

OWL Android Mobile User Guide



OWL



April 2022
OWL Version 1.7.2



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Onwave Locator (OWL)

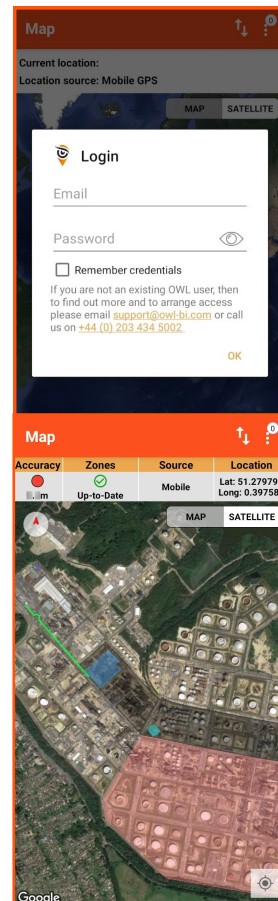
OWL is an aid for the management of Health, Safety and works on site. OWL uses satellite positioning in conjunction with geofences to trigger alerts.

When logged in, the GPS movements of your device will be monitored in relation to pre-defined geofences (shapes).

Your proximity to the geofences set up by your supervisors will provide hazards warnings, display the work areas and provide a detailed and up to date view of the entire project site.

The aim of OWL is to:

- ◆ Protect you
- ◆ Keep you informed
- ◆ Protect the Environment
- ◆ Boost productivity



OWL Benefits

Alerts

Aid health, safety and awareness of hazards on site

Zones

Define for users, groups, turn on/off visibility to ensure data is appropriate

Triggers

Allows capture of data based on arrival/departure from zones

Time Based Zones

Start and finish zones alerts based on configurable time parameters

Event Logging

Visible and actionable audit trail for site activities.

Getting Started

Installing the App

Start by installing the Onwave Locator App from in the Google Play Store, search "Onwave OWL".



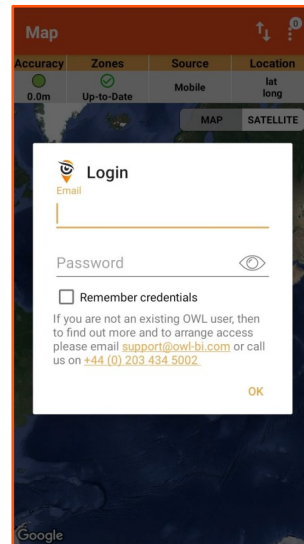
NOTE: It is important that you allow Push Notifications for the OWL app as they will provide important information relevant to you.

Logging in

When you open the OWL app the 'Login' page will appear. Enter your given company credentials.

To view your password, select the eye icon which will allow the password to be shown. To revert the change back, click the icon again.

Select 'Assign' for the GPS and External Storage, followed by 'Allow'. This will ensure that the app will work correctly.



<p>GPS</p> <p>This app collects location data to enable Zone based alerts, Lone worker safety and Messaging even when the app is closed or not in use.</p> <p>CANCEL ALLOW</p>	<p>External storage</p> <p>The OWL app will ask for permission to access your external storage to enable file sharing via the in-app messaging and task services.</p> <p>CANCEL ALLOW</p>
<p>Allow OWL to access this device's location?</p> <p>DENY ALLOW</p>	<p>Allow OWL to access photos, media and files on your device?</p> <p>DENY ALLOW</p>



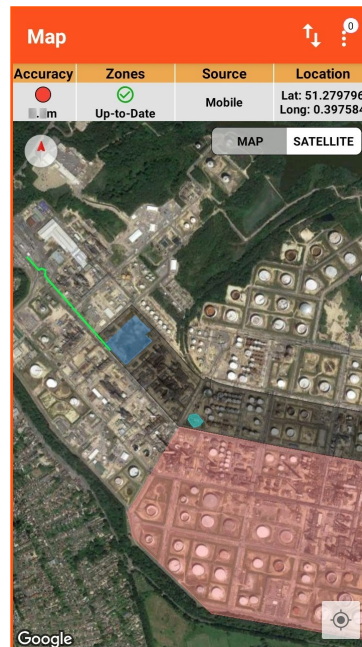
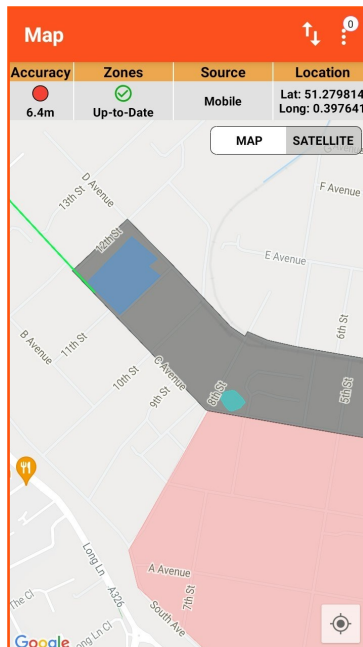
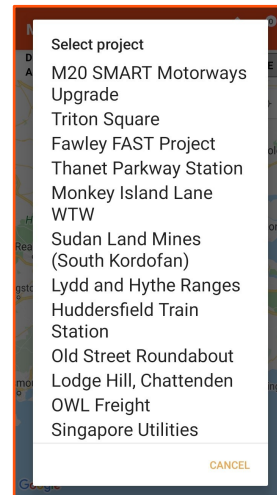
Getting Started

Project selection

A list of your projects will be displayed once you have logged in. Select the appropriate project.

Two map views will be available: 'map' and 'satellite'.

The view you have chosen will appear in white and the non-selected view in grey.



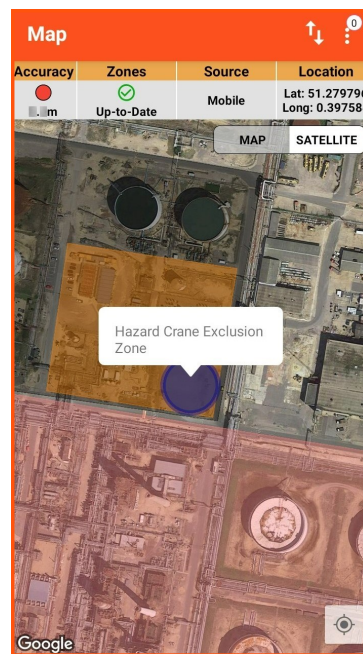
Interactive Map

To learn more about a shape, simply zoom in and select the shape.

The colour of the shape will change to show that it has been selected and an information pop-up will appear with the title and relevant information for the shape

When selecting a zone you can see any attachments associated to the zone.

NOTE: Shape information is created by your Project Administrator, for example this may include hazard information, show a work area related to a designated task.



Tasks

Statuses are:

- ◆ In Progress
- ◆ Paused
- ◆ Complete
- ◆ Failed
- ◆ Complete Confirmed

If user clicks related zone, this will take you to the Zone on Live View.

Overdue reason if the task has been completed later than stated 'End Date'.

The screenshot displays the OWL Tasks interface. On the left, a 'Tasks Categories' list shows various statuses with their respective counts: Planned (0), Assigned (14), Accepted (3), Paused (1), In Progress (1), Completed (10), and Failed (1). The main area shows details for task 'T2', including 'Created By', 'Parent Task', 'Date From', 'Date To', and a description 'Complete Site Briefing'. A 'Details' panel is open, showing 'Notes'. A 'T2 Related Objects' panel is also visible, listing 'Related zones' (Site Office) and 'Attachments'.

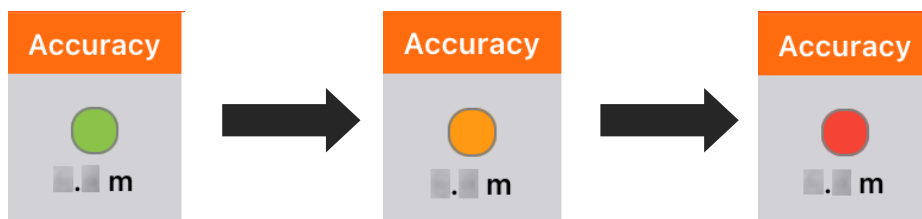
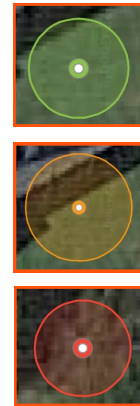
App Status Bar

Accuracy

User's accuracy status is shown on the app status bar and by the pin colour on the map view.

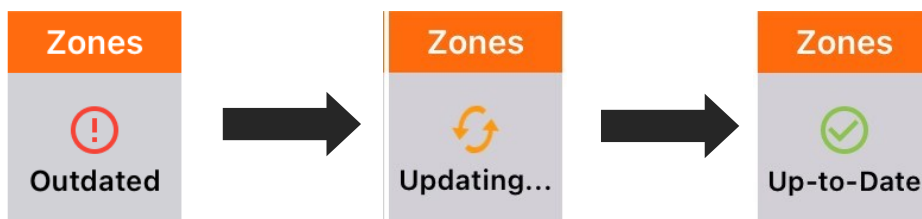
Colours in order of best to worst accuracy (accuracy parameters are configuration within the project): green, amber, red.

You will also receive push notifications when your accuracy has changed, likewise when your accuracy has increased.



Zones

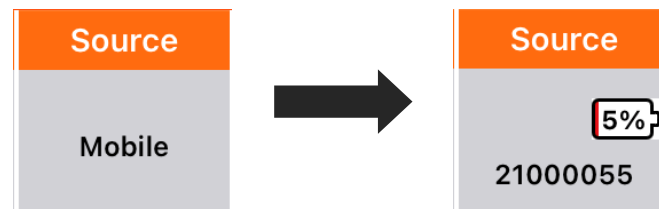
This shows whether the User's zone data is up to date or outdated. As changes are made on the platform and app, this information is immediately sent to the device. If you are in an area of extremely poor network connectivity it will then show as "outdated" and will update as soon as a small amount of connectivity is achieved.



App Status Bar

Source

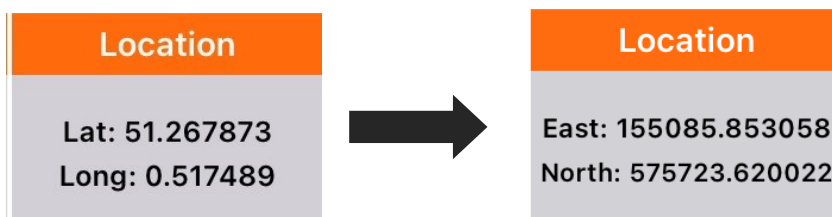
The source will show the current device that is emitting the user's location. This will change to your tags serial number with its battery status as soon as you are connected, within 'Connect Device'.



Location

The User's location can be shown in 2 ways:

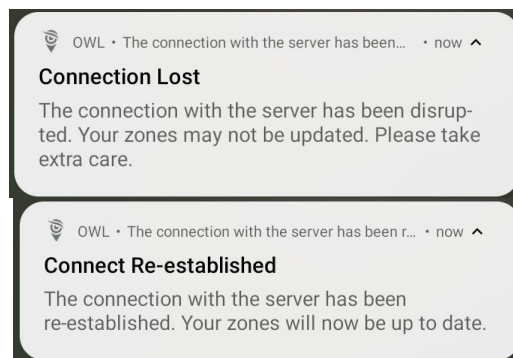
- ◆ Longitude and latitude (this is set at a default and shown as 'WGS84' in settings)
- ◆ Eastings and Northings (this is shown as 'OSGB36')



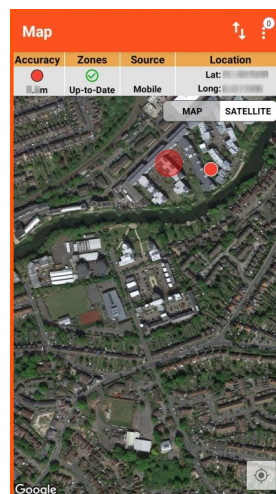
Signal R and Exclusion

When a user's connection is lost, a pop-up notification will be sent to inform them that their zonal data may be out of date due to this.

Once the connection is restored, the user will be sent another pop-up notification to let them know that their connection to the server has been regained.



Other User's exclusion zones are shown on the map as dynamic circle zones that move with the User.

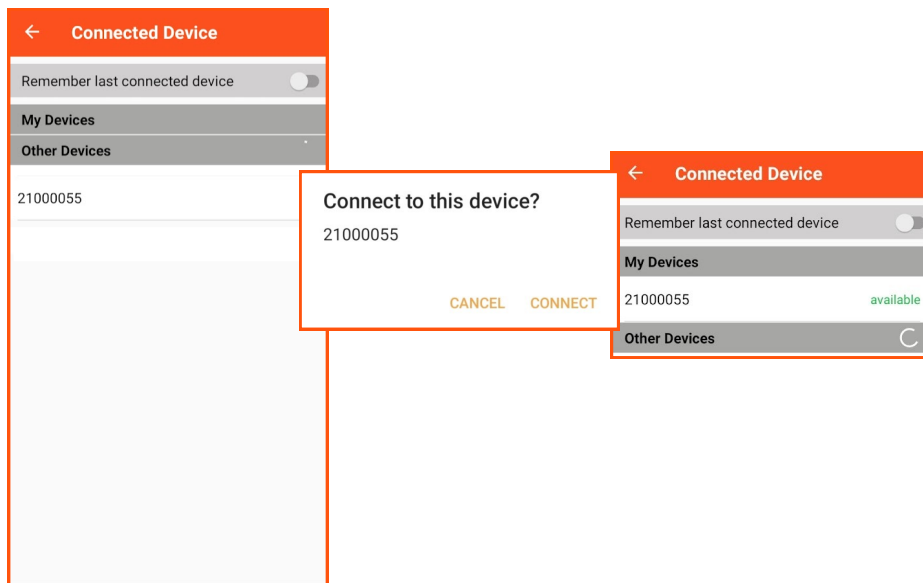


Connect Tag to Mobile App

Select the three dots and connect device to connect your tag.

If your device has charge, this will be shown as discoverable in 'Other Devices'. Find your device's serial number and select it. Once you have selected the device's serial number a pop-up will be shown to confirm that you wish to connect. After confirmation, the next pop-up will be shown to confirm that you are indeed connected.

If you return to the mobile app live view interface, your 'Location Source' will be shown as your device serial number and display the tags battery status.



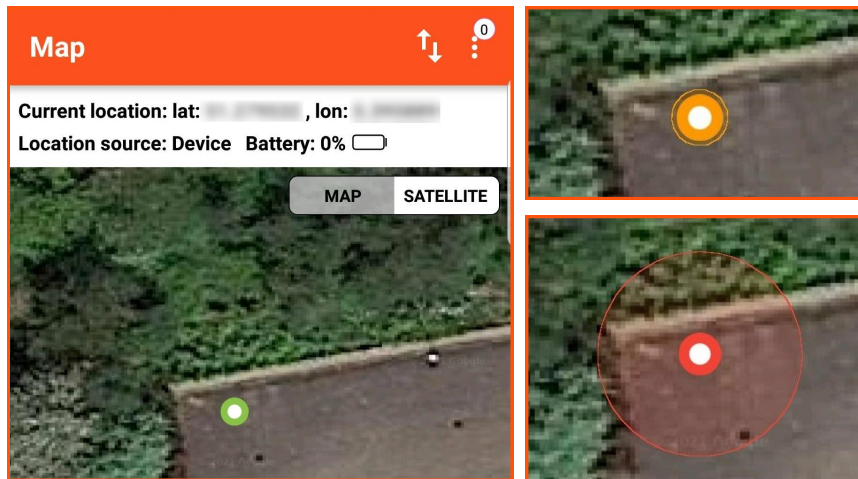
Live View Accuracy Status

You will notice that on the Live View status bar you will see a coloured circle and the user location pin is also coloured. This defines the user's accuracy based on the parameters set for the project within our web portal.

Colours explained in order of best to worst accuracy:

- ◆ Green
- ◆ Amber
- ◆ Red

You will also receive push notifications when your accuracy has changed, likewise when your accuracy has increased.

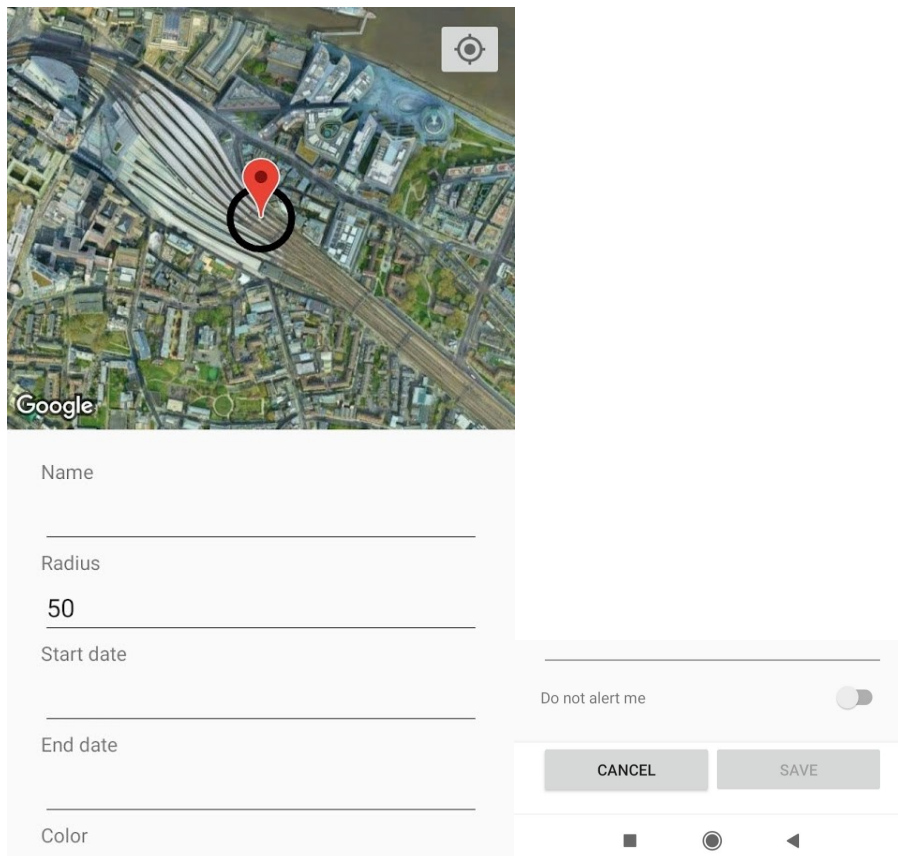


Create Zones at Location

Enable a circle zone default at your pin point location, but easily move around on the map to another location to draw a circle zone with the below automatic alerts created:

- ◆ Log Event (Entering)
- ◆ Alert Device User (Entering)

To exclude yourself to be alerted you can toggle this.



Settings

Enabling WGS84 will give you long and lat (default) and OSGB36 will give you Eastings and Northings. This will be shown on the mobile Live View interface next to 'Current Location'.

Enabling 'Biometric Authentication' will allow the user to log into the app from background mode to the live view to save the user from entering their credentials. This will be Face ID if you have this enabled or finger print recognition if you only have that. If you have both, you can enable both or either.

Map			
Accuracy	Zones	Source	Location
● 5m	✓ Up-to-Date	Mobile	Lat: 51.279854 Long: 0.397777

Map			
Accuracy	Zones	Source	Location
● 5m	✓ Up-to-Date	Mobile	East: 567327.325693

Settings	
Biometric Authentication	<input checked="" type="checkbox"/>
Grid Reference	WGS84 ▼

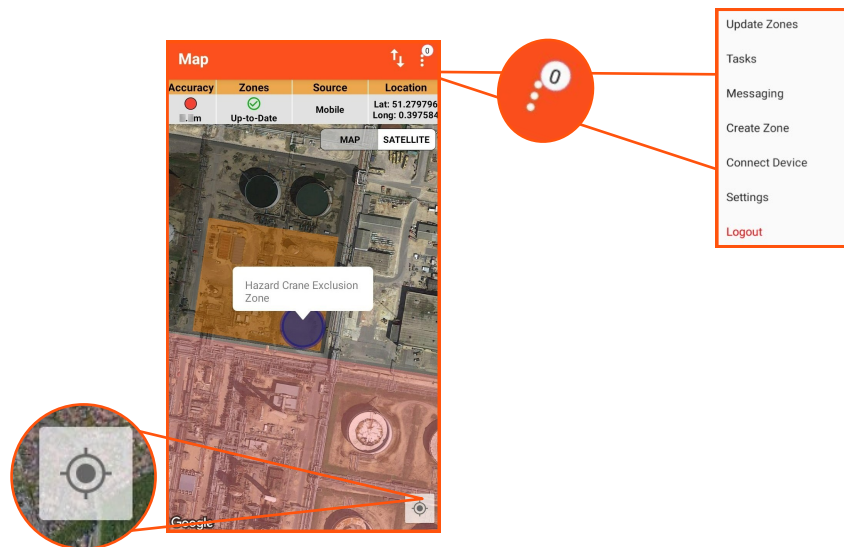
Navigation

The menu button has the following options:

- a) *Update zones* - manual updates may be required.
- b) *Tasks* – To view project tasks set by any admins
- c) *Messaging* - communication service between users.
- d) *Create Zone*
- e) *Connect Device*
- f) *Settings*
- g) *Logout* - when not using OWL you can logout here, this will take you back to the login screen.

Pressing the location button will centre the map view to your current location, indicated by your devices location.

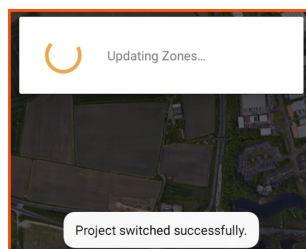
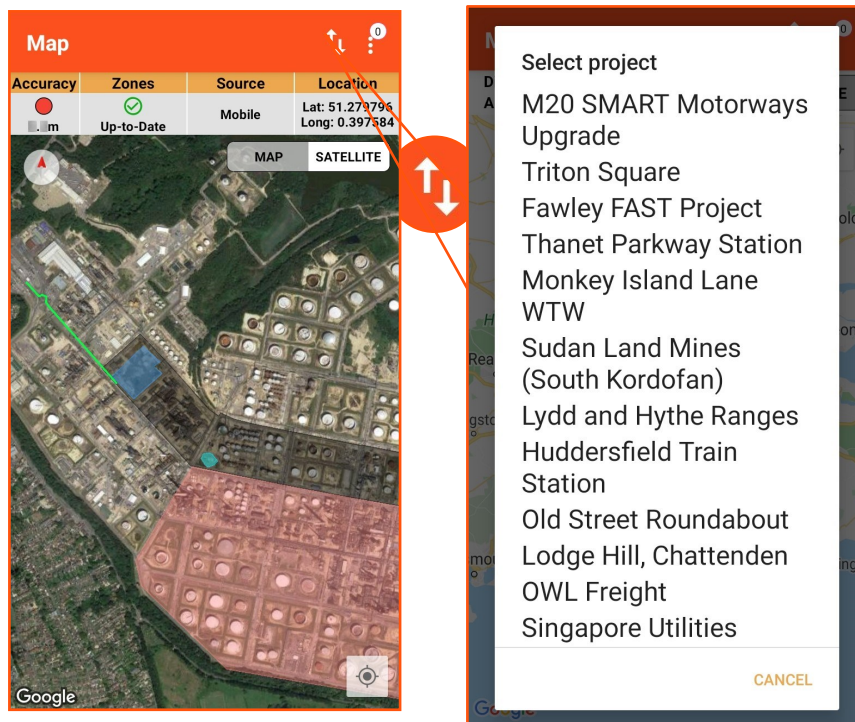
This will allow you to see where you are on site and in relation to the shapes around you.



Switching Projects

To switch Projects, simply press the *Switch* icon (up and down arrows) to bring up the *Select Project* menu.

The app will update and notify you with *Project switched successfully*. The chosen Project will then be available.

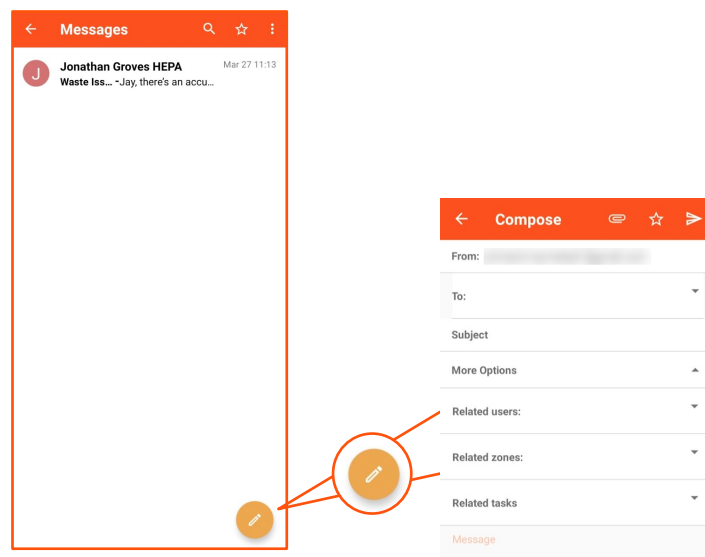


Messaging

Select the *Messaging* menu to view all correspondences.

To compose a new message, select the pencil icon at the bottom of the screen. There are several fields to complete; you also have the option to relate the message to a given zone or user.

- a) *Attachments* - you can add a camera roll image or a document from the device to provide more information
- b) *Archive* - select the star button to archive messages.
- c) *Send* - once complete select the send arrow at the top right hand corner.



Get in touch

Find out more and check out our video tutorials at:

www.owl-bi.com

For support:



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