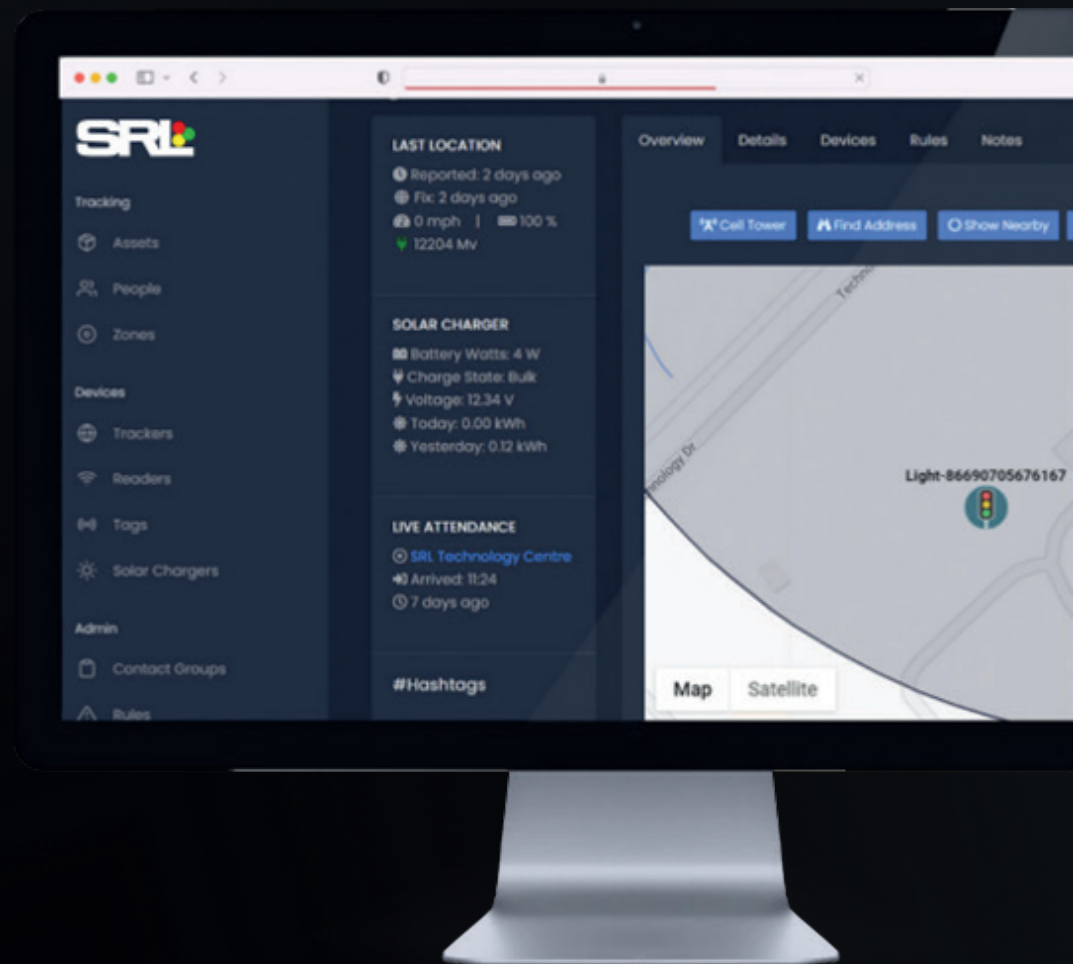


# SRL Telematics

## User Manual



Date: April 2026

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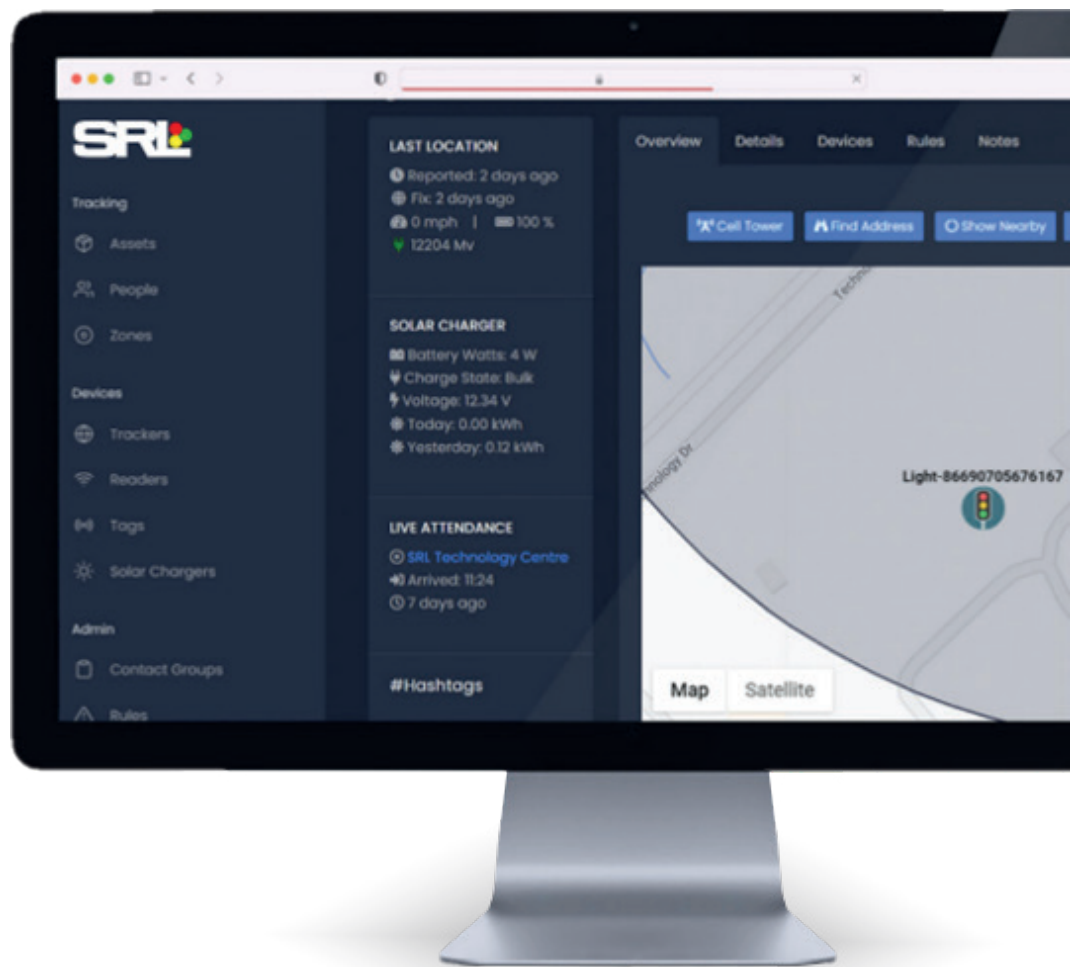


For **help and support** with SRL Telematics, contact Gary Reid.  
E: [gary.reid@srl.co.uk](mailto:gary.reid@srl.co.uk) | T: 07955 286 682

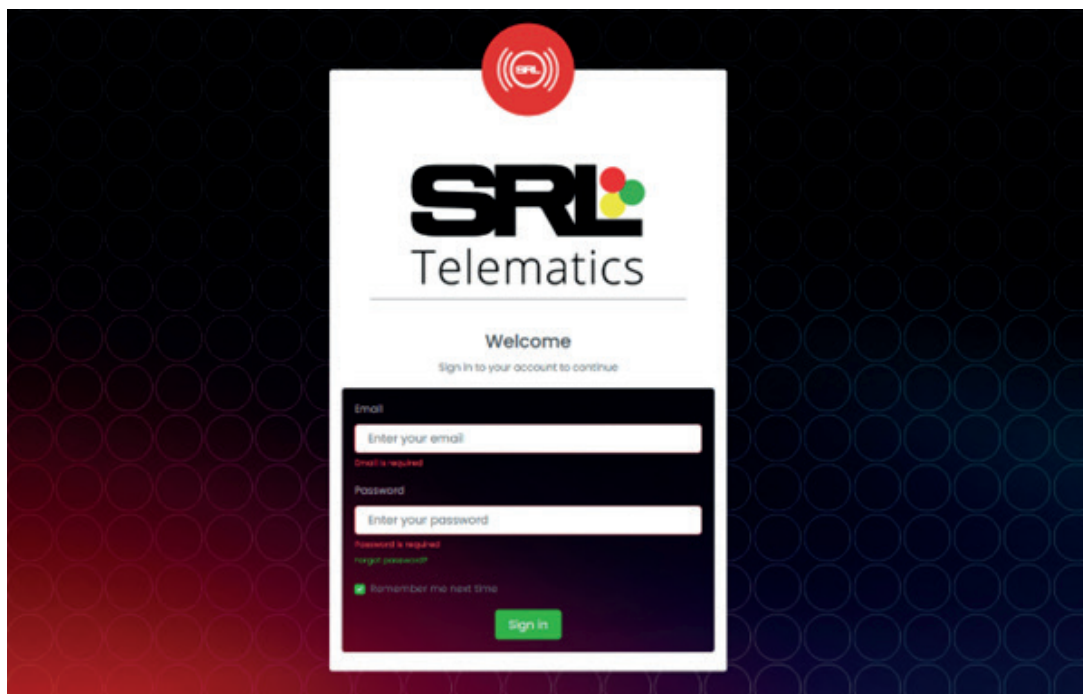
# 1 | Introduction

SRL Telematics is SRL's online traffic signal monitoring and management platform. Available 24/7 via a secure portal, it is a responsive system, optimised for use on laptops, tablets and phones.

Users login at [srltelematics.com](https://srltelematics.com)



## 2 | Getting started



### Registration & Login

Once an administrator has created your user account you'll receive an email from [support@srletelematics.com](mailto:support@srletelematics.com) with a link to create your password.

Once you've set your password you'll be able to login. Bookmark [srletelematics.com](http://srletelematics.com) (or save it to your phone's homescreen) for easy access.

### System Orientation

Each traffic light within SRL Telematics is termed an asset. Assets are associated with the GPS tracker installed within the traffic light. Users can track the live location of their assets. Additional information such as the time of last report, battery voltage, live signal status, weather conditions at the asset's location and information from solar chargers is displayed.

**The system is accessed and controlled via the main navigation:**

**Home** - GPS Map to show the location of all assets on a single map.

**Assets** - Search for assets by name or hashtag.

**People** - Search system users or tracked people.

**Zones** - Set up zones within the system to track assets to frequently visited places.

**Trackers** - Control the GPS trackers attached to assets.

**Readers** - Control the the Bluetooth Low Energy Readers associated with Zones.

**Tags** - Control the Bluetooth Low Energy Tags attached to assets.

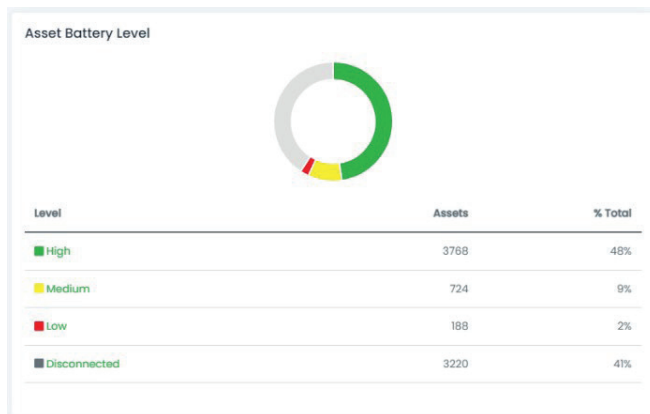
**Contact Groups** - Manage groups of email addresses & mobile phone numbers for alerts.

**Rules** - Set rules to be alerted on a specific condition, for example low asset voltage or assets entering a specific zone.

# 3 | Home Screen

Once logged in you'll see the SRL Telematics home screen. From here the main navigation (of your screen) enables quick access to the main areas of the system. Alternatively, use the search box to search for an asset, zone, tracker, tag, person or hashtag.

## Home Screen Tiles



In addition to home screen tiles showing reports, further tiles are available to show favourite assets, zones and people, and recent times.

The home screen shows a number of report tiles that take information from all your tracked assets within the system. The home screen tiles are designed to give you relevant information about your assets at-a-glance.

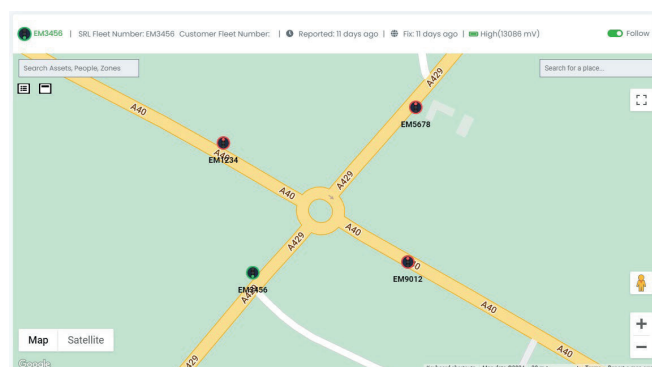
Click on the report tiles to view the data behind the graph.

Specific report tiles are available according to your user access level.

Name (Ref)	Last Seen
EM12469	Now

## Home Screen Map

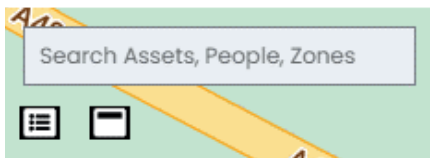
The home screen map shows all your tracked asset locations on a single map. Users can move around the map, select a satellite view & select Google Street-View imagery.



# 3 | Home Screen

## Map Search Boxes

There are two map search boxes at the top of the map on the left and the right.

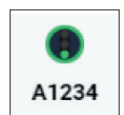


The left-hand search box allows users to search for assets, people & zones on the map. Using *autocomplete* the system will suggest results as you type.

The right-hand search box allows you to search the map for places and postcodes to view assets present at a specific location.

## Asset Information

Clicking on an asset icon selects that asset and shows high-level information for that asset above the map. Information shown includes when the tracking device last reported, when the location information was last updated, the current battery voltage of the asset, the last command sent to the asset and the red & green light status. Where red & green light status information is available, the asset map icon will update automatically to indicate the light status.



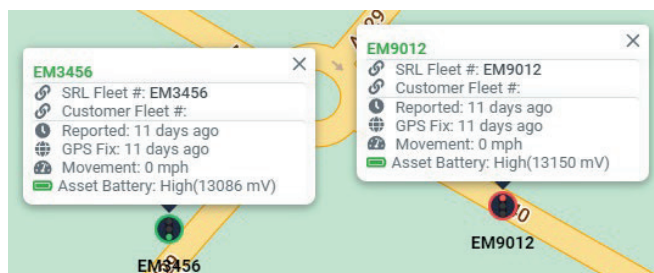
If the asset is moving, using the follow toggle means that the map view will automatically move to follow the asset.

## Tracking Detail

There are two buttons on the map that enable tracking device details for either one or multiple assets/people to be viewed within the map.



These buttons toggle information related to assets/people displayed on the map, either in a callout or a table.



# 4 | Asset Index Screen

Clicking assets from the main navigation takes you to the asset index screen. From here all assets are visible. The count shows the number of your assets.

Categories images are shown along with the asset counts for that type of asset. Clicking the appropriate category will only show that type of asset. Click again to remove the filter.

The screenshot shows the 'SRL Assets (9163)' interface. At the top, there's a 'Favourites' icon and a '+ Create New' button. Below is the 'Asset Summary' section with four category cards: Signals, REMOS, Barriers, and Other Assets. Each card lists specific asset types with their respective counts.

Asset Owner	SRL Fleet #	Customer Fleet #	SRL Product Name	Customer Reference	Asset Battery Status	Last Seen	Location Coordinates
Asset-369137							Waiting...
SRL	CCTV0103M		SRL CCTV	CCTV-0103M	High(12888 mV)	an hour ago	50.862205,-3.327089
SRL	CCTV0130M		SRL CCTV	CCTV-0130M	Disconnected	4 months ago	52.467359,-1.725354
SRL	CCTV0101M		SRL CCTV	CCTV-0101M	Disconnected	3 days ago	51.598816,0.216402
SRL	CCTV0105M		SRL CCTV	CCTV-0105M	High(12383 mV)	7 hours ago	51.367186,-0.687855

The table displays the asset owner, SRL Fleet number, customer fleet number, SRL product name and Customer Reference. The remaining columns show battery status, time since the tracking device last reported and location information.

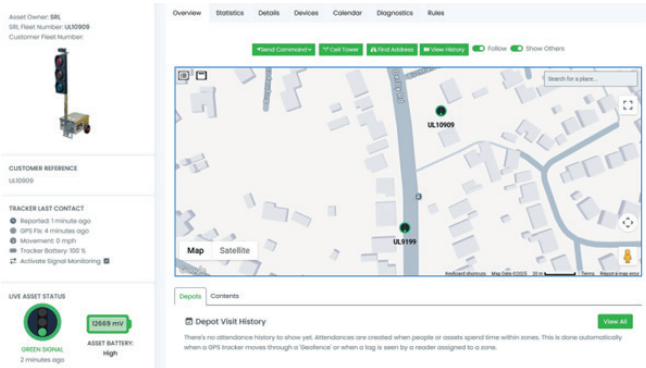
Clicking on an asset fleet number or reference takes you to the asset screen.

## Index Search

Using the search box within the table you can quickly and easily filter the table to find the assets or hashtags you are interested in

# 4 | Asset Index Screen

From the asset screen, you can instantly see key information about the tracked asset.



Assets can be added to your list of favourites by clicking on the heart next to the asset name. Favourite assets are available for easy access from the home screen.

The asset name, time of last report, speed, tracker battery status and asset voltage status are located in the **Last Location** section on the left of the screen. An hourglass symbol indicates that the command is pending, and a checkbox shows that the command was successfully received and acknowledged by the asset.

## Tracker Last Contact

The last location information is automatically updated based on the latest data received from the asset. The area shows when the last report was received, when the last location (fix) was received, the most recent battery voltage, and the last command sent to the asset. An hourglass symbol shows that the command is pending and a checkbox shows the command was successfully received and acknowledged by the asset.

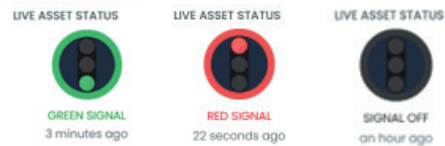
## Depot Visits

Depot visit information is also displayed, if the asset's tracking device is reporting that they are inside a recognised depot. Where they are not inside a zone the Last depot visit information is shown.

## Live Signal Monitoring

Where enabled, live signal monitoring shows the current light signal status. Either red light on, green light on or red & green off.

The system updates automatically and this is indicated with the icons which shows the last signal change to show the signals are functioning.



If live signal monitoring is available but not yet enabled, it can be activated by clicking on the activate button. Live signal monitoring only needs to be enabled once, it remains active.

# 4 | Asset Index Screen

## Solar Charging Statistics

Our system provides a detailed overview of your solar charging performance, including charger status, voltage, current, load, and energy yield, along with battery voltage and charge levels. Data is presented in easy-to-read graphs and summary tables, giving you a quick, clear insight into energy generation and battery health. This helps you monitor performance, optimize usage, and ensure your system is always working efficiently.

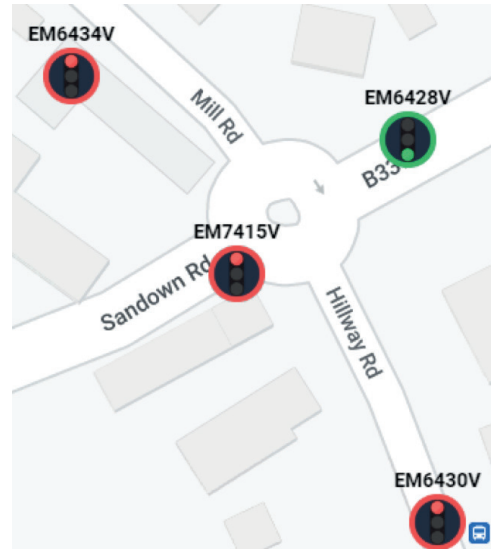


# 5 | Asset Screen

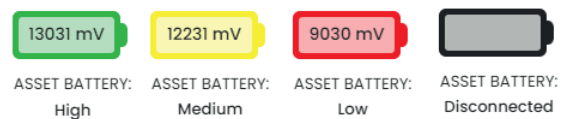
Using the 'show others' toggle above the asset map it is possible to view the signal status of a cluster of lights deployed at a site.

**Important Note:** The tracking devices use mobile phone SIM cards to communicate their light status. In areas with marginal mobile reception, it is possible that some messages may not arrive in order and some messages could be missed altogether. This means that when viewing a cluster of lights in a site, the system could show information several seconds out of date.

Live signal monitoring is not designed to time the phasing of lights remotely, but to verify that lights are cycling through the signals and are not 'stuck'.



Asset battery information is also displayed, with asset battery voltages grouped into four categories.



### Solar Charger

Where an asset has a solar charger connected the solar charger information is shown.

#### SOLAR CHARGER

- Battery Watts: 2 W
- Charge State: Float
- Voltage: 13.2 V

### Battery Watts

The amount of power coming out the battery. A negative number indicates power is being drawn from the battery.

### Charge States

The charge state could be one of the following:

**Bulk** - The battery is being charged.

**Float** - The battery is fully charged & trickle charging (topping up).

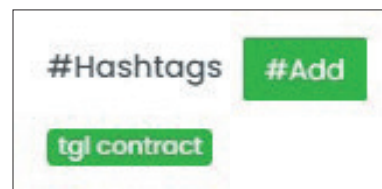
**Absorption** - The moment between bulk and float, (only a brief visible status).

### Voltage

The critical factor, this number must remain above 11v for the signal to function.

### Hashtags

Hashtags can be applied to assets, people & zones to enable quick and easy searching, and filtering.



Add hashtags by clicking the #Add button. Remove hashtags by clicking on the hashtag box and confirm removal using the onscreen prompt.

# 5 | Asset Screen

Asset Owner: SRL  
 SRL Fleet Number: JJA5990  
 Customer Fleet Number: ZZQ5990



**Profile Picture** - The profile picture shows the SRL product and owner/fleet number information.

**Overview Tab** - The first tab to load on the asset screen, just above the map.

**Statistics Tab** - Compiles data about the asset in several graphical reports (where available).

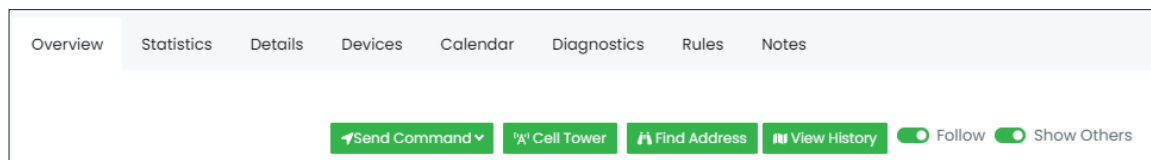
**Details Tab** - Allows the asset details to be changed.

**Tasks Tab** - Scheduled, completed and outstanding tasks associated with this asset.

**Diagnostics Tab** - Prints data received by the connected devices to assist with troubleshooting.

**Calendar Tab** - Captures events associated with the asset on a calendar. Events capture include: traffic signal site deployment, zone attendance & alerts raised.

**Rules Tab** - Shows the rules that the asset is a member of.



**Send Command** - Where available, this allows the user to send a command to the asset. Available commands include reboot to reboot the asset's tracking device and location request to ask the tracking device to report an up-to-date location.

The most recently sent command and the command status is available in the Last Location area. An hourglass symbol shows that the command is pending, and a check box shows the command was successfully received and acknowledged by the asset.

**Cell Tower** - Looks up the location of the mobile phone mast the tracking device is connected to. This feature is useful when there is a discrepancy between the time of the last report and time of the last fix (location).

**Find Address** - Looks up the street address of the current location.

**View History** - Takes the user to the location history page.

**Follow Toggle** - With the Follow Toggle enabled, the map will automatically move around to follow the asset as it moved. If the Follow Toggle is disabled, the map will not move and the asset could move out of view.

**Show Others Toggle** - Enabling this toggle shows other nearby assets on the map. This is useful for checking the light status of nearby signals.

**Asset Detail** - There are two buttons on the map that enable asset details for either one or multiple assets to be viewed within the map.



### Depot Visit History

Where depot zones have been created in the system, assets will automatically register their attendance at zones within the depot visit history.

The arrival time, departure time and duration are automatically calculated and displayed in the timeline.

The most recent attendance data is displayed on the asset screen, however all data is available by clicking the view all button.

The following page provides all data available for view in a timeline, table and exportable to CSV. A date picker allows the user to focus on a set of specific dates.

In Depot

**SRL D10 - Wigan**

srl depot

➔ Arrived: 24/07/2024 12:46

🕒 In Depot: 13 days

---

Depot Visit History

**SRL D10 - Wigan 19/07/24**

srl depot

➔ Arrived: 11:02

➔ Departed: 13:49

🕒 Duration: 3 hours

### Statistics Tab

The statistics tab (where available) compiles data about the asset in several graphical reports.

The specific reports available will vary by asset and the connected devices (for example whether or not the asset is associated with a solar charger).



### Details Tab

The details tab allows the asset details to be changed.

Users can update the customer reference only.

Overview Statistics Details Devices Calendar Diagnostics Rules

**Details**

Icon

Asset Owner

SRL

SRL Fleet Number

AED4043

SRL Product Name

SRL Ultralight Signal

Customer Fleet Number

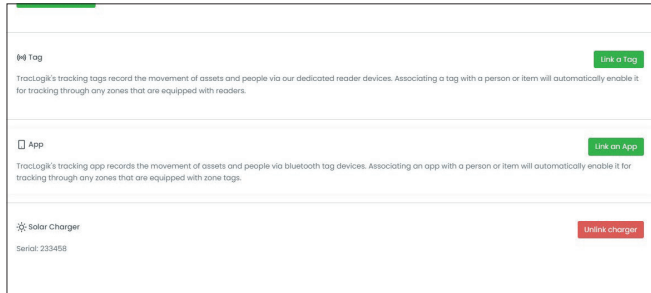
QUT4043

Customer Reference

TTM01

Save Delete

## Depot Visit History



The devices tab shows users which devices are connected to the asset.

**GPS** - This area shows the serial number of the connected GPS tracker. GPS trackers can be unlinked from an asset if required.

Note: GPS trackers will not store data unless they are linked to an asset.

**Tag** - Tracking tags record the movement of assets and people via TracLogik's dedicated reader devices. Associating a tag with a person or item will automatically enable it for tracking through any zones that are equipped with readers.

Tags are added and removed from assets from this screen..

**Solar Charger** - If the asset has a solar charger its serial number is recorded here. Solar Chargers can be unlinked from an asset if required.

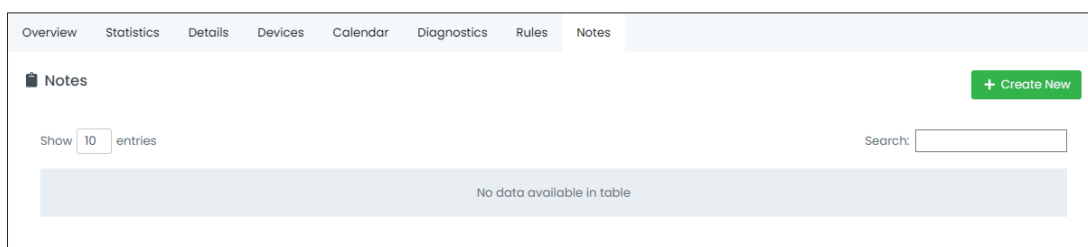
**Calendar Tab** - The calendar tab captures events associated with the asset on a calendar. Events capture include: traffic signal site deployment, zone attendance & alerts raised.

**Diagnostics Tab** - The diagnostics tab prints data received by the connected devices to assist with troubleshooting.

**Rules Tab** - The rules tab shows the rules that the asset is a member of.

Rules are described in detail on page xx.

**Notes Tab** - The notes tab allows users to record notes about a specific asset.

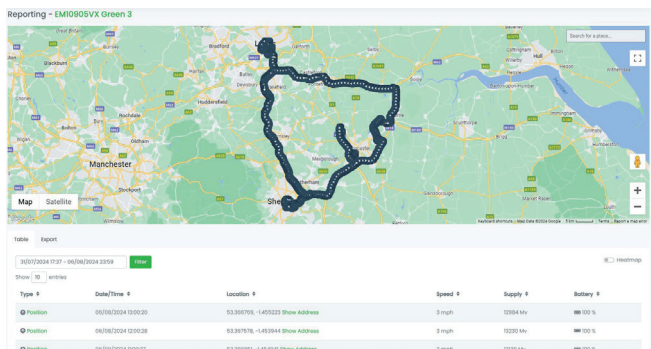


# 6 | Asset History Screen

The GPS history screen can be accessed via the asset screen (click on 'View History').

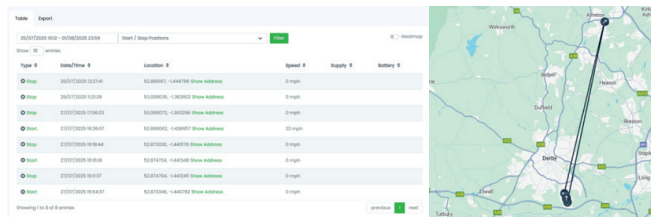
The asset history screen is split into two distinct halves. The map at the top, displaying locations and the table at the bottom showing the date/time, location (latitude and longitude), along with additional information including recorded speed, battery voltage and tracking device battery percentage.

The data range for the history is selected using the date / time picker in the centre of the screen. Simply click the box, choose your dates / times, click 'Apply' and then click 'Filter'.



## History Range

You can now filter to the just start to stop. This allows for a clean map and will just show the start and end points if the journey isn't required.



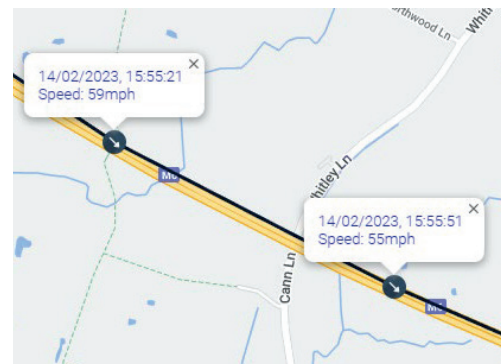
## Map Position Information

Clicking a position on the map shows a dialogue box which gives further information relating to that position.

Date, Time, Speed

The direction of the arrow displayed on the map indicates the heading of the recorded position.

Data can be exported from the system using the 'Export' button with the export tab



# 7 | Zone Index Screen

Clicking Zones from the main navigation takes you to the zone index screen. From here all zones are visible. The count shows the number of zones.

Users can create zones in the system to highlight specific areas, for example worksites, depots or other areas of interest. Once zones are created the system will generate reports of assets present within zones.

Name	Reference	Contents	Hashtags
SRL C1 - Central Hire Desk		0	<a href="#">#</a> <a href="#">#</a>
SRL D1 - Manchester		85	<a href="#">#</a> <a href="#">#</a>
SRL D10 - Wigan		69	<a href="#">#</a> <a href="#">#</a>
SRL D11 - Nottingham		35	<a href="#">#</a> <a href="#">#</a>
SRL D12 - London East		38	<a href="#">#</a> <a href="#">#</a>
SRL D13 - Swansea		20	<a href="#">#</a> <a href="#">#</a>
SRL D14 - Carlisle		5	<a href="#">#</a> <a href="#">#</a>
SRL D15 - Exeter		24	<a href="#">#</a> <a href="#">#</a>
SRL D16 - Inverness		0	<a href="#">#</a> <a href="#">#</a>
SRL D17 - London South		43	<a href="#">#</a> <a href="#">#</a>

The table displays the zone name and where present a reference is shown in brackets. The contents shows a count of the number of assets or people present within a zone.

Any hashtags associated with the zone are shown.

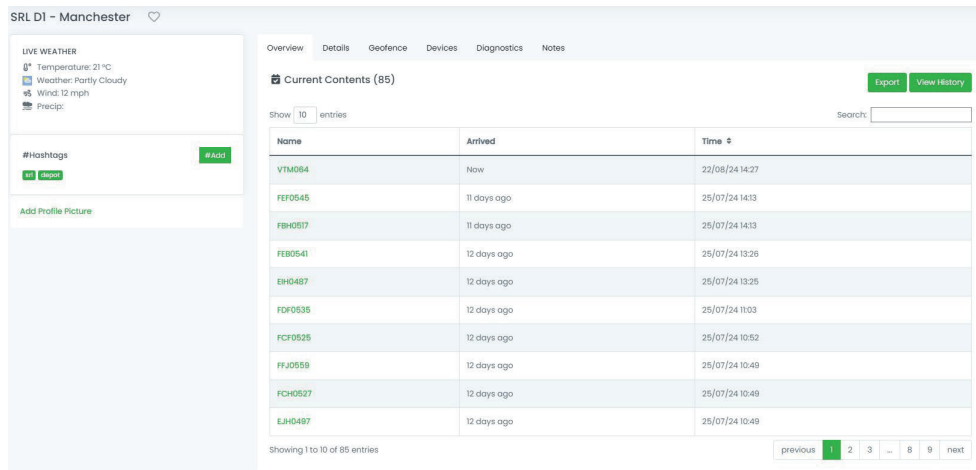
Clicking on a zone's name takes you to the zone screen

## Index Search

Using the search box within the table you can quickly and easily filter the table to find the people or hashtags you are interested in. Clicking on a hashtag within the table also performs an instant search to show just that hashtag.

# 8 | Zone Screen

The zone screen shows details of the selected zone.

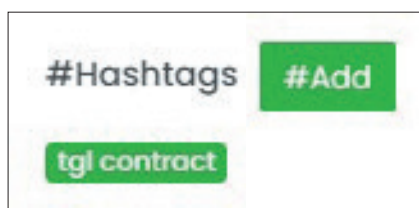


## Hashtags

Using the search box within the table you can quickly and easily filter the table to find the people or hashtags you are interested in. Clicking on a hashtag within the table also performs an instant search to show just that hashtag.

The hashtags currently associated with the zone are shown in blue boxes. To add a new hashtag click the add button and follow the onscreen prompts.

To remove a previously added hashtag, click on the hashtag box and confirm removal using the onscreen prompt.



## Overview Tab

The overview tab shows a list of the current contents of the zone – people and assets. The current contents can be exported by clicking on the export button.

Current Contents (85)

Show  entries

Search:

Name	Arrived	Time ↕
VTM064	Now	22/08/24 14:27
FEF0546	11 days ago	25/07/24 14:13
FBH0517	11 days ago	25/07/24 14:13
FEB0541	12 days ago	25/07/24 13:26
EIH0487	12 days ago	25/07/24 13:25
FDFO536	12 days ago	25/07/24 11:03
FCFO525	12 days ago	25/07/24 10:52
FFJ0558	12 days ago	25/07/24 10:49
FCH0527	12 days ago	25/07/24 10:49
EJH0497	12 days ago	25/07/24 10:49

Showing 1 to 10 of 85 entries

previous 1 2 3 ... 8 9 next

The asset or person name is shown with their arrival time and how long they've been present within the zone.

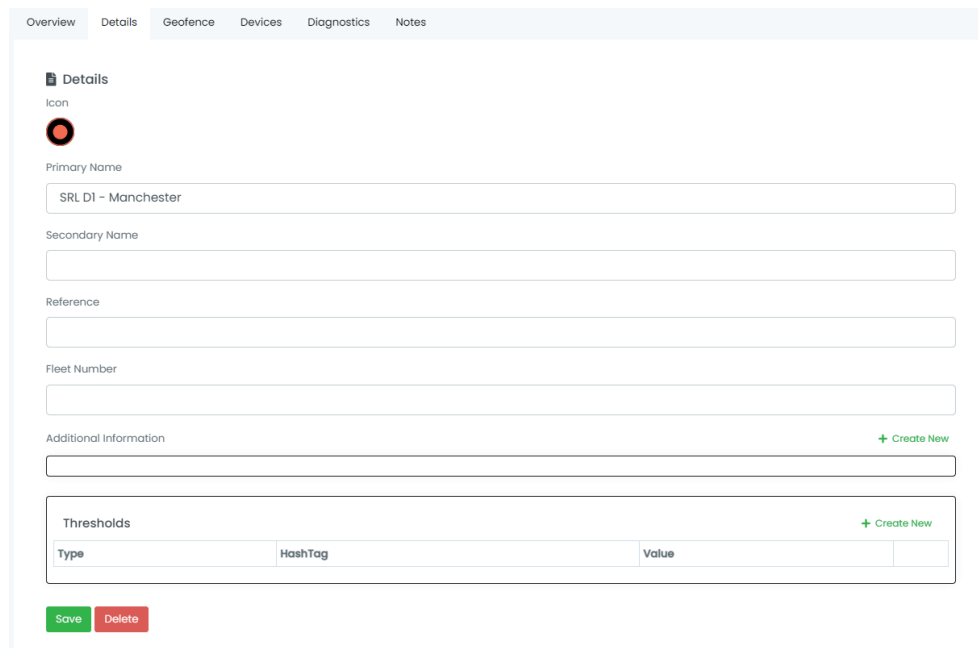
Historical contents information is available by clicking on the 'View History' button. Historical contents can be filtered by date/time and is shown as either a timeline or a table showing the arrival time, exit time and duration of the visit. This data can be exported to CSV

## Details Tab

The details tab allows the zone details to be changed.

Users can update the Primary Name, Secondary Name, Reference & Icon.

Additional information can also be added to show any additional information required by the user. To add more additional information field, click 'Create New' and follow the on-screen prompt.



Overview Details Geofence Devices Diagnostics Notes

**Details**

Icon

Primary Name

SRL D1 - Manchester

Secondary Name

Reference

Fleet Number

Additional Information [+ Create New](#)

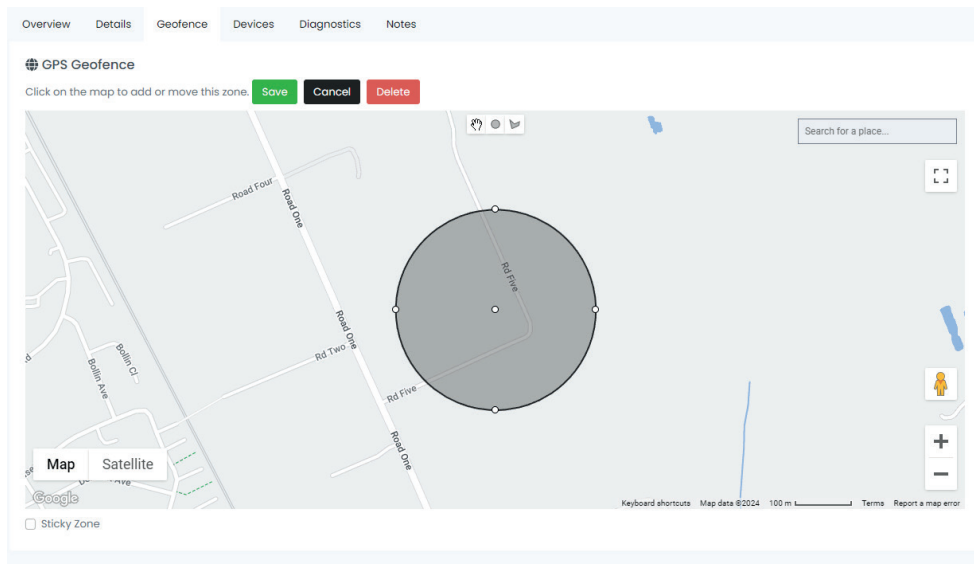
Thresholds [+ Create New](#)

Type	HashTag	Value

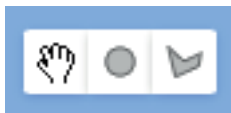
[Save](#) [Delete](#)

## Geofence Tab

The overview tab shows a list of the current contents of the zone – people and assets. The current contents can be exported by clicking on the export button.



The zone's geofence is added and modified from this screen, using the geofence creation tools at the top of the map.



Draw either circular geofence (middle icon) or a polygon geofence (right-hand icon) over the map area that contains the zone.

Click Save to save changes.

**Devices Tab** - Devices such as Bluetooth receivers can be associated with a zone. These devices monitor the zone for the presence of TracLogik Bluetooth tracking device which are associated with people or assets. When a device detects the presence of a TracLogik Bluetooth tracking device it's attendance is recorded within that zone.

Readers can be unlinked from this screen. Note that once a reader is unlinked, its data will not be recorded.

**Diagnostics Tab** - The diagnostics tab prints data received by the connected devices to assist with troubleshooting.

**Notes Tab** - The notes tab allows the user to associate notes with the zone.

# 9 | Map Screen

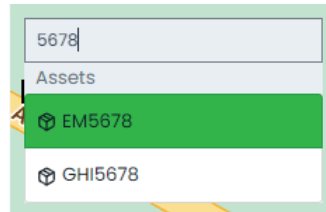
The map screen shows all assets and people on a map. Users can move around the map, select a satellite view & select Google Street-View imagery.



To filter the Map to show only specific assets please click



This will show a drop down of all assets allowing you to only see asset types.



### Map Search Boxes

There are two map search boxes at the top of the map on the left and the right.

The right-hand search box allows users to search for assets, people & zones on the map. Using autocomplete the system will suggest results as you type.

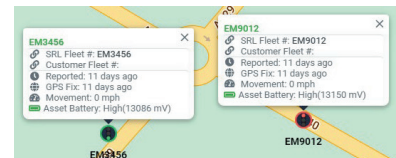
The left-hand search box allows you to search the map for places and postcodes to view assets present at a specific location.

### Tracking Detail

There are two buttons on the map that enable tracking device details for either one or multiple assets/people to be viewed within the map.



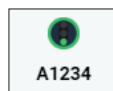
These buttons toggle information related to assets/people displayed on the map, either in a callout or a table.



### Asset Information

Clicking on an asset icon selects that asset and shows high-level information for that asset above the map. Information shown includes when the tracking device last reported, when the location information was last updated, the current battery voltage of the asset, the last command sent to the asset and the red & green light status. Where red & green light status information is available, the asset map icon will update automatically to indicate the light status.

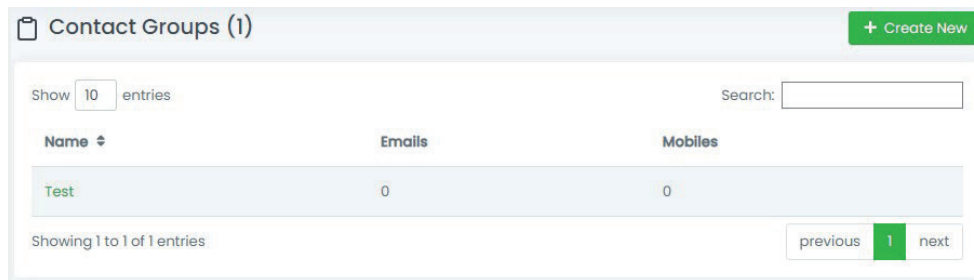
If the asset is moving, using the follow toggle means that the map view will automatically move to follow the asset.



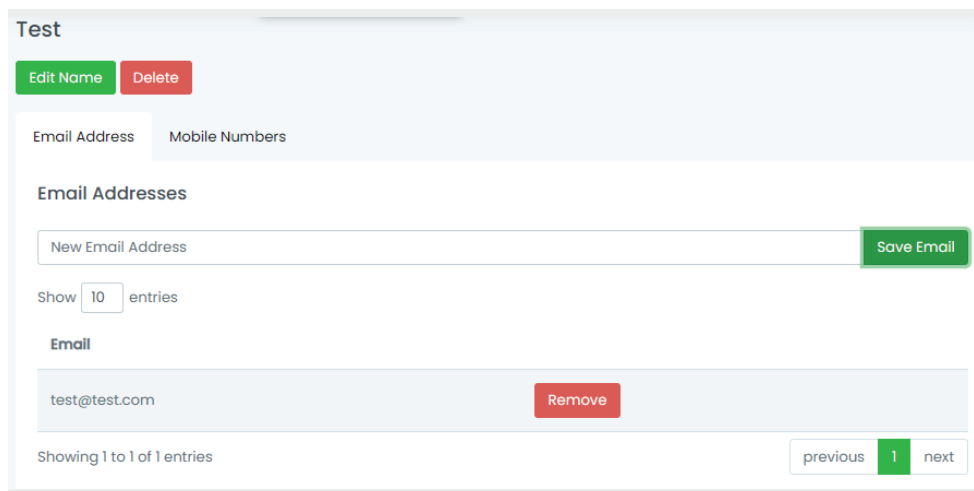
# 10 | Contact Groups

Contact groups can be created to enable rules to send real-time alerts to via email and SMS text message.

Each rule must have a contact group associated in order to send alerts.



To create a new contact group click the blue 'Create New' button from the contact group index screen. Name the group and add email addresses and mobile phone numbers.



# 11 | Rules Screen



Rules enable you to set conditions and receive alerts, for example for when assets move, enter zones or run low on a battery.

## Rule Types

The rules index shows all the created rules within the system. Clicking the Rule Name allows you to edit the rule.

## Rule Types

There are a number of different rules to choose from.

- **Entering Zones** - Receive an alert when assets or people enter a selected zone.
- **Exiting Zones** - Receive an alert when assets or people leave a selected zone.
- **Low Battery** - Receive an alert when your tag or tracker battery is running low.
- **Low Voltage** - Receive an alert when the wired supply voltage to a tracker falls below a preset level.
- **Motion Detection** - Receive an alert when an asset or person moves.
- **Speeding** - Receive an alert when an asset or person goes above a preset speed threshold.

## Rule Creation Wizard

The rule creation wizard guides you through the process of creating a rule to ensure that no steps are missed.

## Each rule requires:

**Rule Name** - to identify the rule.

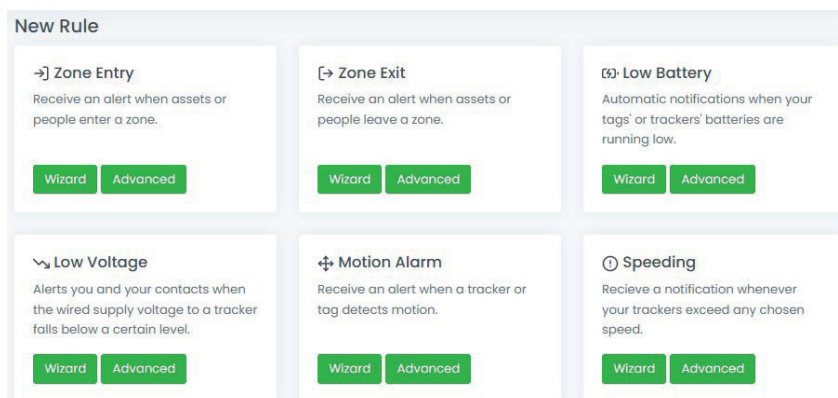
**Associated Zones, Assets or People** - to select the elements the rule should monitor. Some rules require just assets or people others require zones and assets or people.

**Schedule** - choose whether you want the rule to run all the time or just certain days/times.

**Contact Groups** - when the rule generates a notification choose the contact group you'd like to be alerted.

**Accessing Rules** - Rules that assets or people are subscribed to are available from within the People and Assets screens in addition to the rule index screen.

**Alert History** - The alert history shows the previously sent alerts.



# 12 | Hashtags

Assets, zones, and other elements within the system can be grouped by adding hashtags. Hashtags can be any text and are easily applied to elements within the system. Users can search for hashtags to show elements tagged with that hashtag. Elements can have multiple hashtags to reflect any grouping of your choice, for example depot, customer, site, hire, job etc.



The screenshot shows a web interface for managing hashtags. At the top, it says "# Hashtags (97)". Below this, there is a "Show 10 entries" dropdown and a "Search:" input field. The main content is a table with four columns: "#", "People", "Assets", and "Zones". Each row represents a hashtag and includes "Edit" and "Delete" buttons.

#	People	Assets	Zones		
vokler	0	1	0	Edit	Delete
utmc	0	6	0	Edit	Delete
uk north	0	2	0	Edit	Delete
truggist	0	7	0	Edit	Delete

The hashtag index screen shows the hashtags used in the system and provides a count of assets, people and zones subscribed to each hashtag.

Clicking the count searches the system for those hashtag subscribers.

# 13 | Version Control

## Document Details

Version:	1.1	Date:	April 2026
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**Feeling a little rusty on telematics or  
looking to work more efficiently?**

**Please contact your Regional Manager.**