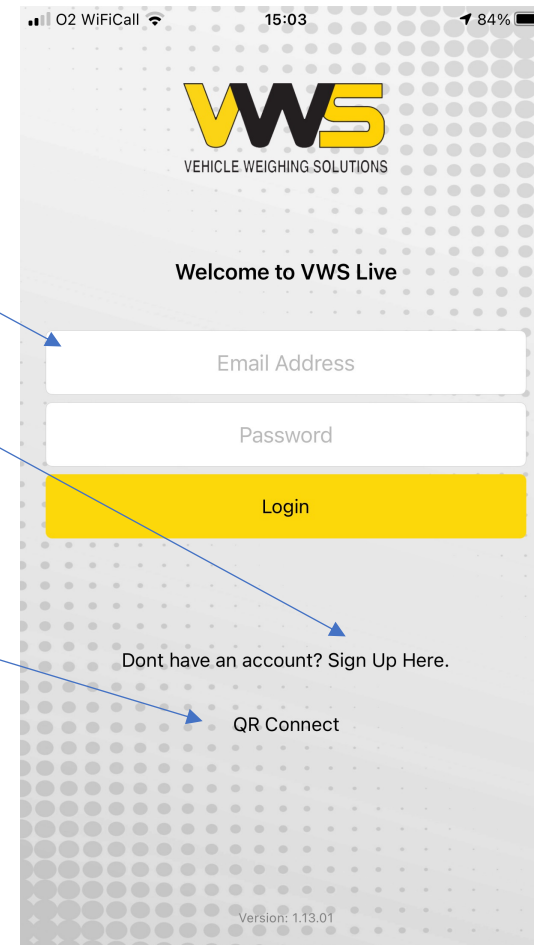
Solid blue all ok

ROS – Rear Offside
RNS – Rear Nearside
FOS – Front Offside
FNS – Front Nearside

Download the VWS Live app by Scanning the QR code

VWS Live User login

- If you already have an account, login by entering your e-mail address and password

- If you do not have a user account, select Sign Up Here

- If you have access to the "Guest login" option please click here.

VWS Live new user Login

- To register for a VWS Live user account, complete the fields shown to your right. click Submit.

  - An e-mail will be sent to the address you registered with. Click on the link to complete the registration

- If you are an existing organisation and the e-mail address you registered is the same domain as your business we will automatically give you access to your WiFi enabled assets as soon as the registration process is complete

- If you are registering with a third party e-mail account, such as Google, live.com etc we will be notified of this in our back office systems and we will need to assign the assets for you.

Connecting to a Wireless device

- Once you have logged into the application successfully, either as an existing user or as a new customer you will be presented with the following screen

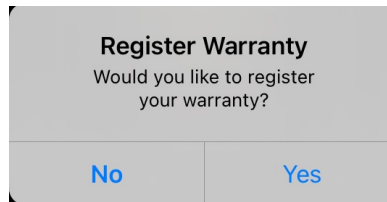- To connect to a Wireless enabled device select " Tap to connect To a WiFi enabled vehicle"
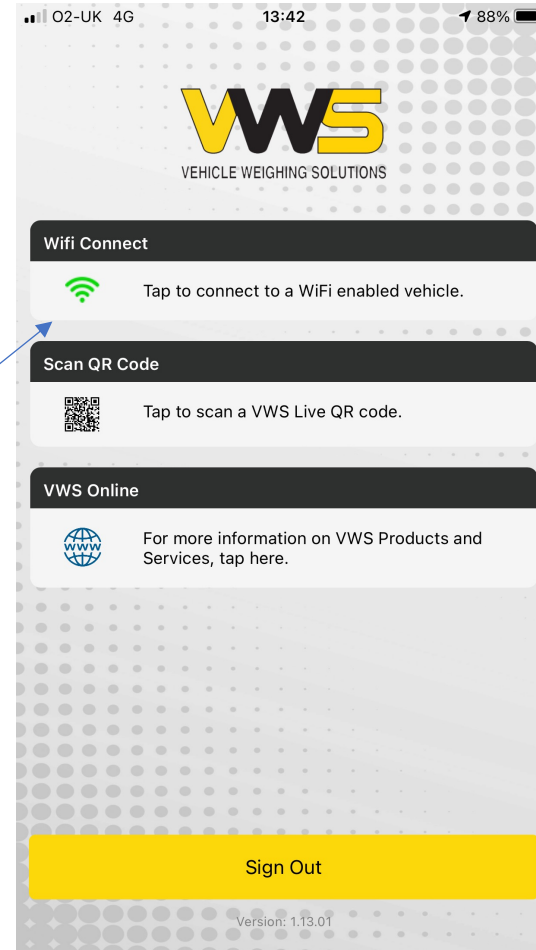
- By clicking on " Tap to connect To a WiFi enabled vehicle" you will be presented with a list of vehicles that belong to your organisation

- Please note as previously mentioned generic e-mail addresses will need allocating to your account before you will see your asset list.

- For larger organisations with many assets, click in the "search box" to filter assets

- Make sure the WiFi indicator is powered up and you are close to the vehicle you wish to connect to
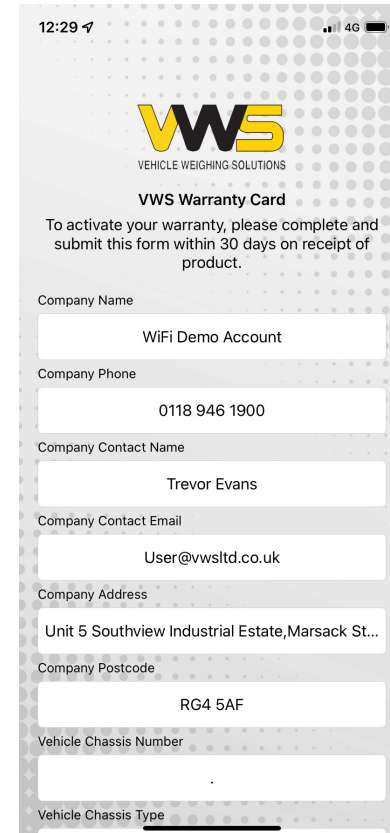
- Click on the asset name.
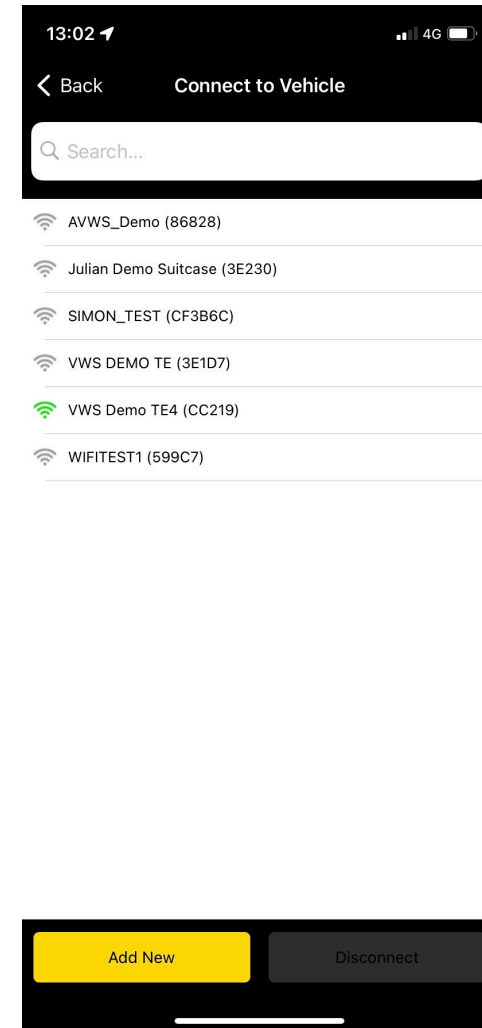
Register your warranty

- If the asset you are connecting to is a new asset on your fleet you will be asked to record your warranty.

- If you select "No" you will continue through to the wifi asset list. If you select "Yes" you will be presented with the form on the right.

- The warranty form is pre-populated with information already held against the account

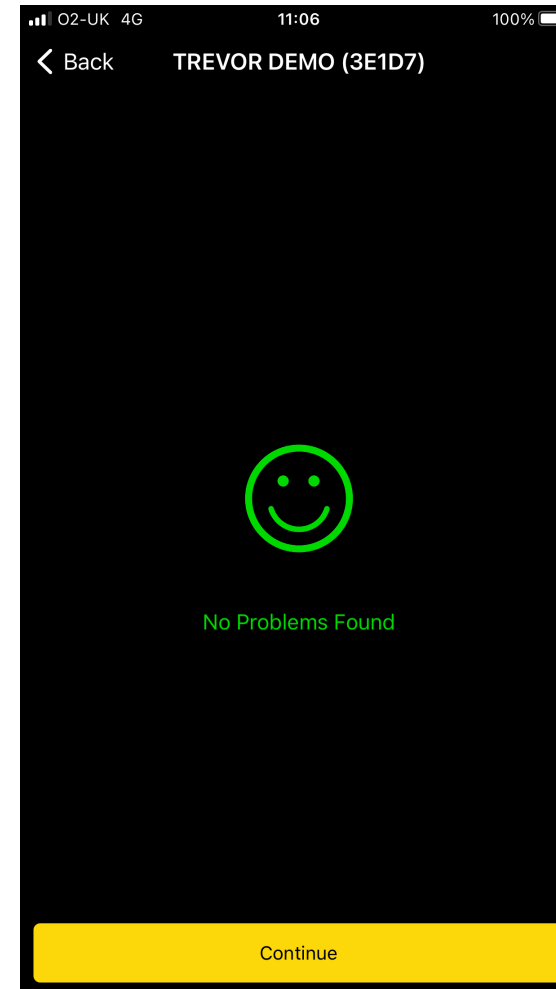- Once the form is complete select "Submit"

System Health Check

System Health Check

- When you click on the asset, the system will conduct a health check on the selected device
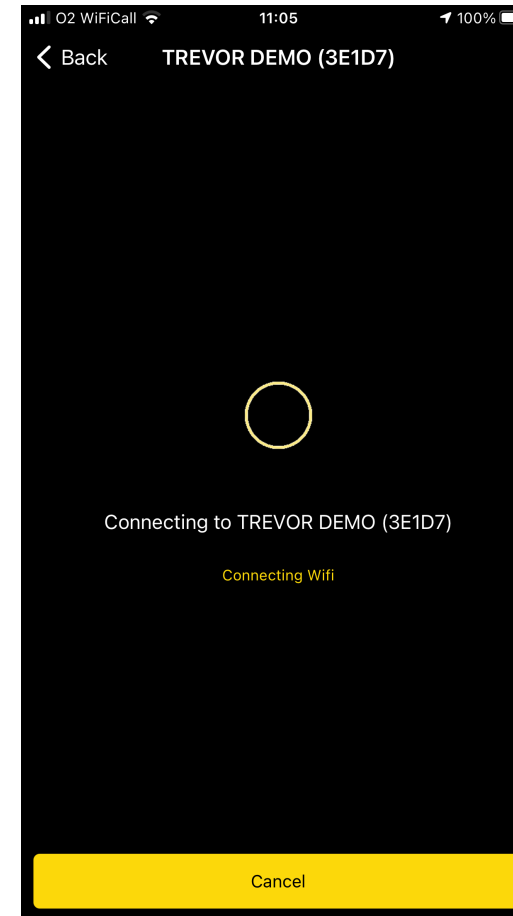
System Health Check

- Once the health check is complete, you will briefly see a symbol to identify the current state of the system
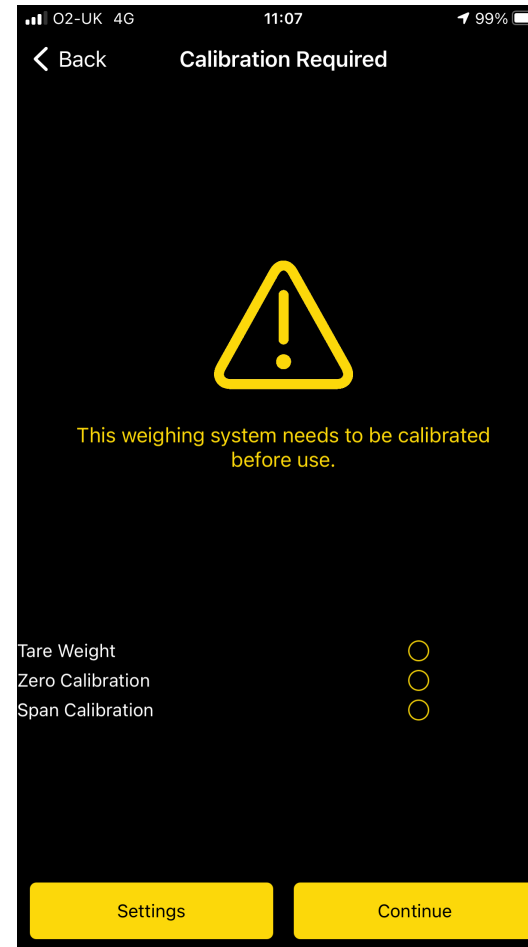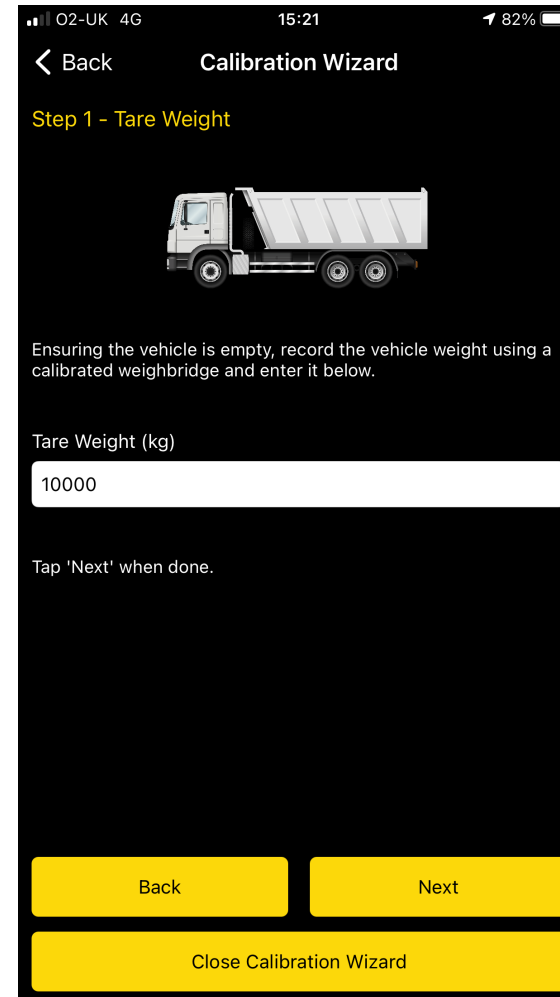
- Click continue

Calibration Wizard

Initial Calibration Process

- If this is a new system and has never been calibrated before, you will be presented with the following screen
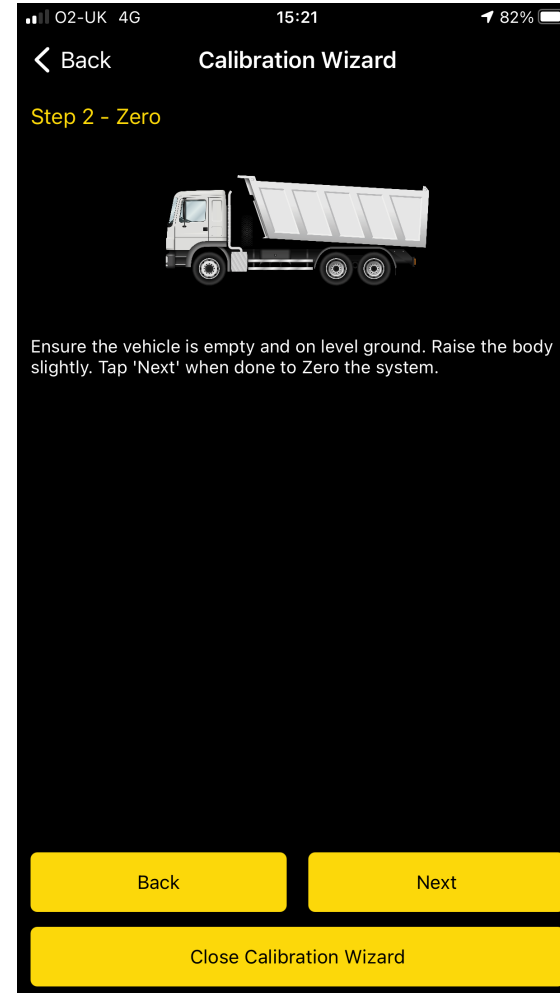
- Click continue

Initial Calibration Process

- The system will now ask you to enter the Tare weight of the vehicle
- If you know this, enter the value in the box provided

- If you do not know this, take the vehicle to the weighbridge while empty and weigh the vehicle.

- Once the Tare weight has been established enter the correct value in this field
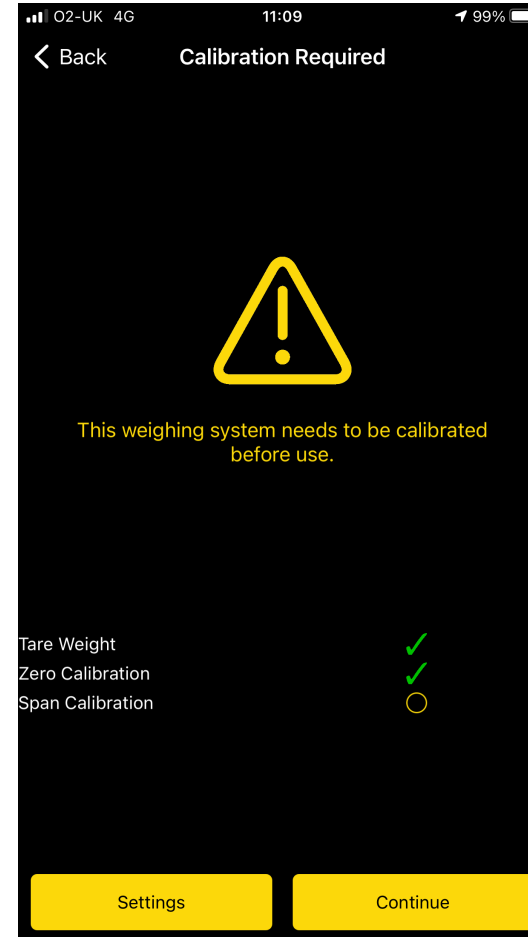
- Click Next

Initial Calibration Process

- Once the Tare weight has been entered you need to zero the weighing system

- Lift the body of the vehicle while unladen into what is commonly known as the "weighing position"

- Click next. This may take a few seconds while the software applies the setting

- The next action requires the body to be loaded.

- Click "Close Calibration Wizard" until you are able to complete the calibration with a full load.

Initial Calibration Process

- Once the body is loaded and you are ready to complete the calibration.

- Log back into the app.

- The system will identify where you are in the calibration process.

- Click continue

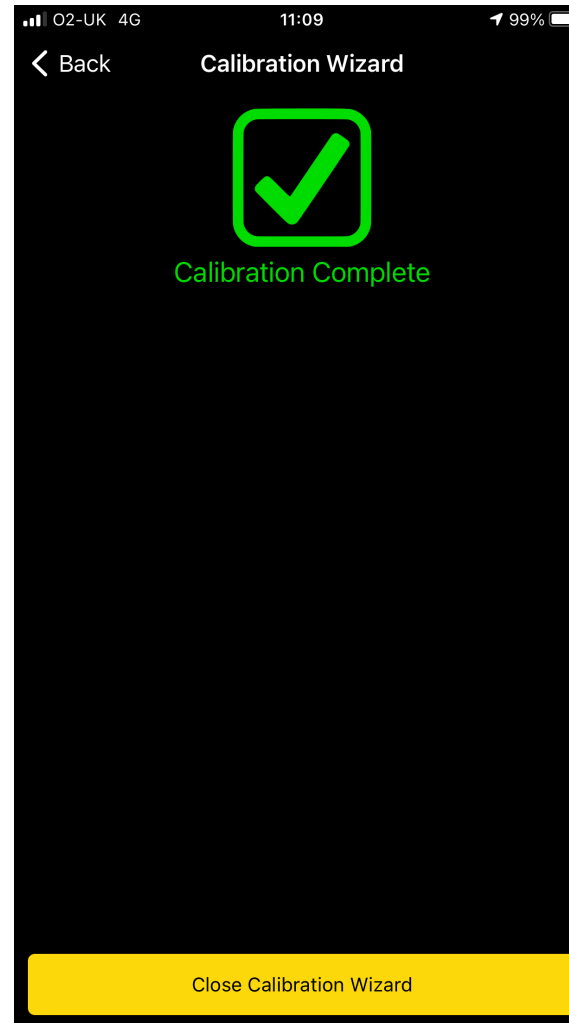- With a fully loaded vehicle raise the body to the "Weighing position" and enter the value from the weighbridge ticket
- Please note the **Gross weight** label**.**

- Click Next

Initial Calibration Process

- The system will confirm the calibration process is complete

- Click on "Close Calibration Wizard" to complete the process

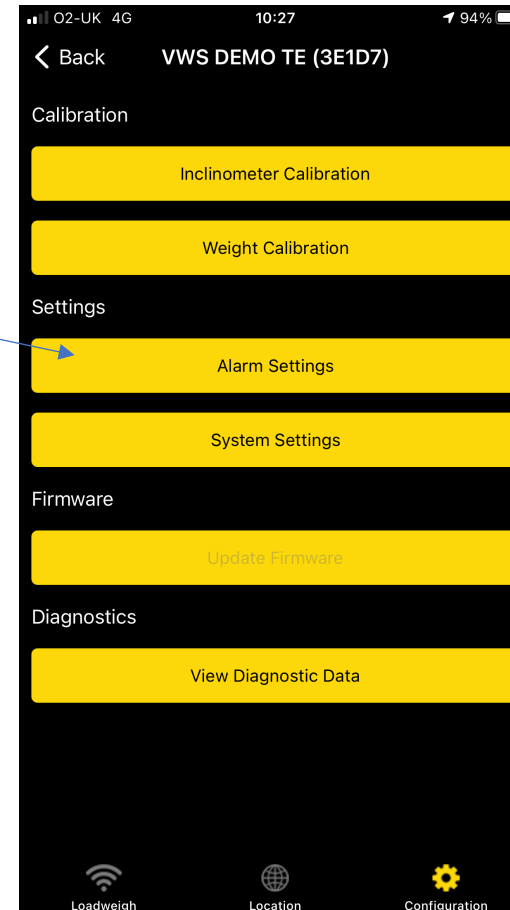**Settings Alarms point - overload**

Setting Alarm Points

- Click on the Configuration tab to view the alarm menu.

- The configuration menu can be in one of two locations;
  - Bottom left for IOS devices
  - Top right for Android devices

Setting Alarm Points - Overload

Click on Alarm settings to set or modify alarm points

Overload Alarms

Alarm Enabled – Activate or deactivate alarm by toggling the button

Output Enabled - This will toggle the output for the external sounder if fitted

Type – Select to set alarm by Net Weight or Gross Weight

Set Point (KG) - Set the alarm point

Hysterises (KG) – Delay /Lag between the alarm having sounded and the reduction in weight when the alarm is inactive.
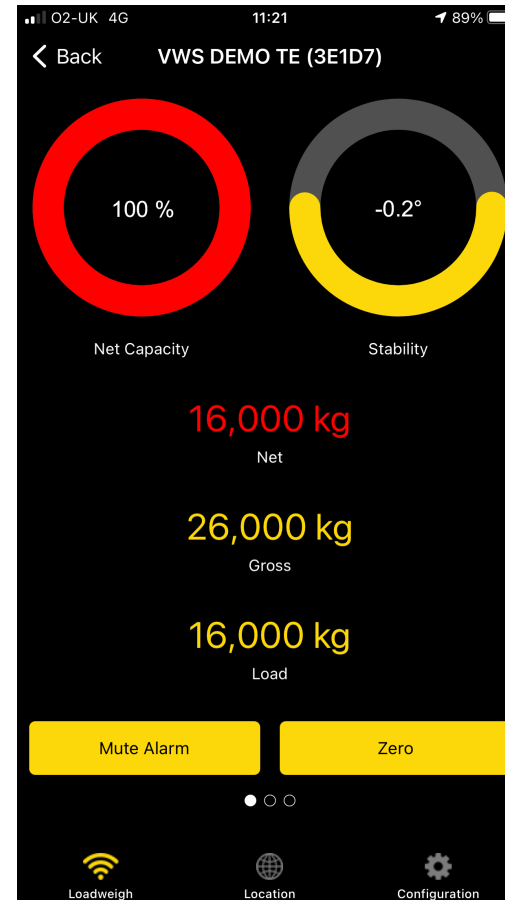
Delay – Delay in seconds before the alarm sounds
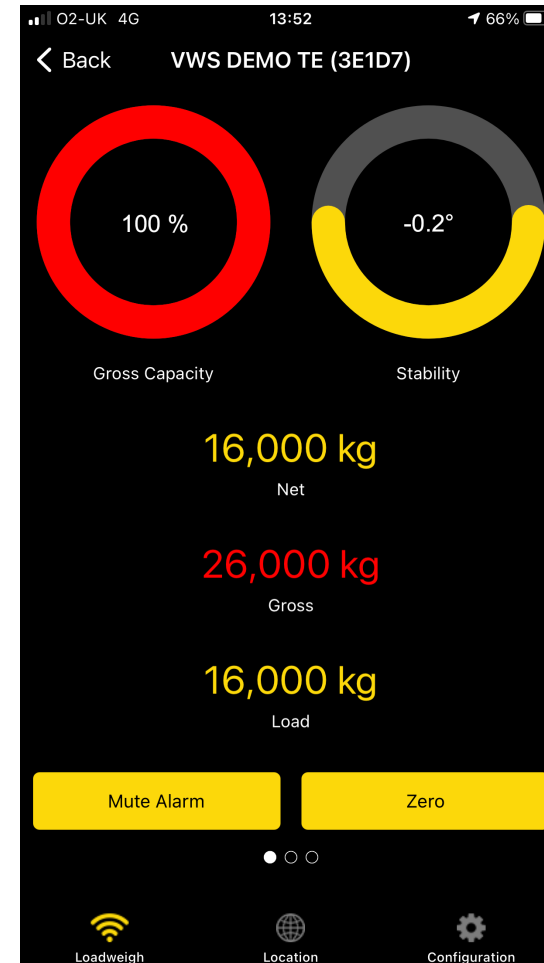
Overload Alarms

In this image the alarm Type has been set to Net and consequently the alarm alert is against excessive net weight

Overload Alarms

In this image the alarm Type has been set to Gross and consequently the alarm alert is against excessive Gross weight

Optimum Loads

The system dependent on the VWS Live web portal settings will identify optimum loads

If the alarm points have been set then a load that is less than Max Gross weight but more than Min target weight will show on the handset in green
In this example the settings on this device are as follows:

Vehicle Details

| Name	VWS Demo TE4
Registration	VWSDEMOTE4
Chassis Number	.
Vehicle Type	Tipper
Icon Colour	
Make	
Model	
Chassis Type	
Min Target Weight	25500 kg
Max Gross Weight	26000 kg
Max Train Weight	kg
Warranty Card Received	No
Service Contract Expiry	
Parts Warranty Expiry	15/05/2024
Labour Warranty Expiry	15/05/2022
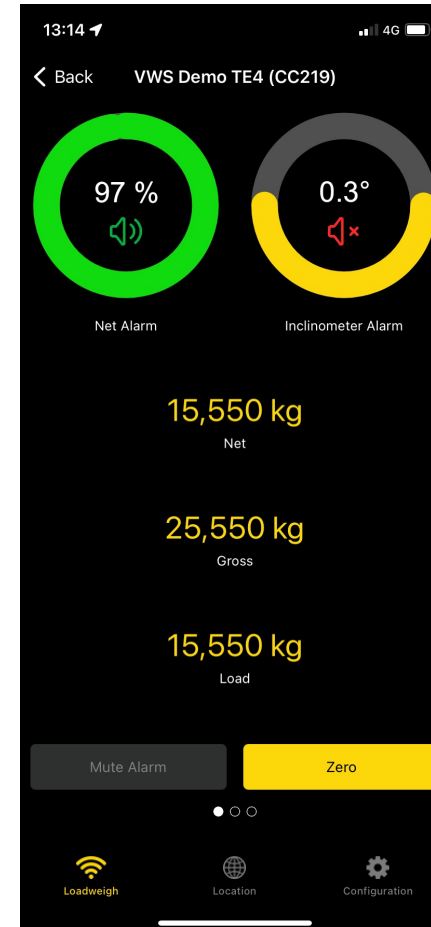
Settings Alarms point - Inclinometer

Inclinometer Alarm

Click on Alarm settings to set or modify alarm points
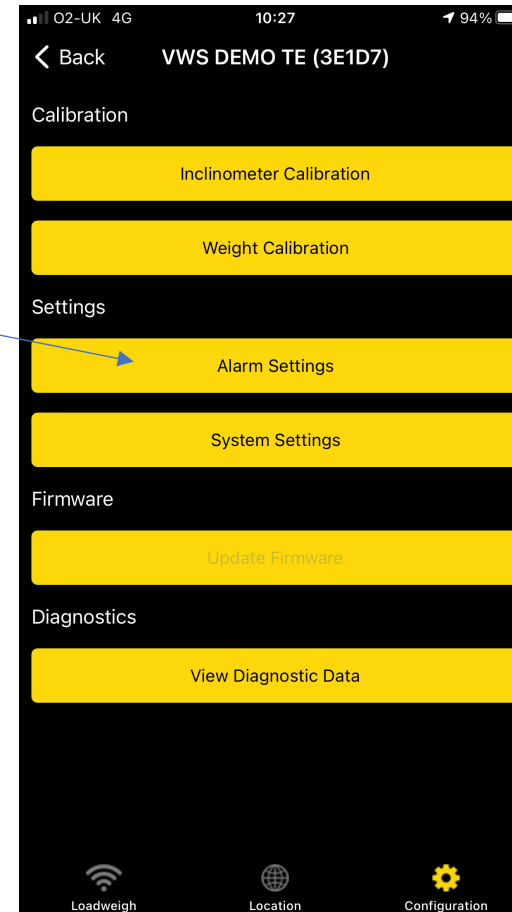
Inclinometer Alarm

Alarm Enabled – Activate or deactivate alarm to toggling the button

Output Enabled - This will toggle the output for the external buzzer

Set Point (Degrees) – Set alarm point for inclination alarm

Hysterises (Degrees) - Delay /Lag between the alarm having sounded and the reduction in angle when the alarm is inactive.
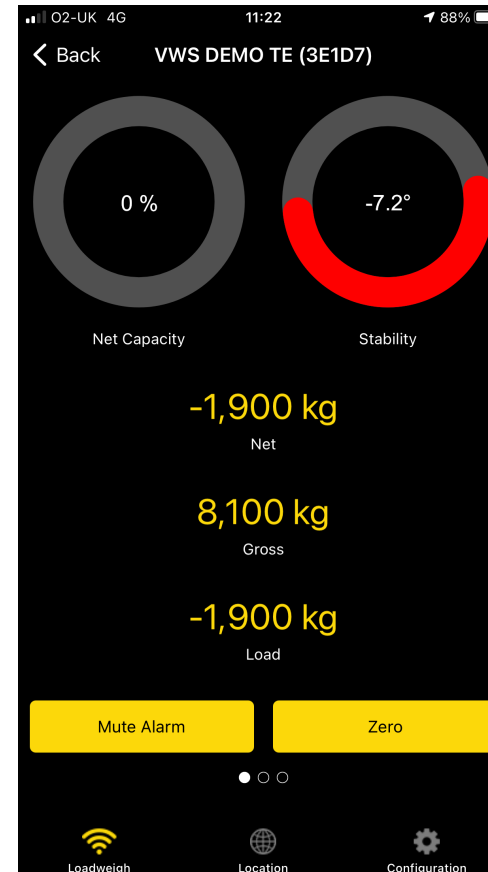
Delay – Delay in seconds before the alarm sounds

Inclinometer Alarms

In this image the stability alarm is active as the vehicle lean with the body raised has exceeded the inclination value set in the software.

Active / Inactive alarms

Alarms that are active are identified by a green speaker
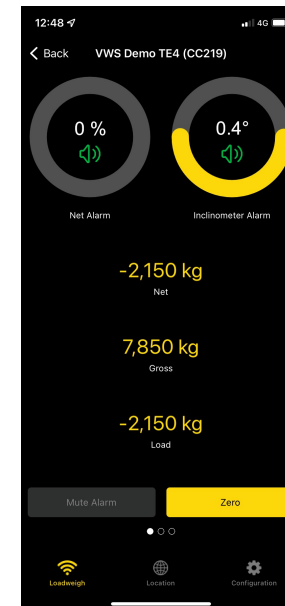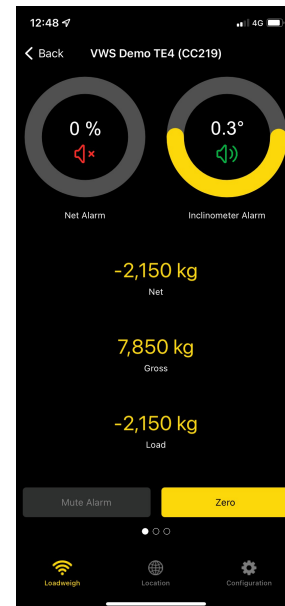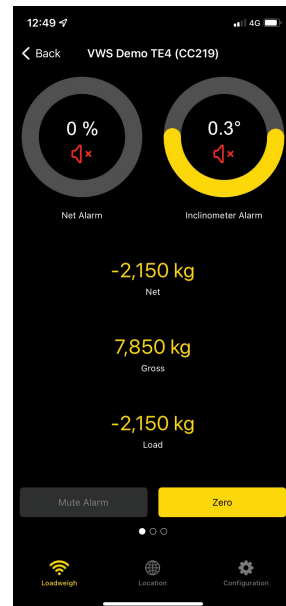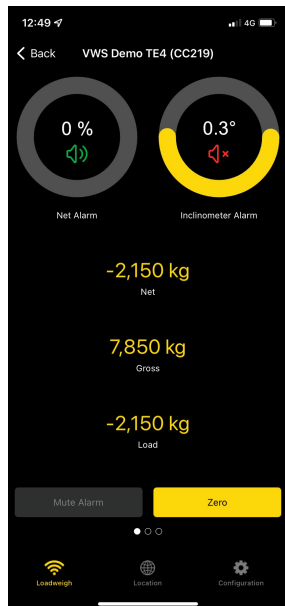If displaying in red they have not been activated in Alarm settings

Trouble Shooting connection issues

Q. Unable to connect to WiFi indicator

A. Check to make sure location services has been enabled on your device.

Apple IOS:
Settings, Privacy, Location Services, VWS Live

App – Select While using the app

Android:
Huawei Device – Settings, Security and Privacy, Location Service, VWS Live App – Select while using the app

Samsung Device – Settings, Location, VWS Live App – Select While using the app

Q. Is WiFi enabled on your handset
A. Enable WiFi

Q. Android Handsets require a setting to be enabled " Switch to mobile data when your WiFi internet connection is slow or unstable"

A. Swipe down the screen from top to bottom.
   A. hold down WiFi icon until WiFi access points load
   B. Top right corner click on three dots and select advanced
   C. Select switch to mobile data when your WiFi internet connection is slow or unstable.

End