



# **Dolphin**

# **Connected Car Platform**

# **User Guide**

**Version 1.1**

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# Dolphin Connected Car Platform

Dolphin Connect is an integrated platform designed for intelligent monitoring, analysis, and control of transportation fleets and connected vehicles.

This guide will walk you step-by-step through logging into the system, setting up your tracking device, configuring peripheral equipment, and viewing real-time information.

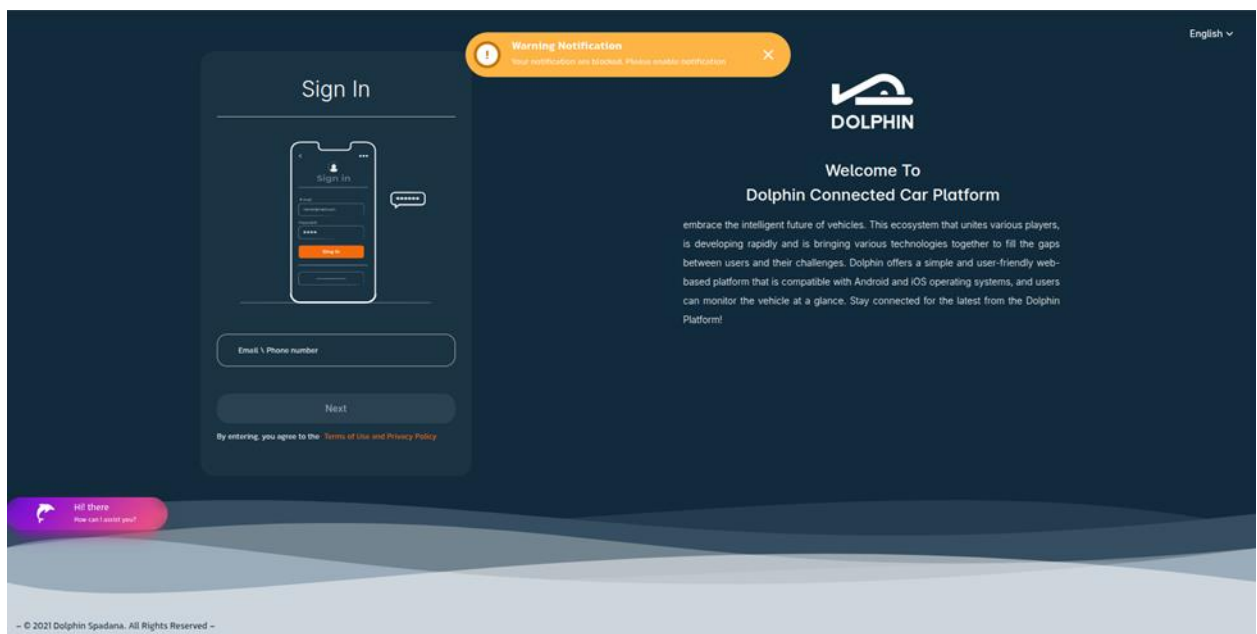
Each process is designed to simplify system usage and enhance operational efficiency, enabling users of all technical levels to easily leverage the platform's capabilities.

## 1. Logging In to the Platform

### 1.1. Entering the URL in Your Browser

After entering the platform's URL in your browser, the following window will appear.

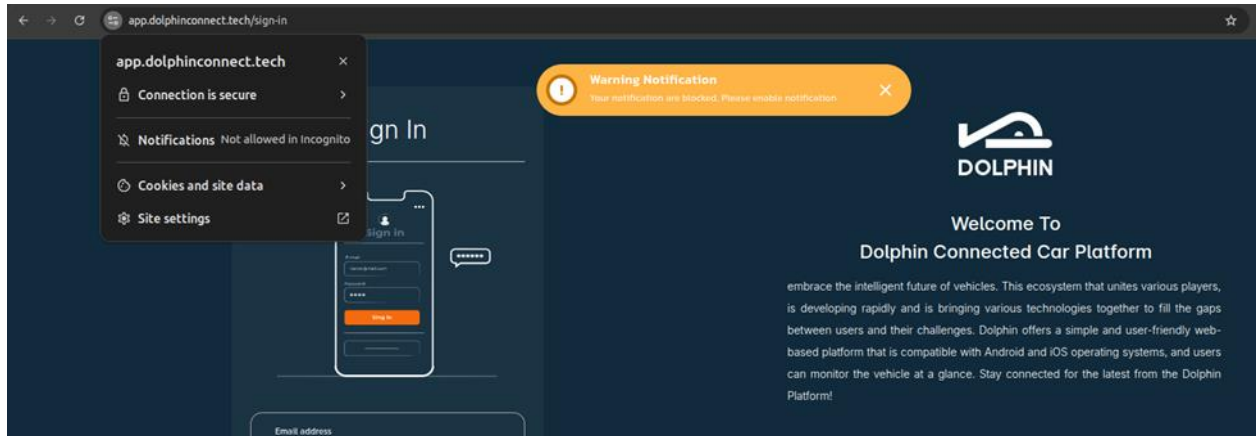
At first, you will be prompted to enable browser notifications. This allows the platform to display alerts directly in your browser whenever a notification is triggered for a vehicle in the system.



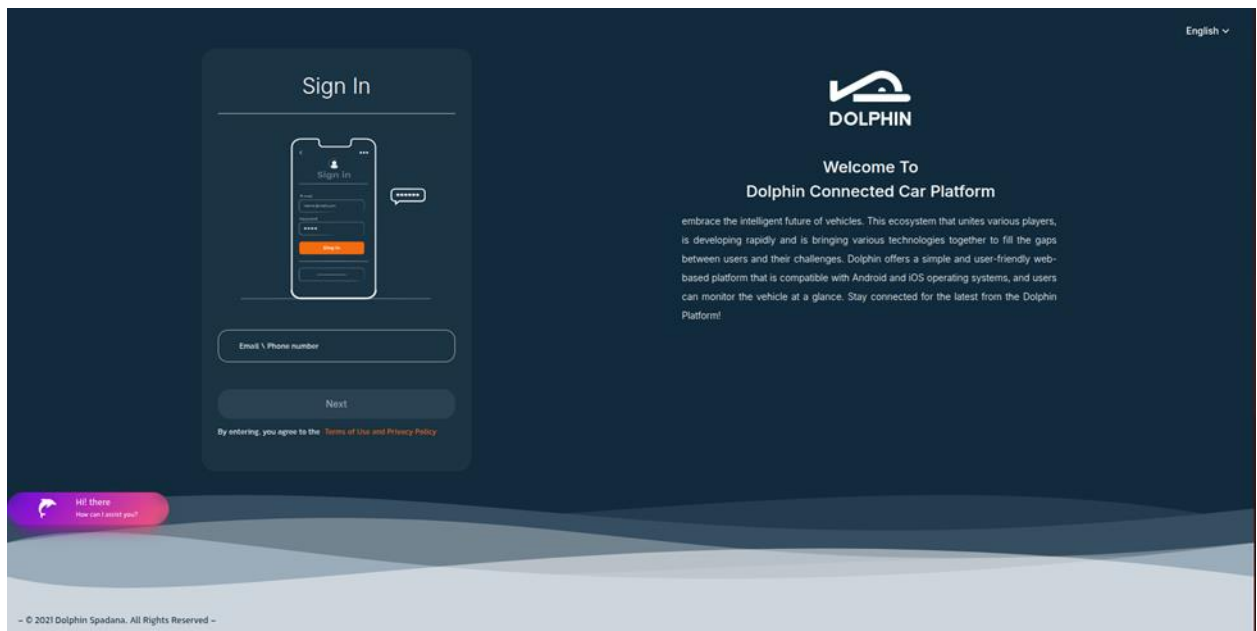
You can enable notifications by clicking the  icon next to the entered URL in your browser's address bar.

Activating this feature will enhance your overall user experience within the system.

An example of this section is shown in the figure below.



## 1.2. Logging In to Your Account



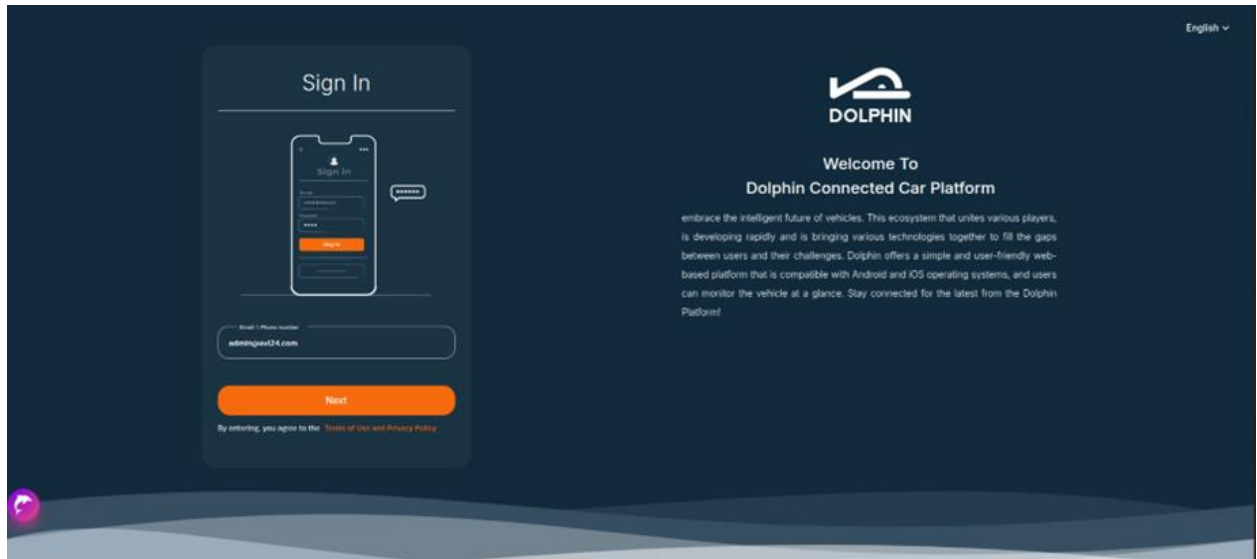
After enabling browser notifications, enter your email address.

This information is required to verify your identity and proceed to the next step.

Once valid details are entered, the “Next” button will become active.

Please note that if invalid information is provided, you will not be able to continue the process.

### 1.3. Verifying the Entered Information

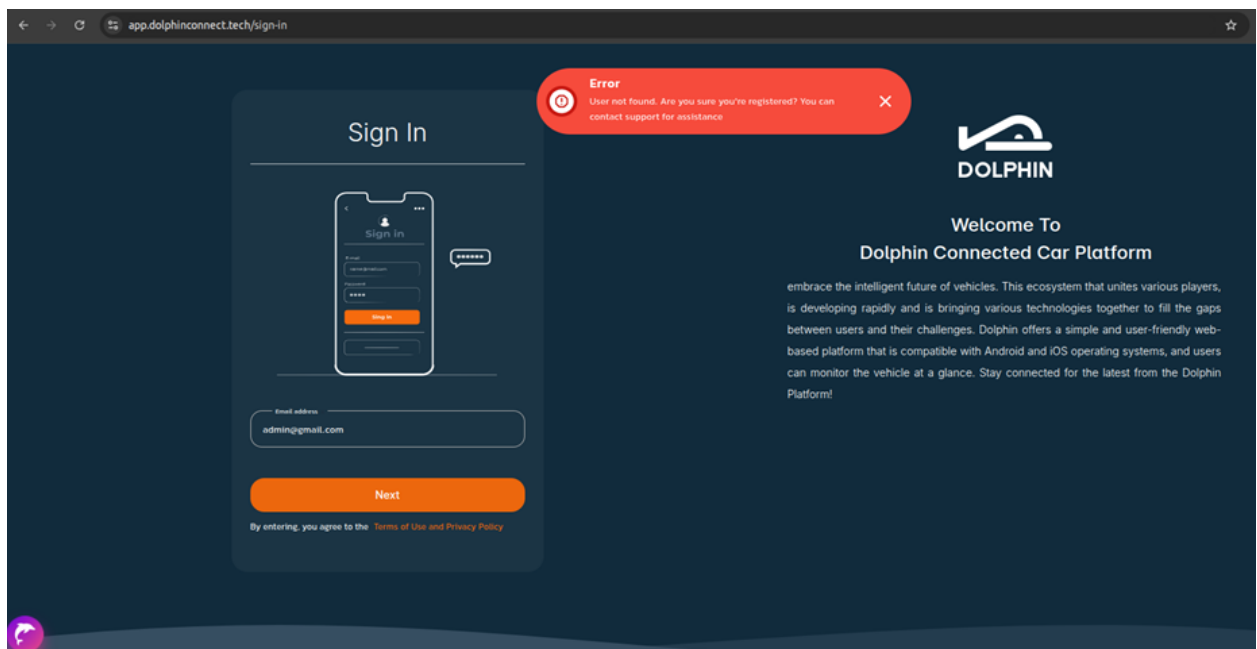


If the entered email address or phone number is valid, the system will proceed to the next step (as shown above).

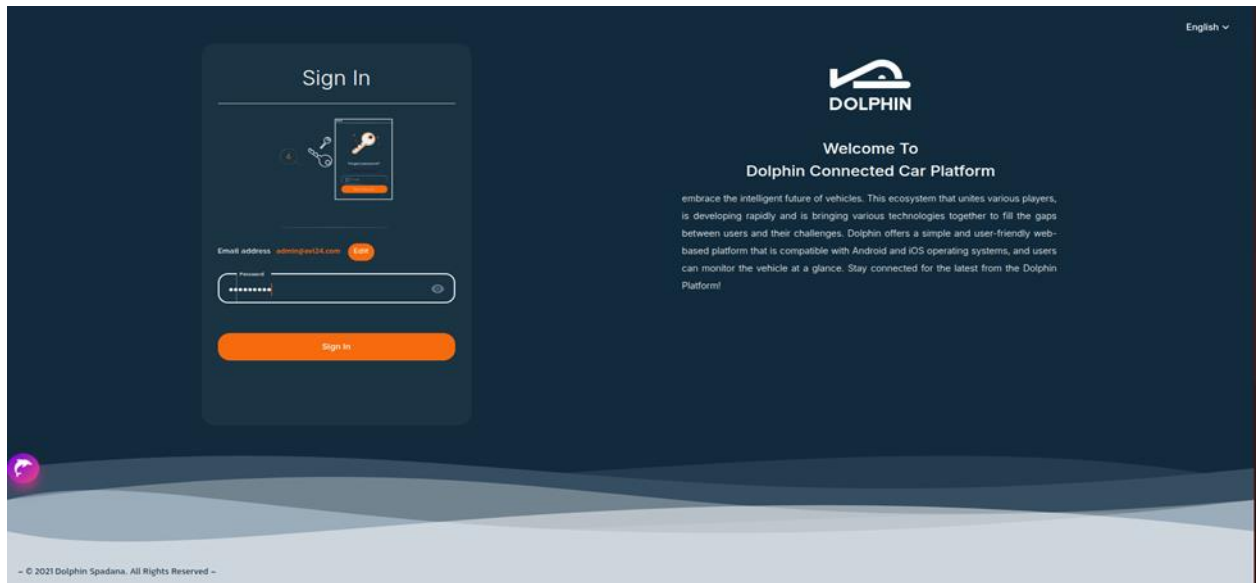
If there is an issue, you will receive a notification indicating the error.

This step ensures that only authorized users can access the platform.

You can also edit your details at this stage. For example, if your email address is not already registered in the system, you will encounter an error message.



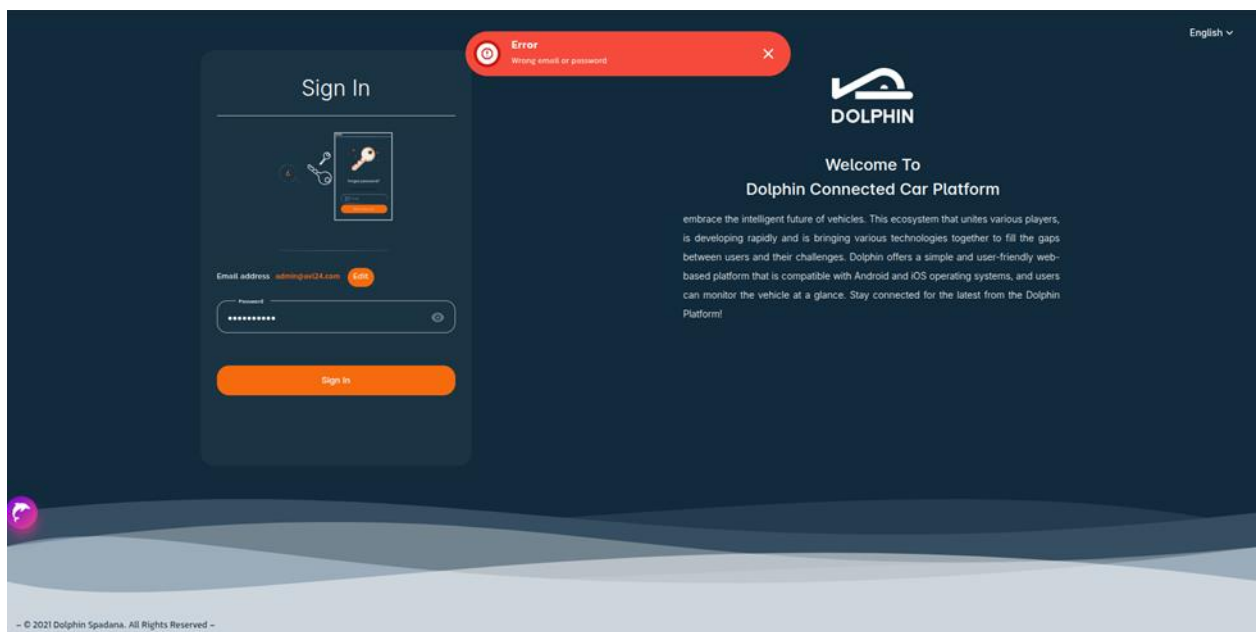
## 1.4. Entering Your Password



At this stage, the email address you entered will be displayed so you can ensure the information is correct.

Then, enter your password. After entering the correct password, click “Sign In” to access your account.

If your password is incorrect, you will encounter the following error message.



## 1.5. First Login to the Platform

### 1.5.1. Checking the Device Indicator Light

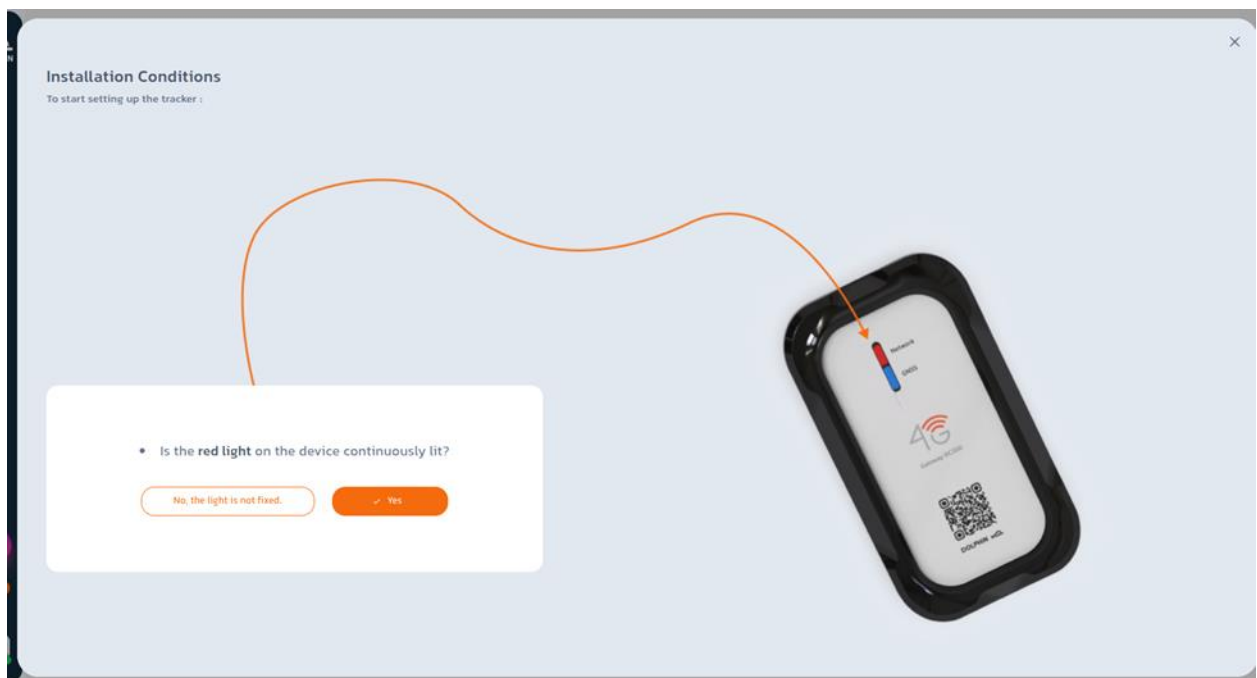
If no device is registered under your account, upon your first login you will see a window indicating that the software is ready to set up your first device.

Before installing the device, ensure that it is powered on and connected to the network correctly.

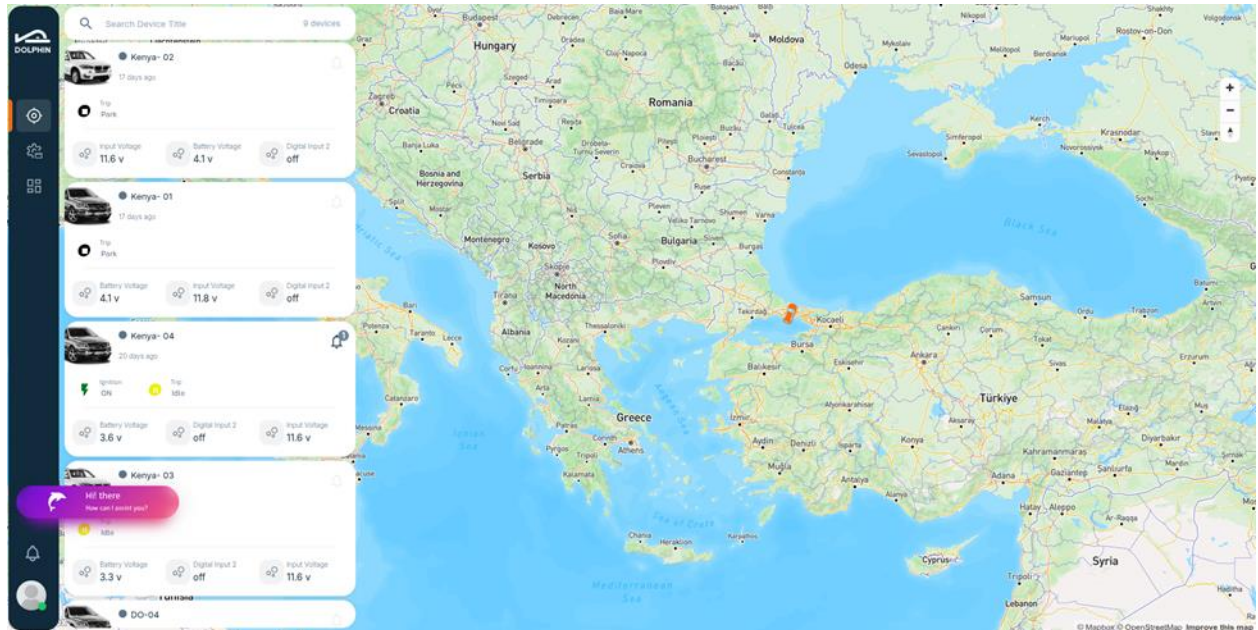
The system will ask whether the device's red indicator light is steadily lit. A steady red light indicates a successful connection to the mobile network and the relevant server.

If the light is off or blinking, check that the SIM card is properly installed and the device is receiving power.

(In case of any issues at this stage, refer to the device installation guide first.)



### 1.5.2. Viewing the List of Devices on the Map



After a successful login, if one or more devices are already registered under your account, the platform's main tracking page will be displayed. On this page:

- The left panel shows a list of all devices with either live data or outdated data. (Devices that have been archived will not appear in this list.)
- For each device, information such as battery voltage, input voltage, engine on/off status, and the status of digital inputs is displayed. (The exact details may vary depending on the device configuration.)
- The real-time location of each device — or the last reported location for devices without live data — is shown on the map, making it highly useful for instant tracking.

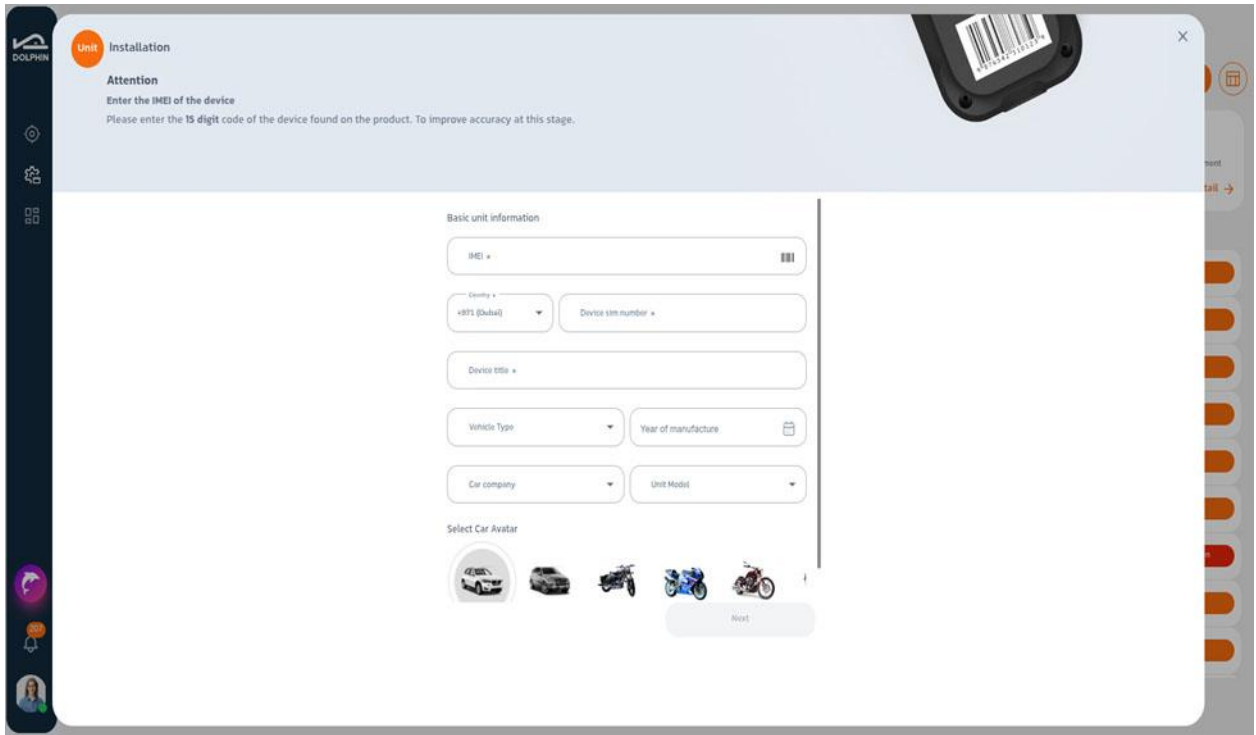
### 1.6. Starting the Registration of a New Device in the Platform

If, after your first login, you see the window described in section 5.1, you will need to add the device installed on your vehicle to the platform.

To add a new device, click the Install option (Figure 1) and proceed to the Basic Information Form. In this form, you must enter the following details:

- The device's 15-digit IMEI code, usually printed on the device body or packaging.
- The country associated with the SIM card number, and the SIM card number itself.
- A custom title for easier identification of the device in the list.
- The type of vehicle (car, motorcycle, etc.), year of manufacture, manufacturer, and model.

- A graphical avatar to represent the device on the map.



**Unit Installation**

**Attention**  
Enter the IMEI of the device  
Please enter the 15 digit code of the device found on the product. To improve accuracy at this stage.

Basic unit information

IMEI \*

Country \*  
+971 (Dubai)

Device sim number \*

Device title \*

Vehicle Type \*

Year of manufacture \*

Car company \*

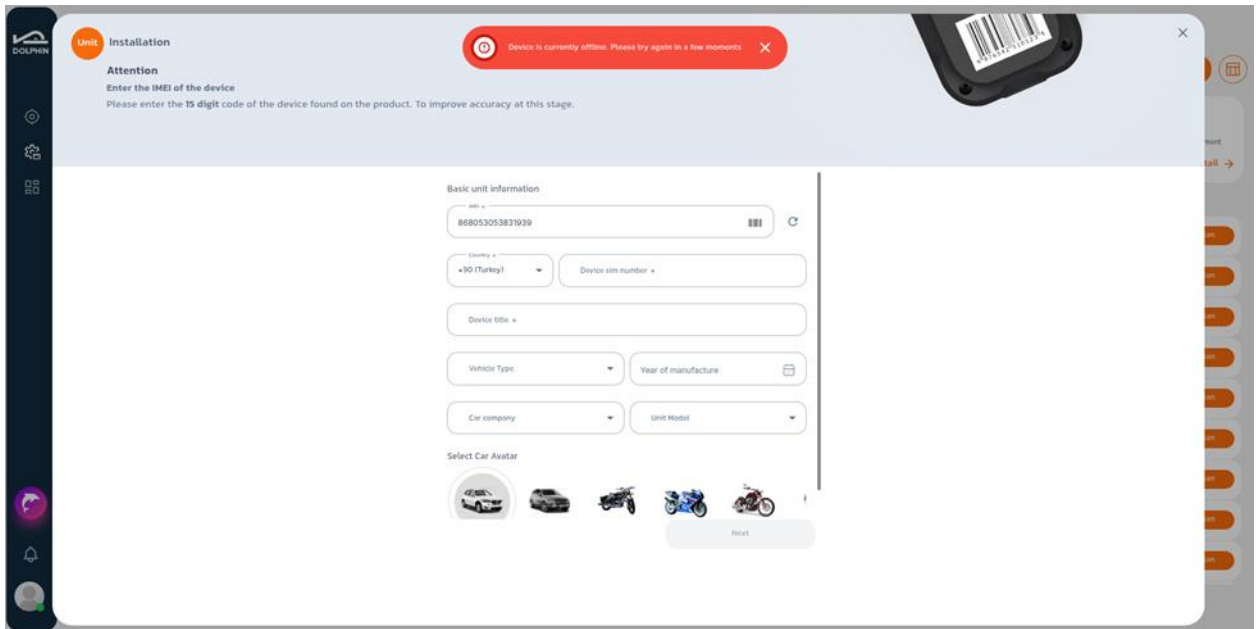
Unit Model \*

Select Car Avatar

Next

The following steps explain the complete process of registering a device:

### 1.6.1. Device Connection Error



**Unit Installation**

**Attention**  
Enter the IMEI of the device  
Please enter the 15 digit code of the device found on the product. To improve accuracy at this stage.

Basic unit information

IMEI \*

Country \*  
+90 (Turkey)

Device sim number \*

Device title \*

Vehicle Type \*

Year of manufacture \*

Car company \*

Unit Model \*

Select Car Avatar

Next

If the device is not connected to the internet or the server during the initial registration, the system will display the message:

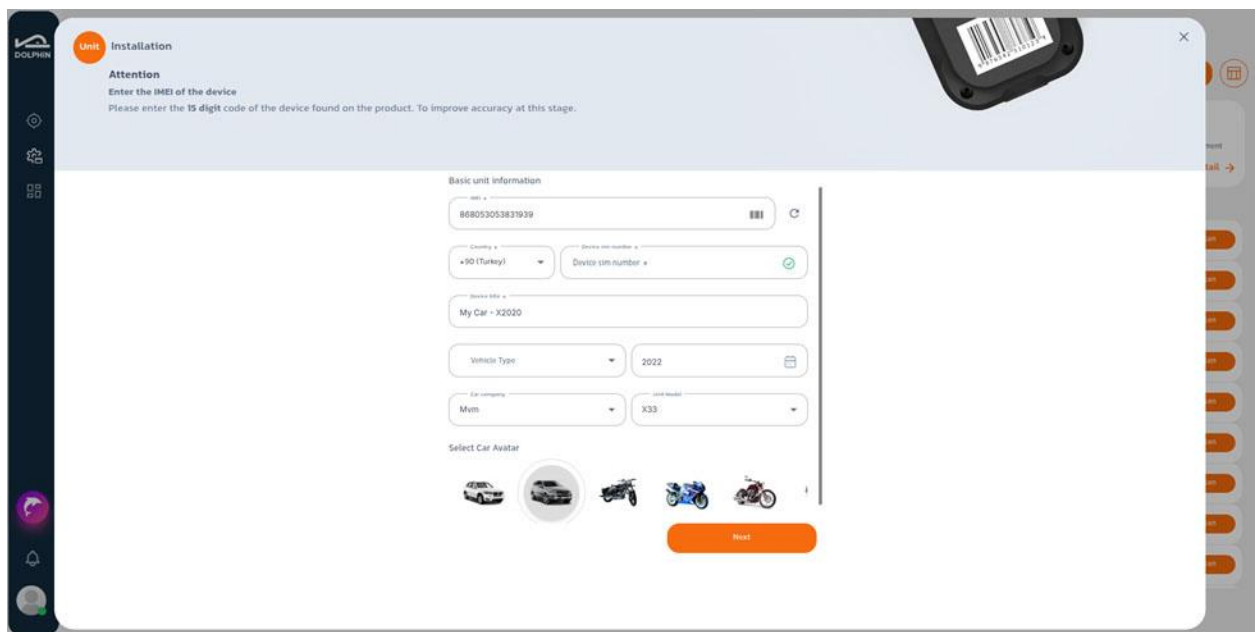
“The device is currently offline. Please try again in a few moments.”

In this case:

- Check the device’s physical power connection and ensure the SIM card is functioning correctly.
- Make sure the device is in an area with adequate network coverage.
- If the connection remains unstable, wait a few minutes and try again.

If no error is displayed at this stage, you may proceed with registering the device in the platform.

### 1.6.2. Completing the Basic Information Form

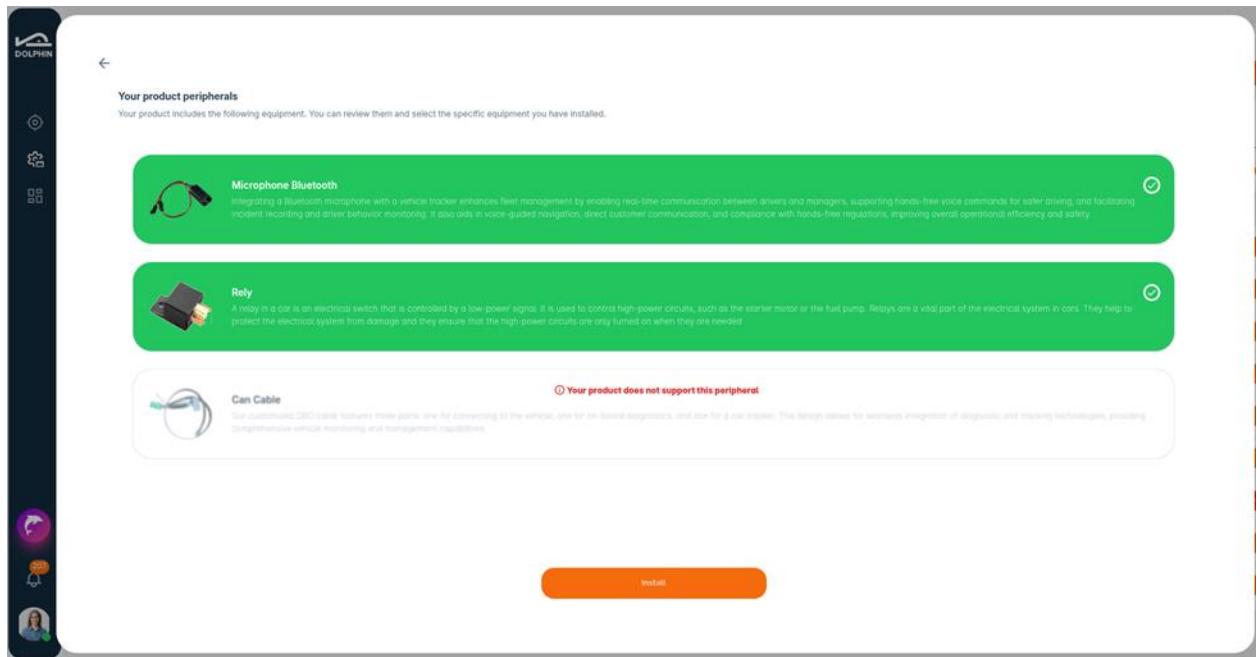


If the device is online and the connection is established, all fields in the form — such as device title, manufacturer, vehicle model, and year of manufacture — will become available for entry.

The accuracy of this information is important, as it will be used in reports and dashboards.

Enter the required details and click the “Next Step” button. (Some of these details can be edited later.)

### 1.6.3. Selecting and Activating Installed Peripheral Devices



At this stage, if your product includes peripheral devices such as a Bluetooth microphone, relay, or CAN cable, a list of these available options will be displayed.

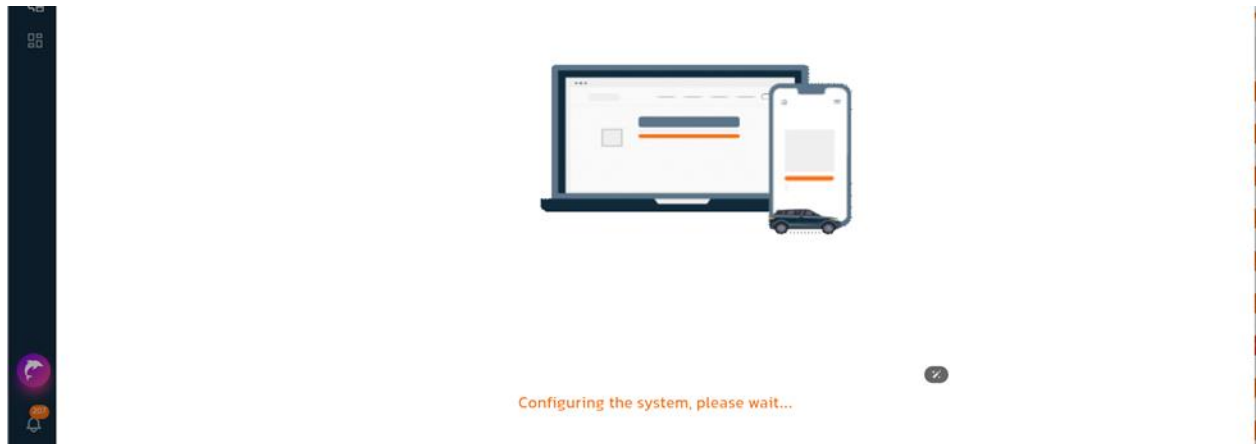
If the accessory is installed alongside the tracking device, you can enable it for use in the platform. If it is not installed, you can deselect it by clicking on its row; this will remove its related features from the platform's menus.

For example, the user can review their selection at this stage and add or remove accessories. If they realize that the relay is not installed, they can simply deactivate it. Only the confirmed accessories will be activated in the platform.

Supported accessories are displayed in green, while accessories not supported by the device model are shown in grey and remain inactive.

This step is essential for correctly enabling auxiliary functions such as in-cabin calling or vehicle power cut-off.

#### 1.6.4. System Configuration

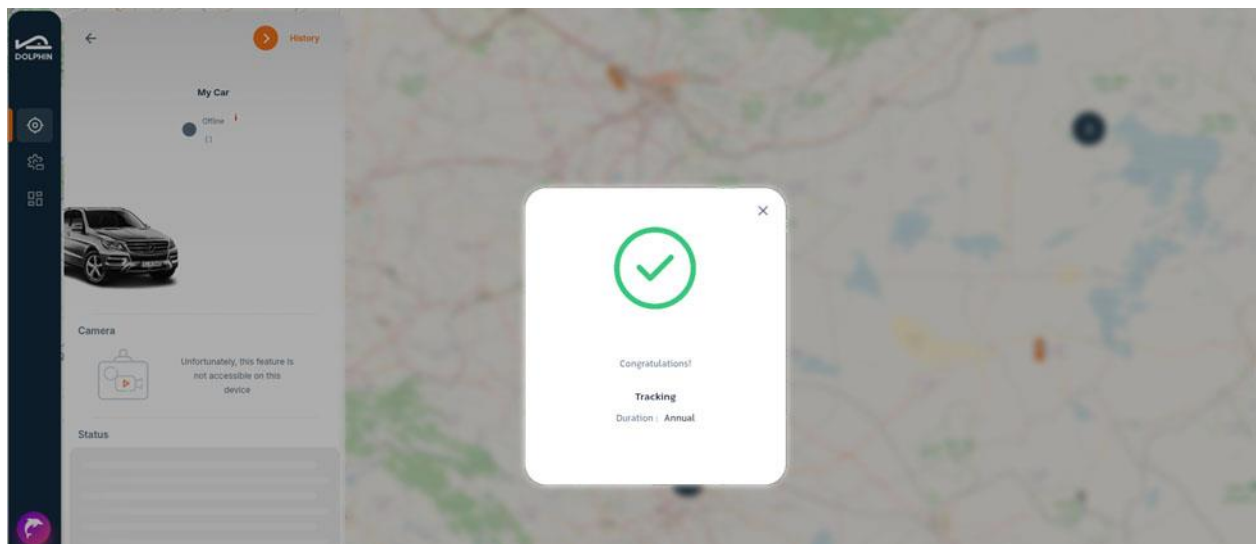


After selecting the accessories in the previous step, click the Install button.

The system will then automatically initiate the initial configuration process. This includes connecting to the server, activating hardware settings, and linking the device to your user account. The process typically takes only a few seconds, and no action is required from the user during this time.

Once the configuration is complete, you will see a screen similar to the example below, displaying a “Congratulations – Setup Successful” message. This indicates that the device has been successfully initialized.

At this stage, the device’s subscription status (e.g., annual or monthly) will also be displayed to the user.



After a few moments, the device will transmit its first data to the platform, allowing you to view its location on the map.

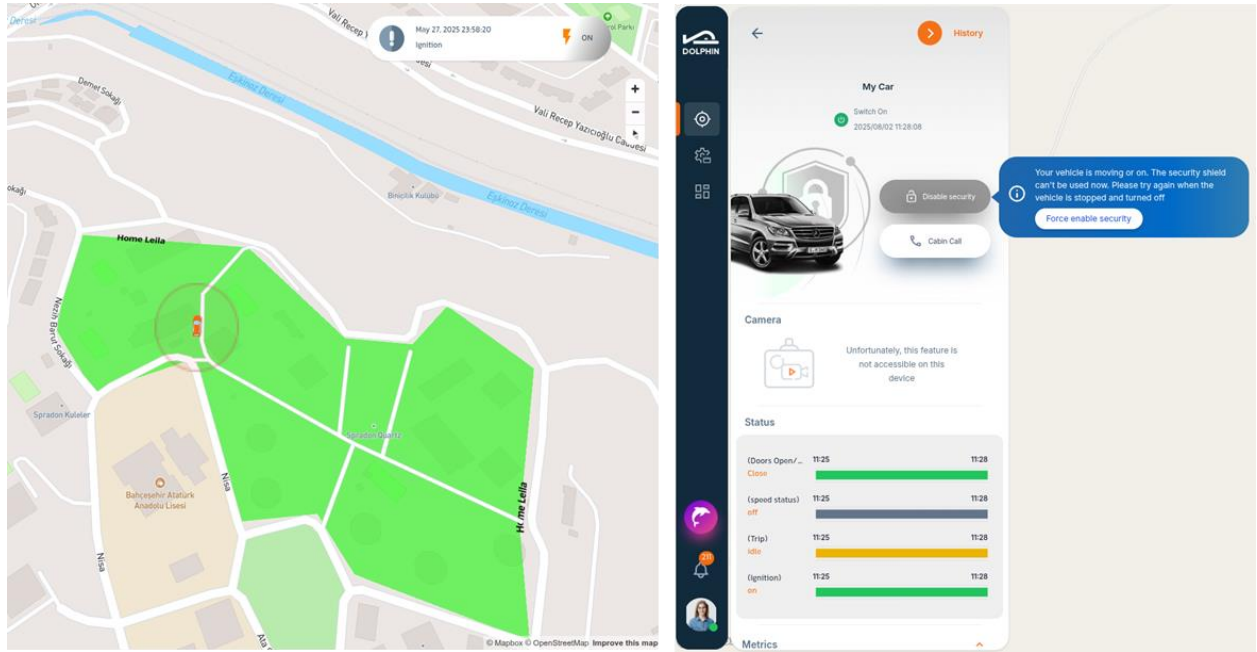
Additionally, if accessories such as a hidden relay switch or microphone were configured in the previous steps, their corresponding control buttons will appear in the software.

## 2. Using the Software Features

### 2.1. Viewing the Precise Location and Using the Enabled Features on the Tracking Page

On the tracking page, you will first see a list of devices as described in section 1.5.2.

By clicking on any vehicle card, you can view the detailed information for that specific vehicle.



In this section, the vehicle's real-time location is displayed on the map.

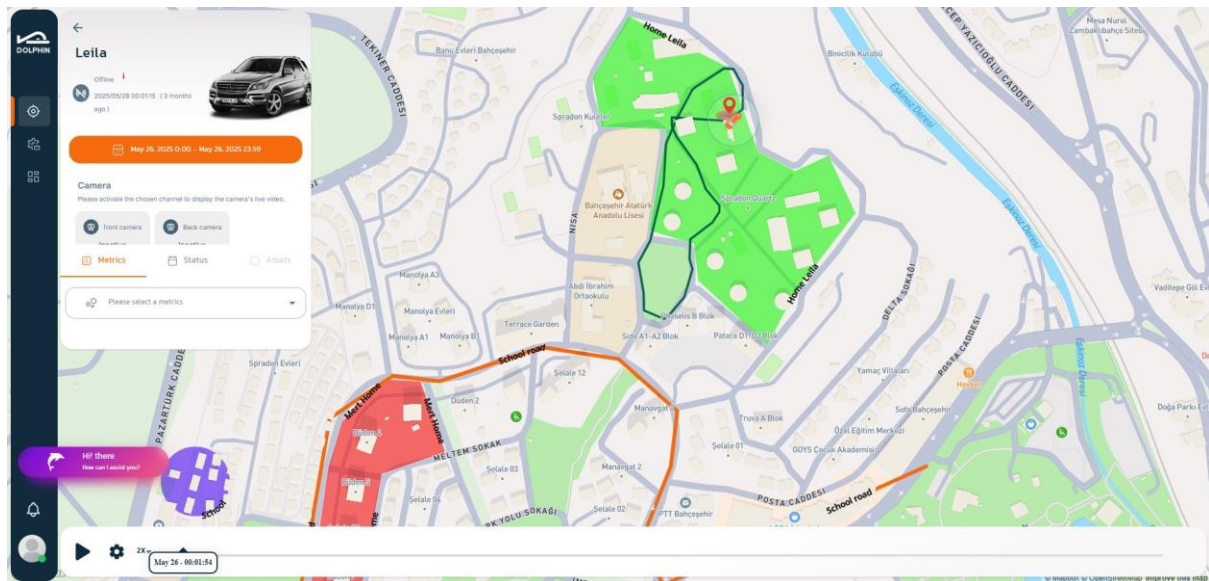
Information such as the engine's on/off status, the time of the last data sent to the server, and the vehicle's current location can be viewed. This feature is useful for precise, live monitoring of the vehicle.

On this page, the user can check the vehicle's current status and use the enabled features. For example (top-left image), the following options are available:

- The Security Shield button is only active when the vehicle is stationary and the engine is off (requires the hidden relay switch to be installed).
- Door status, speed, movement (Trip), and engine status are all displayed in the Status section with real-time color indicators.
- In-cabin calling is also accessible from this section (if supported by the device).

The user can scroll down to view additional device information and metric values.

By clicking the History button, the user can access the vehicle's past routes and review the device's metric values for those specific moments.



The **History** section allows you to review past trips and analyze vehicle performance over time.

### 1. Accessing History

- Tap the **History** button from the main menu of the Dolphin Connect Platform (web or mobile).

### 2. Selecting a Time Period

- Choose the desired date or time range.
- The system will display all routes taken within the selected period.

### 3. Viewing Routes & Vehicle Information

- Each trip is shown on the map with start and end points.
- Vehicle-specific data, such as speed, distance traveled, and stop duration, is available for review.

### 4. Statuses & Metrics

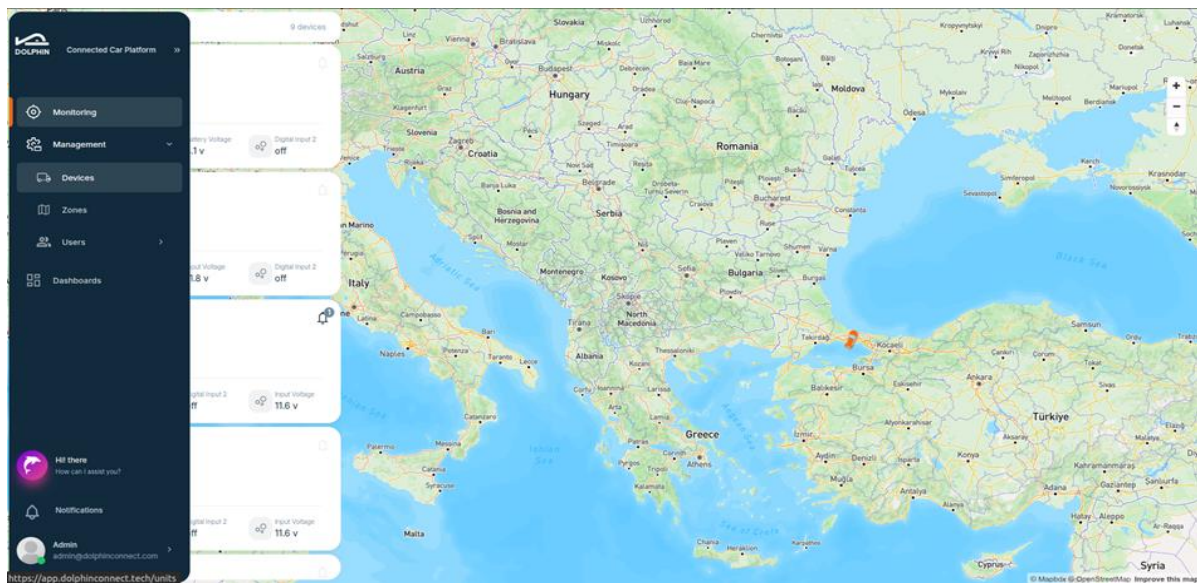
- Use the filter options to select which statuses (e.g., ignition on/off, engine state) and metrics (e.g., distance, fuel level, speed) you want to track.
- The platform will display changes and events for those metrics during the selected period.

The **History** feature is particularly useful for individual end users who want to monitor their trips, evaluate driving patterns, or keep personal records of vehicle usage.

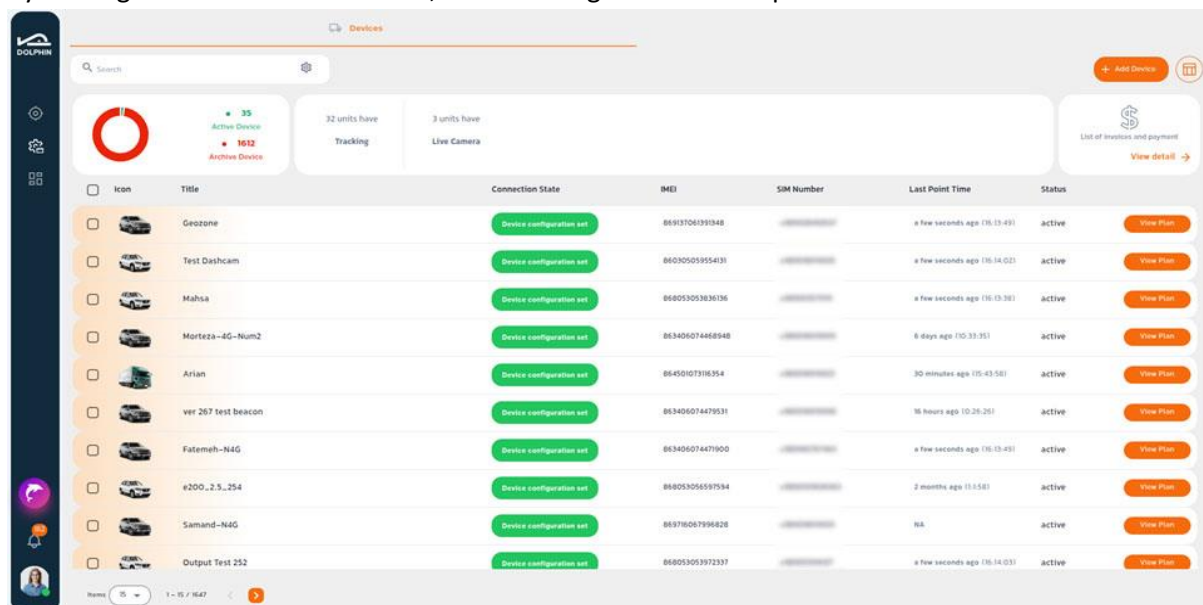
## 2.2. Device Management

While on the tracking page, you can use the dropdown menu on the left side to navigate to other sections of the platform.

This menu is shown in the figure below and also contains additional submenus.



By clicking on the Devices submenu, the following window will open.

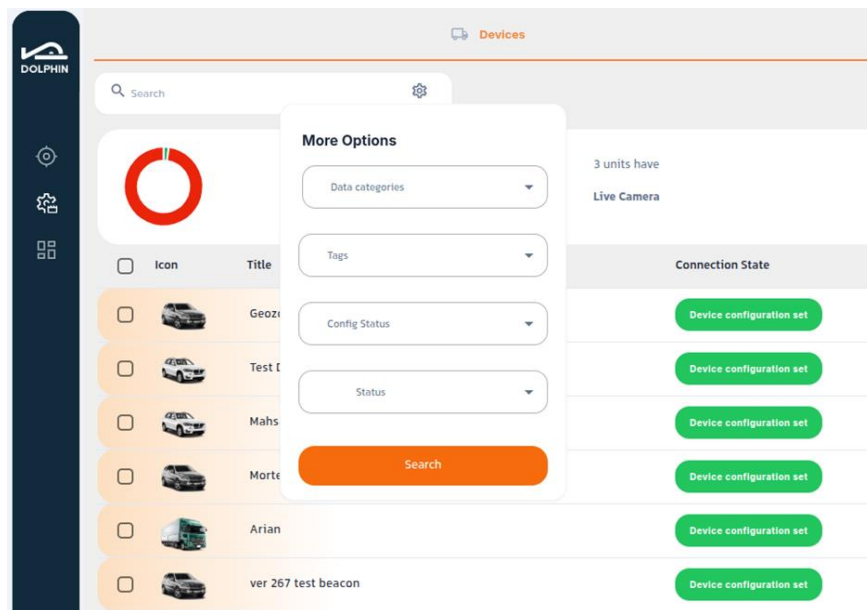


In this window, you will see a list of all devices you have access to, with each row representing a single vehicle.

You can search for a specific vehicle, edit its information, or archive it.

If you need to register a new device in the platform, you can use the Add Device button in this window. This will open the form described in section 1.6, allowing you to complete the device registration process.

To search for a device and filter the list displayed in this window, use the available search field and its corresponding icon, as shown in the figure below.

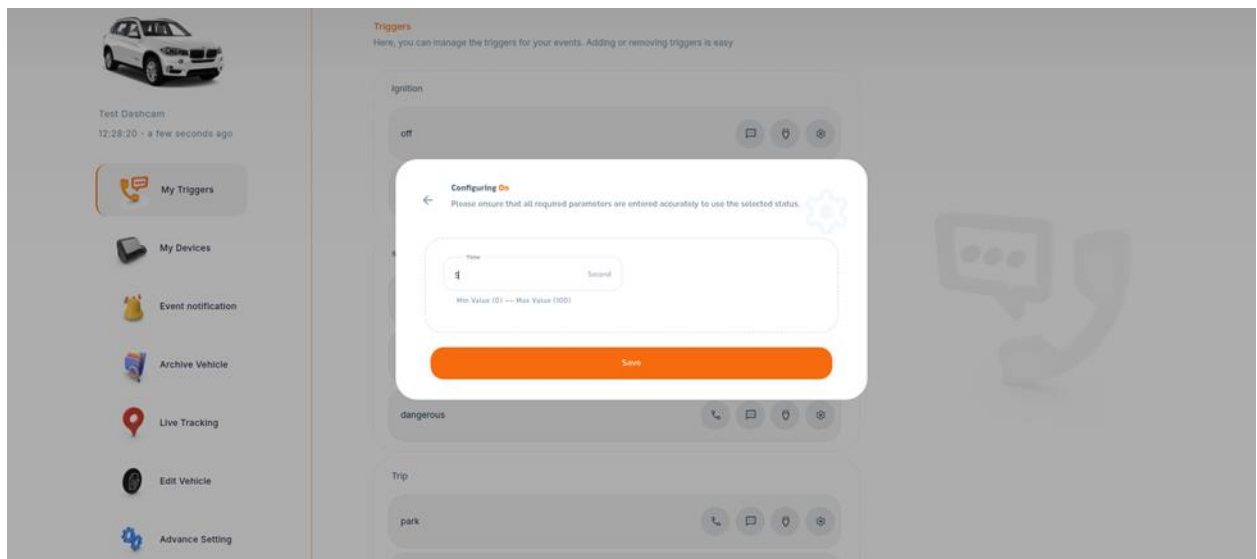


To edit a device, click on it. In the window that opens, the following menus will be available:

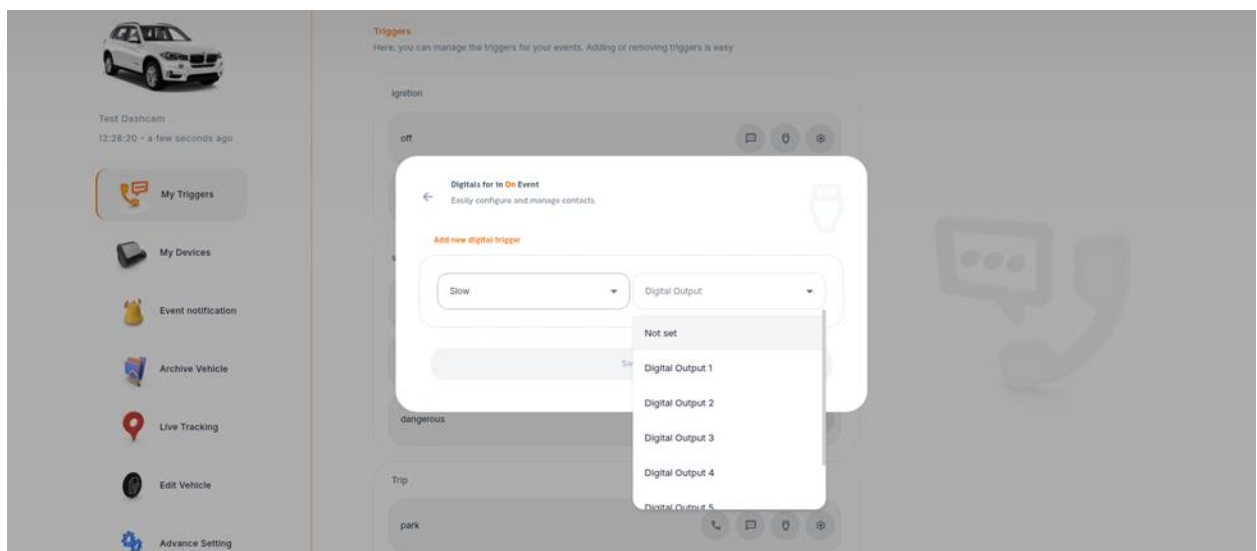
- **Triggers:**  
In this section, you will see a list of active statuses on the device, for which you can define a trigger (such as an SMS, a call, or changing a device output depending on the status settings) or assign values to each trigger.

For example, in the image below, you can see:

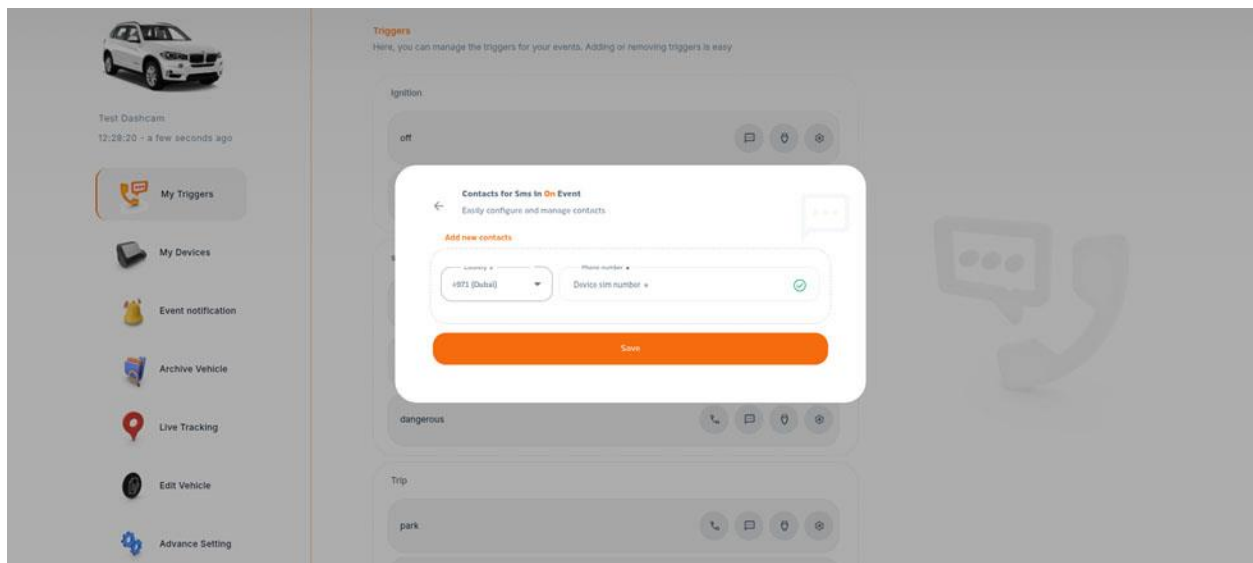
- Assigning values to status settings.



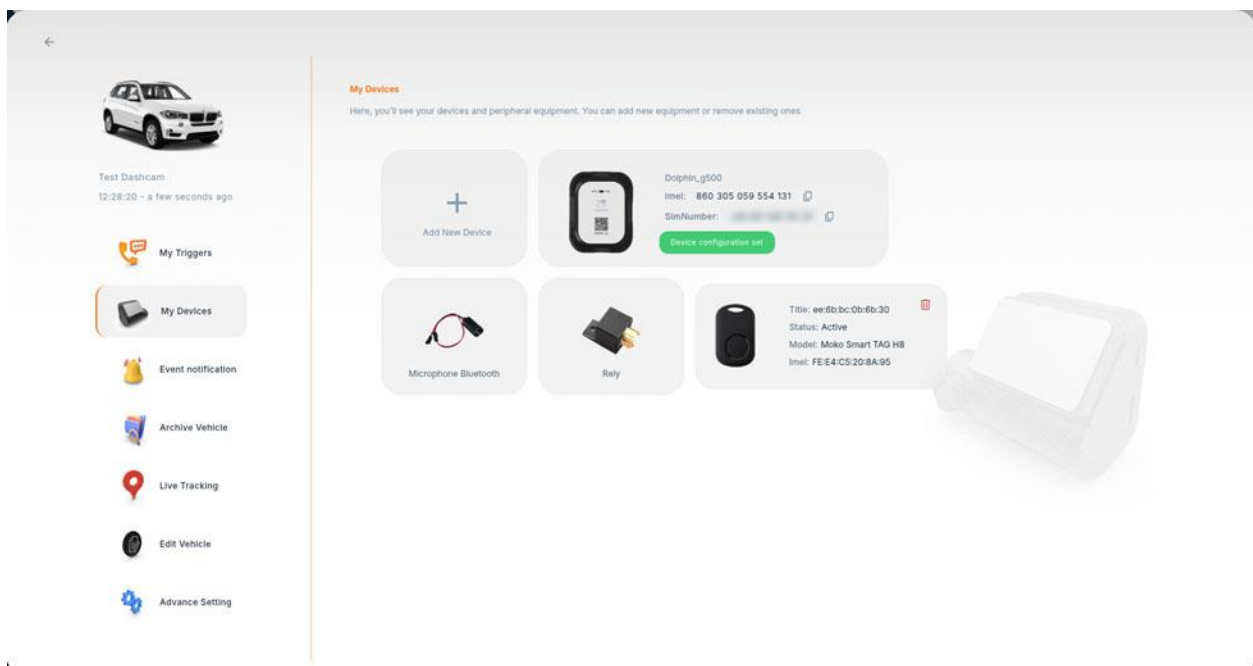
## ii. Configuring an output as a trigger



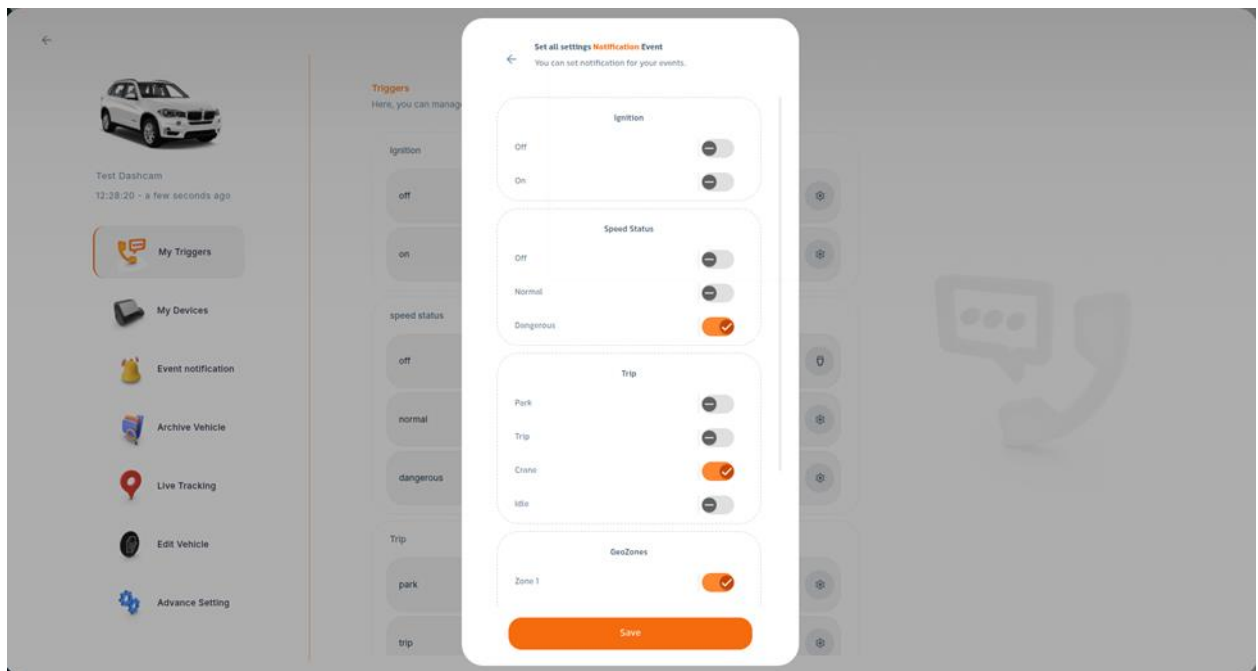
## iii. Setting a phone number for an SMS trigger (the call trigger is configured in the same way)



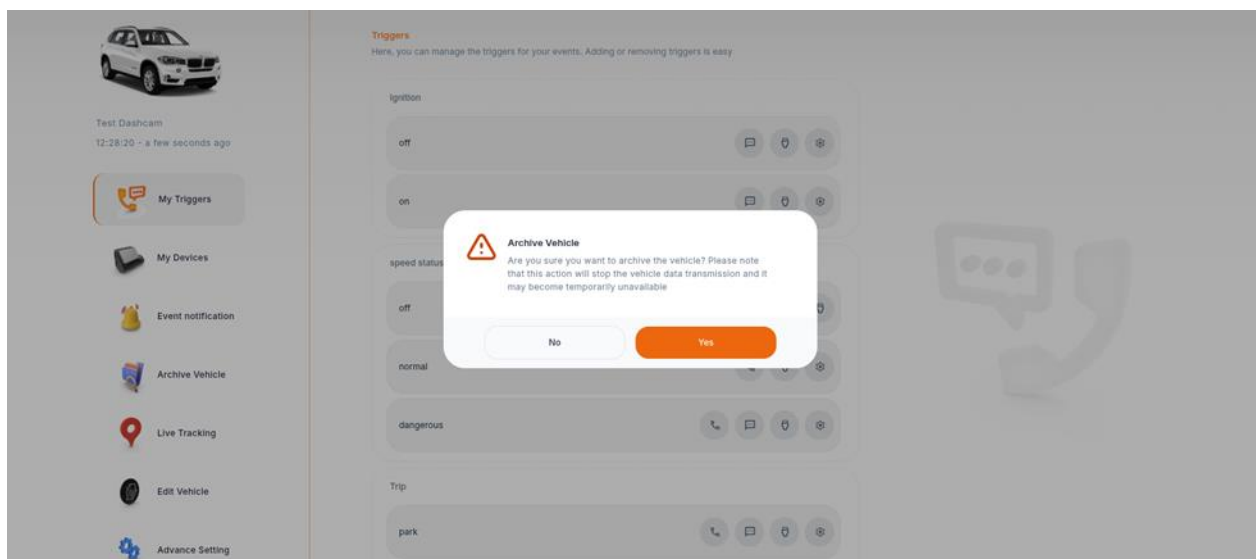
- **Devices:**  
The tracker and any peripheral equipment added to it (the process of adding peripherals will be explained in the next section).



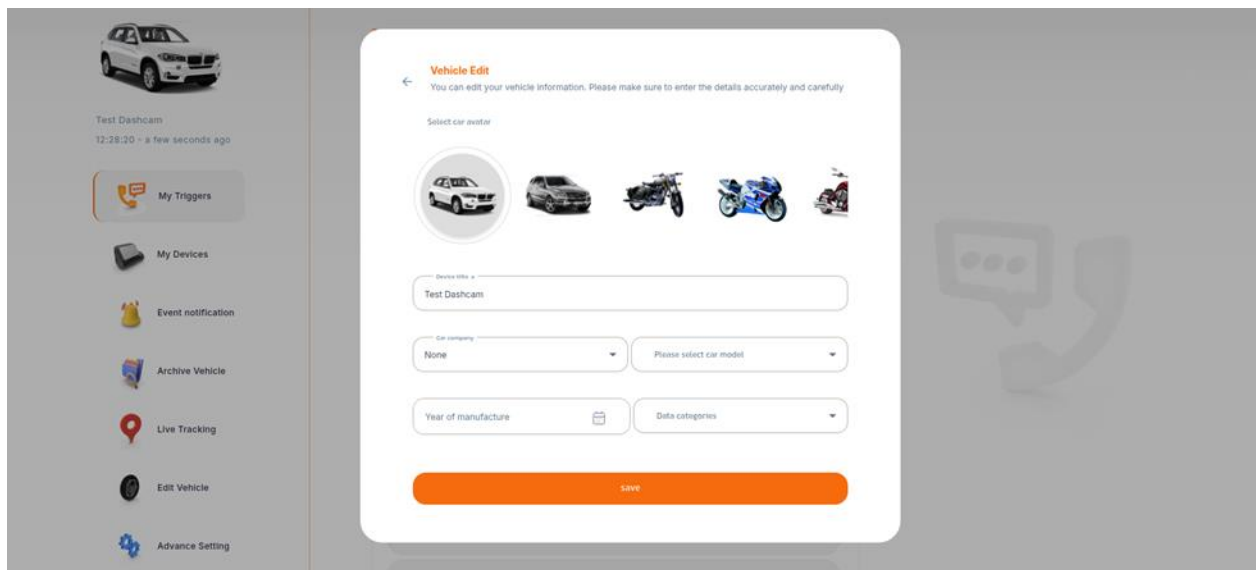
- **Notifications:**  
Enable or disable notifications for each status.



- **Archiving the Device:**  
Archive the selected device. (Once a device is archived, the server will no longer store any data from it, and the vehicle will no longer appear in the tracking page list.)

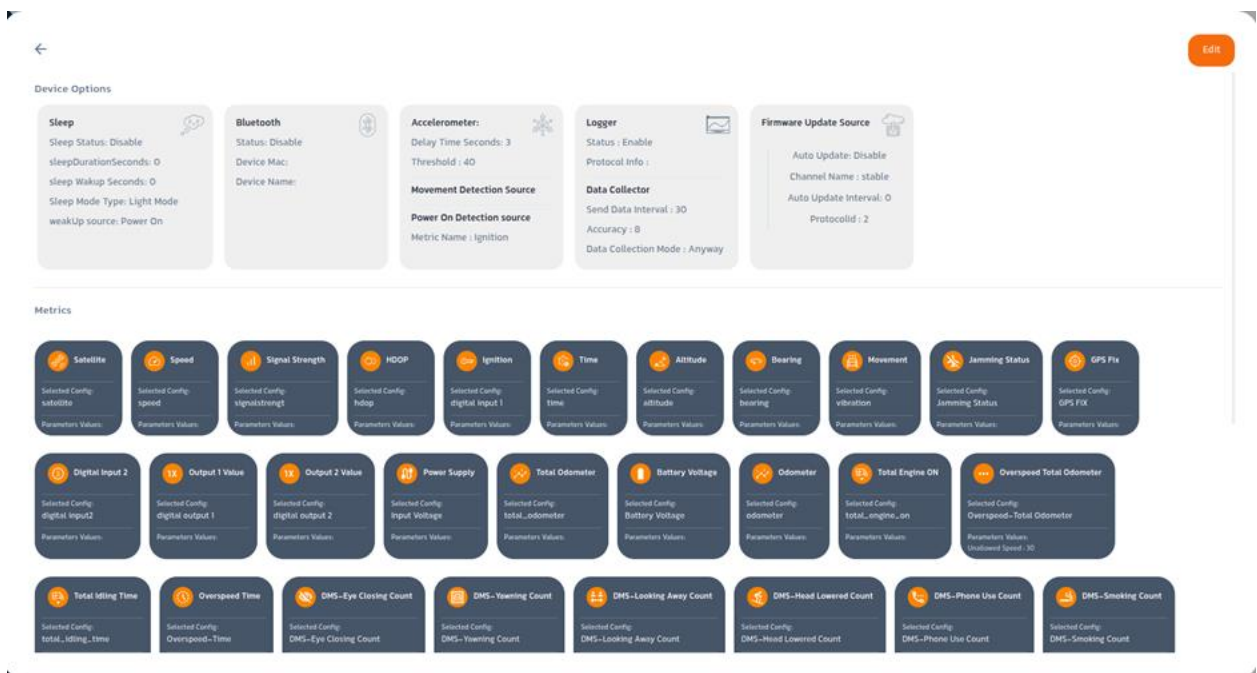


- **Go to Tracking Page:**  
View the latest data sent from this device on the tracking page.
- **Edit Device Information:**  
In this section, you can edit the vehicle's avatar, title, and certain other details.



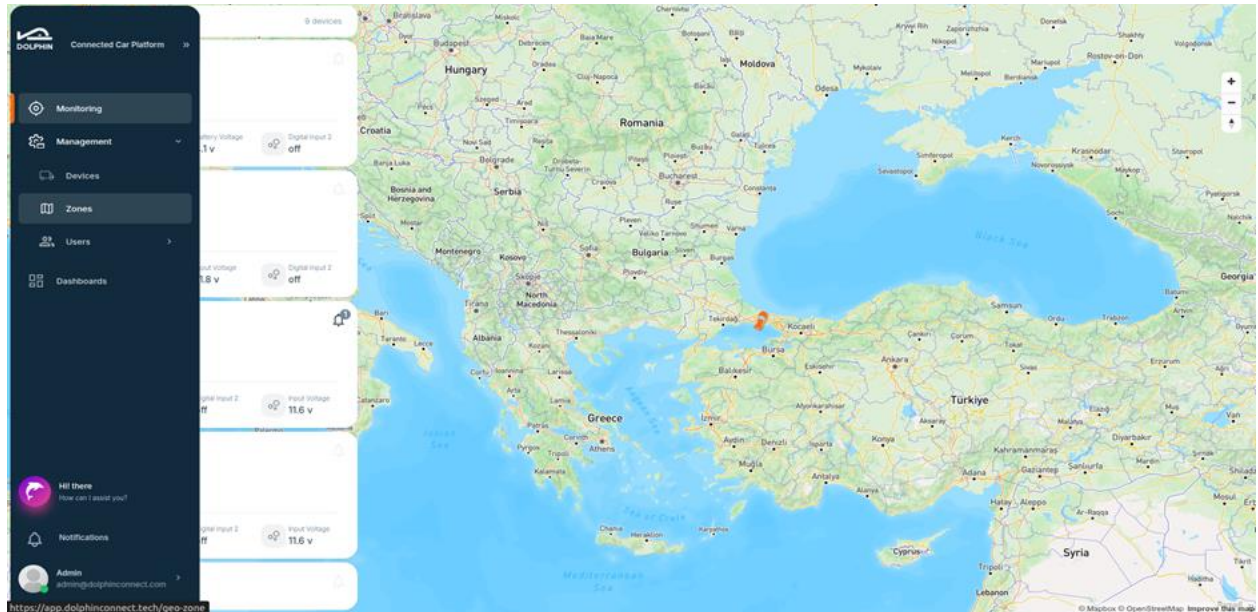
- **Advanced Settings for Configuring This Device:**

In this section, users who are fully familiar with the device (such as the support team or users who have received the necessary training) can modify the device settings — including metrics, statuses, and other configurations — to customize the device according to the customer's needs.



## 2.3. Zone Management

To access this section, click the Zone Management button in the main menu.



This section allows you to locate your desired geographical areas on the map and define geofences for them.

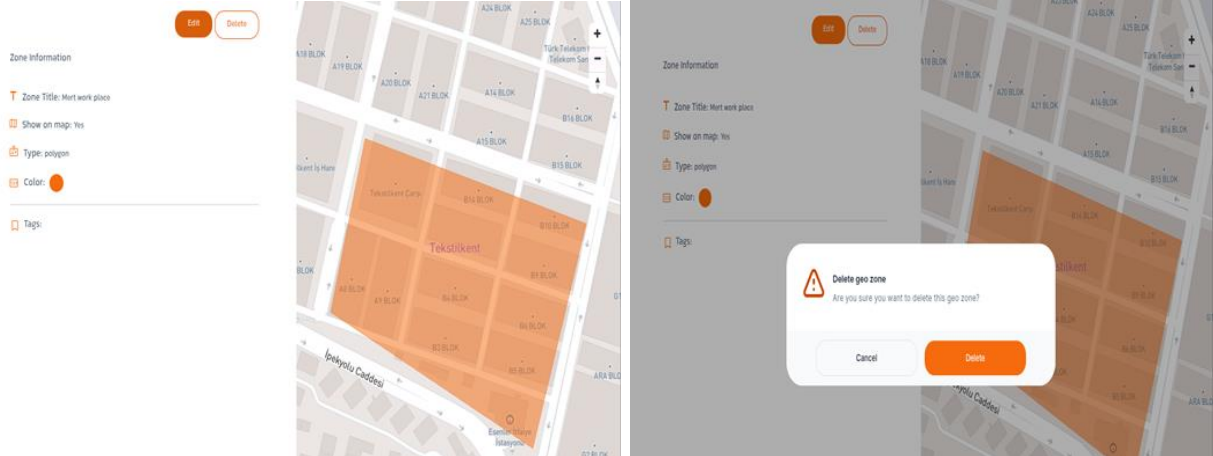
You can then use these geofences in statuses related to location boundaries. These statuses enable you to calculate activity within the selected area, track entries and exits, and generate related reports.

This window appears as shown below.



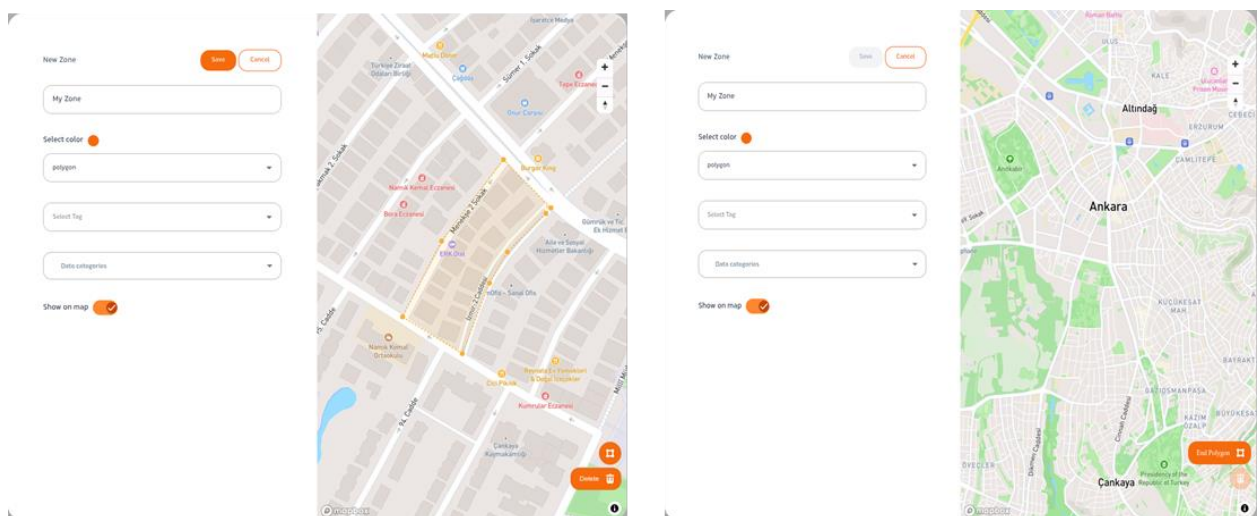
In this window, you can view a list of all geofences you have created (those available under your access). You can edit or delete these geofences.

- **Editing and Deleting a Geofence:**  
By clicking on any row displayed in this section, the window shown on the right will open. From there, you can use the available control buttons to delete or edit the geofence.

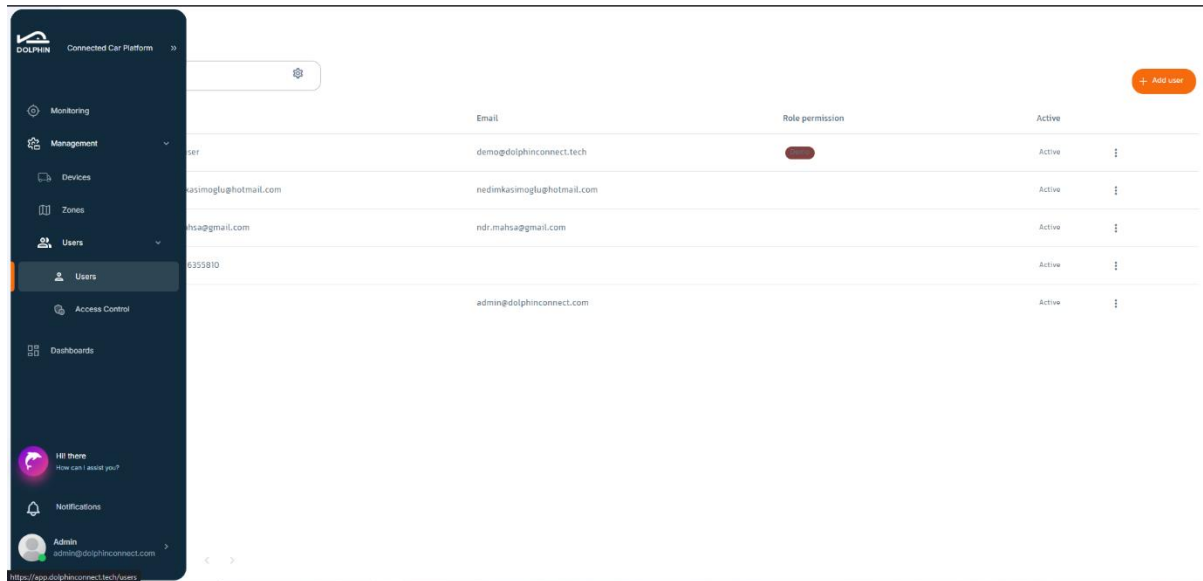


The geofence information display window Deleting a Geofence

- **Adding a New Geofence:**  
In the main geofence window, click the Add Geofence button to open the corresponding window, as shown in the image below. Select the geofence title and type, then start drawing the geofence on the map. Finally, you can set the color and access permissions before saving it.



## 2.4. User Management



The User Management section allows administrators to add, edit, and manage all platform users.

### 1. Viewing Users

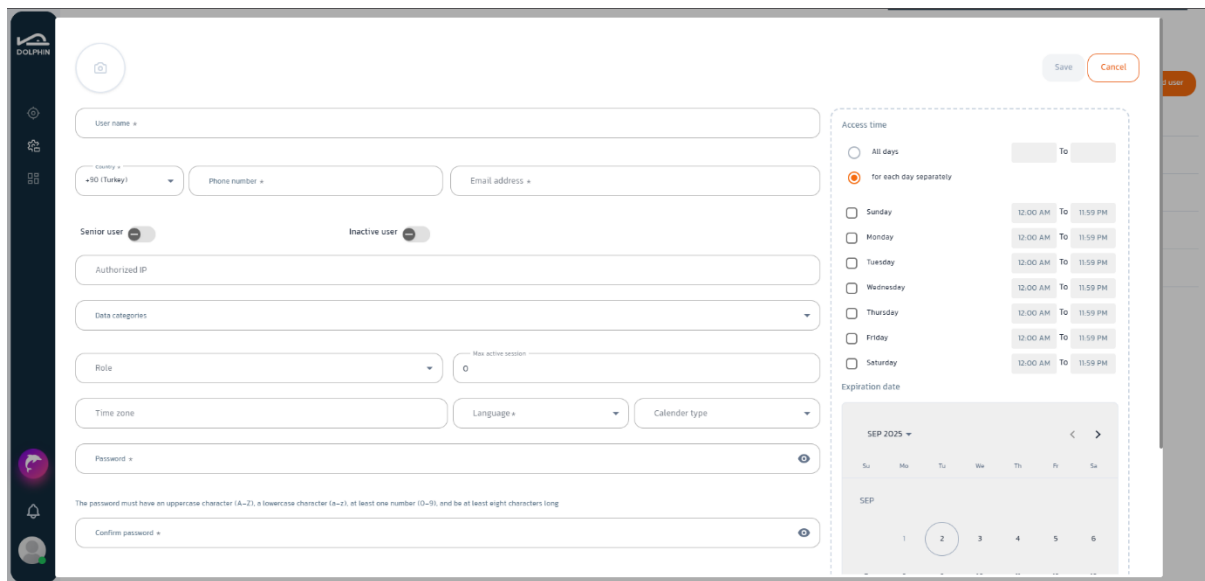
- Navigate to Management → Users.
- A list of all registered users will appear with details such as email, role, and status (Active/Inactive).

### 2. Adding a User

- Click Add User.
- Fill in the required information, including username, phone number, email, and password.
- Assign a Role (Manager, Viewer, or Demo) from the role list.
- Configure advanced options if needed:
  - Access Time (all days or custom schedule)
  - Authorized IP (optional restriction)
  - Expiration Date (end of account validity)
- Click Save to complete user creation.

### 3. Editing or Removing Users

- From the user list, click the three-dot menu beside a user to edit details, reset password, deactivate, or remove the account.



## Access Control (Role Management)

The **Access Control** section is used to define and manage user roles and their permissions.

### 1. Viewing Roles

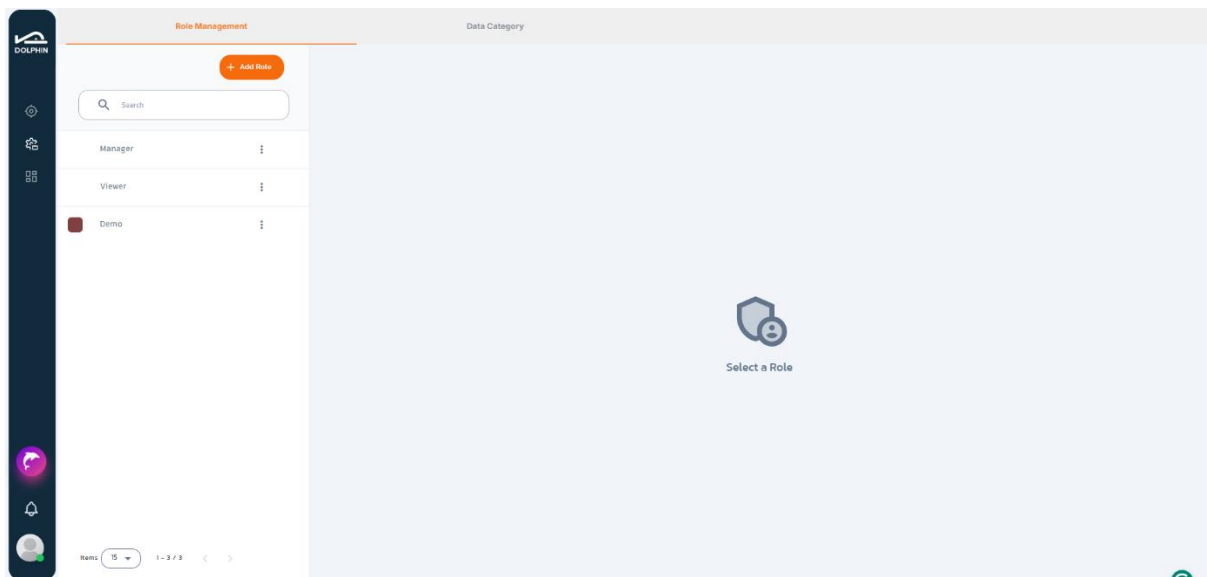
- Navigate to Management → Access Control.
- The system displays existing roles such as Manager, Viewer, and Demo.

### 2. Adding a Role

- Click Add Role.
- Name the role and define the Data Categories and permissions the role can access.
- Save the new role.

### 3. Assigning Roles to Users

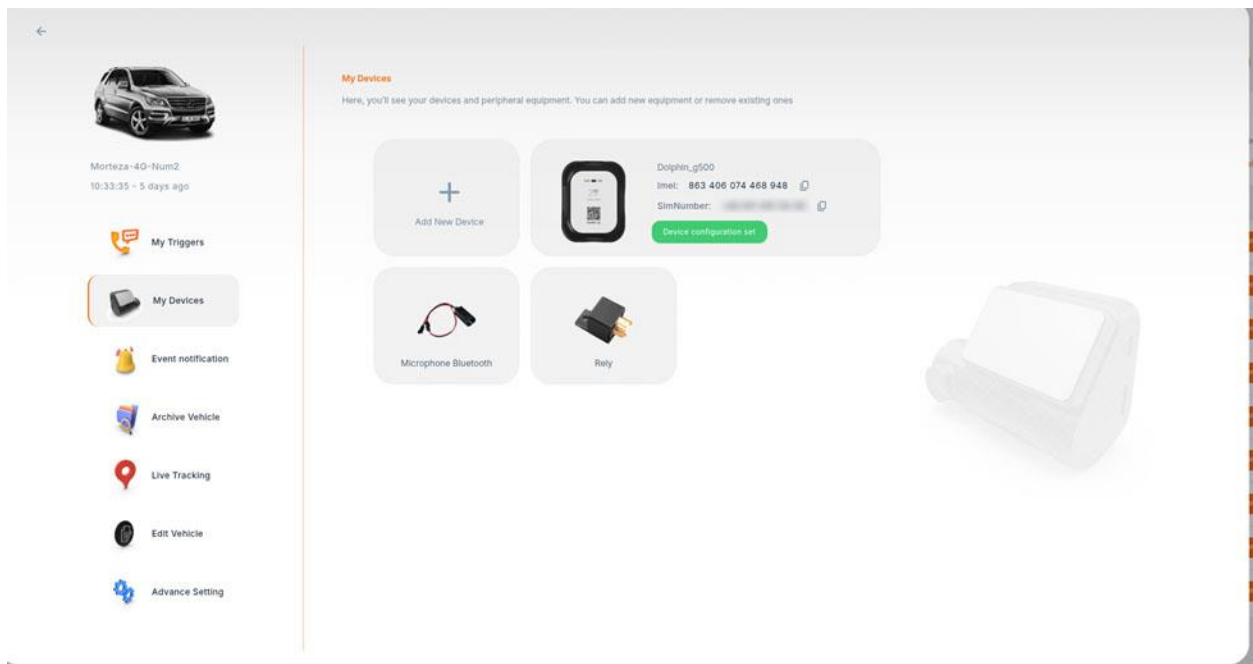
- When adding or editing a user, select the appropriate role under the Role dropdown.
- This ensures each user only has access to the data and features relevant to their responsibilities



## 3. Adding Peripheral Devices

After obtaining peripheral equipment such as a camera, beacon, driver identification tag, or Bluetooth sensor, you need to add them to your tracker in the Dolphin Connect platform so that their data can be viewed and used within the system.

### 3.1. Accessing the Peripheral Devices Menu

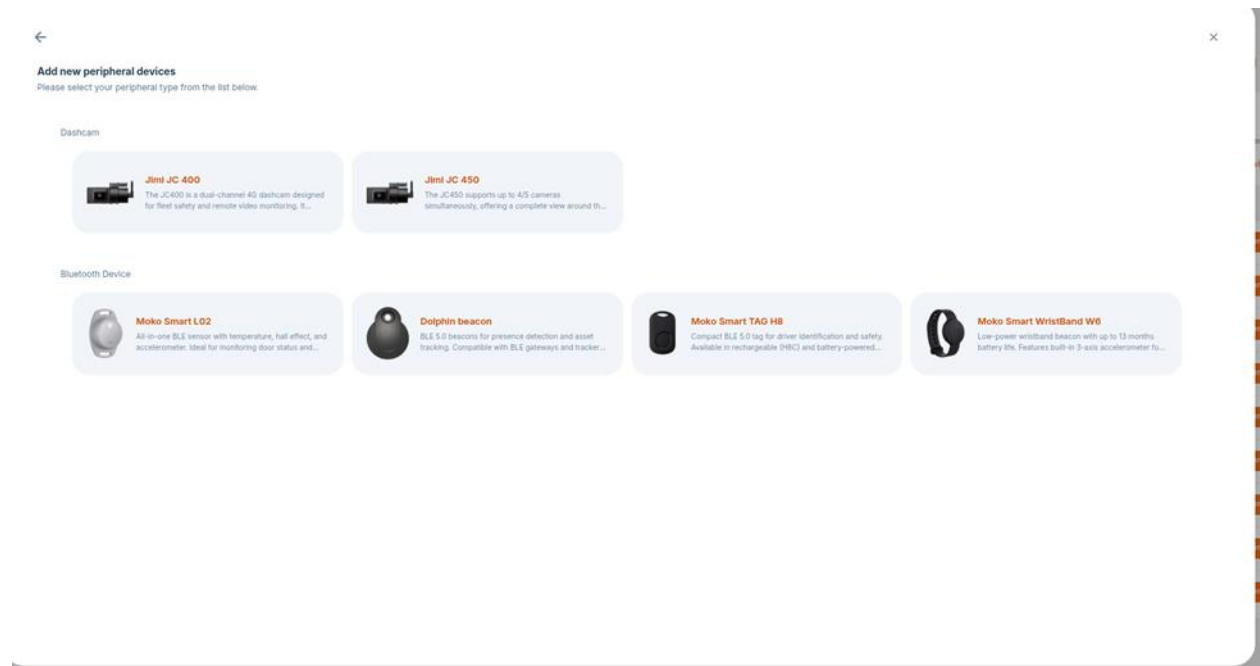


From the main menu, go to Management > Devices, then click on the device to which you want to add a peripheral.

Here, you will see a list of the current peripherals connected to your device.

To add a new peripheral, click the Add New Device button.

## 3.2. Selecting the Peripheral Type



On the new page, select the type of peripheral device.

In general, peripherals can include a wide range of equipment such as event recording cameras, driver status monitor cameras, various sensors, and Bluetooth tags.

Depending on the peripheral, you must select one of the listed options and proceed to its corresponding page.

For example, if your peripheral is a camera, choose one of the two displayed options based on its model; if your peripheral is a Bluetooth wristband, select the last displayed option.

(This list will expand in the future to include more variety.)

## 3.3. Entering Peripheral Information

Depending on the type of peripheral, a simple form will be displayed where you must enter the required details.

### 3.3.1. For the H8 TAG model, the form includes the following fields:

←

Bluetooth peripheral

Please enter your **Moko Smart TAG H8** Bluetooth information carefully in the form below

Bluetooth Information

Bluetooth MAC address \*

Bluetooth device name \*

Bluetooth Peripheral Metrics

Add Bluetooth peripheral



Moko Smart TAG H8

Compact BLE 5.0 tag for driver identification and safety. Available in rechargeable (H8C) and battery-powered models. Features a panic button and ultra-low power Nordic chipset.

- MAC Address
- Device Name
- Bluetooth Metrics: Enable options such as *NamespaceID*, *RSSI*, and *Instance ID*.

After entering the required details and selecting the metrics that this peripheral model is capable of transmitting, click the Add button.

Once the peripheral is connected to your tracker, the window will automatically return to the tracking page after a few seconds and display the data received from the peripheral via the tracker.

←

Bluetooth peripheral

Please enter your **Moko Smart TAG H8** Bluetooth information carefully in the form below

Bluetooth Information

Bluetooth MAC address \*

ee:5b:bc:0b:6b:30

Bluetooth device name \*

My Tag

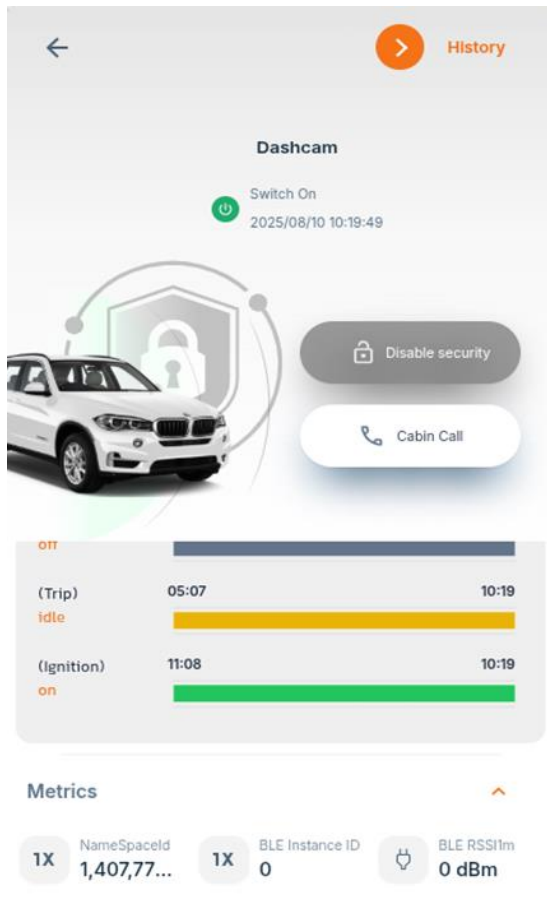
BLE RSSI, BLE Instance ID, NamespaceID

Add Bluetooth peripheral



Moko Smart TAG H8

Compact BLE 5.0 tag for driver identification and safety. Available in rechargeable (H8C) and battery-powered models. Features a panic button and ultra-low power Nordic chipset.



Your Bluetooth device has been successfully added to the device. We're now waiting to receive data from the device to ensure it's working correctly. You can either wait here or go to the tracking page.



Back to device

Go to tracking

### 3.3.2. JC181 Camera:

- Camera IMEI
- Country and SIM card number of the camera
- Custom title for the camera

If the camera is not powered on, its information is not found in the platform, or it has already been registered, appropriate messages will be displayed to the user.




The IMEI address is already in use


Camera peripheral

Please enter your **Jami JC 450** camera information carefully in the form below.

Camera Information

Camera IMEI \*

860112070036977

Country \*

+971 (Dubai)

Camera SIM Number \*

Camera Title \*

Add Camera



Jami JC 450

The JC450 supports up to 4/5 cameras simultaneously, offering a complete view around the vehicle. With built-in ADAS and DMS, it provides real-time safety alerts. LTE connectivity, cloud storage, and peripheral support make it ideal for large-scale fleet management.

### 3.3.3. WristBand W6:

- MAC Address
- Device Name
- Bluetooth Metrics: Enable the desired options, such as *PowerUp*, *Battery Voltage*, and *Temperature*.



#### Bluetooth peripheral

Please enter your **Moko Smart WristBand W6** Bluetooth information carefully in the form below

Bluetooth information

☒ BLE Battery Voltage
 ☒ BLE PowerUp
 ☒ BLE Temperature



Low-power wristband beacon with up to 13 months battery life. Features built-in 3-axis accelerometer for detecting movement, falls, and shocks. Supports Bluetooth 5.1. Ideal for personnel tracking and access control.

### 3.3.4. L02S Sensor:

- MAC Address
- Device Name
- Bluetooth Metrics: Enable the desired options, such as *Magnetic Field*, *Humidity*, *Temperature*, and others.

←

Bluetooth peripheral

Please enter your **Moko Smart L02** Bluetooth information carefully in the form below

Bluetooth Information

Bluetooth MAC address

ee:6b:bc:0b:5b:30

Bluetooth Device name

My Moko Beacon

BLE Movement, BLE RSSI, BLE Temperature, BLE Humidity, BLE Battery Present, BLE Magnetic Field

BLE Movement

BLE RSSI

BLE Temperature

BLE Humidity

BLE Battery Present

BLE Magnetic field



Moko Smart L02

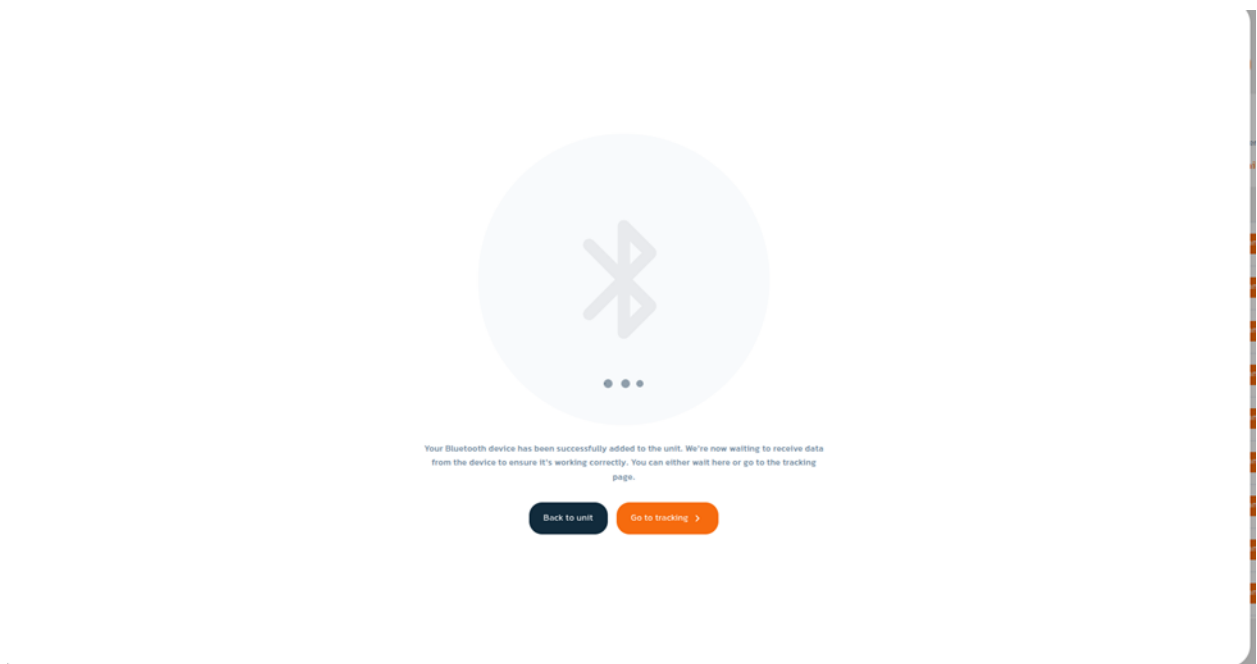
All-in-one BLE sensor with temperature, hall effect, and accelerometer. Ideal for monitoring door status and temperature in vehicles/trailers and sending data to BLE-enabled trackers or gateways.

### 3.4. Registering the Peripheral and Possible Errors

When adding a peripheral to a device, the user may encounter the following error messages:

| Error Message                                              | Description                                                                                                                               |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Invalid MAC Address                                        | The MAC address format is incorrect. Make sure the characters are separated by “:”.                                                       |
| This Bluetooth device has already been added to the system | This peripheral has already been registered in the system and cannot be added again.                                                      |
| No Bluetooth device has been assigned to this partner      | This peripheral has not been assigned to your account. It must first be granted to you by the system administrator before you can add it. |
| The IMEI address is already in use                         | A camera with this IMEI has already been registered. If it was not entered by mistake, it may already be active in the system.            |

### 3.5. Successful Confirmation



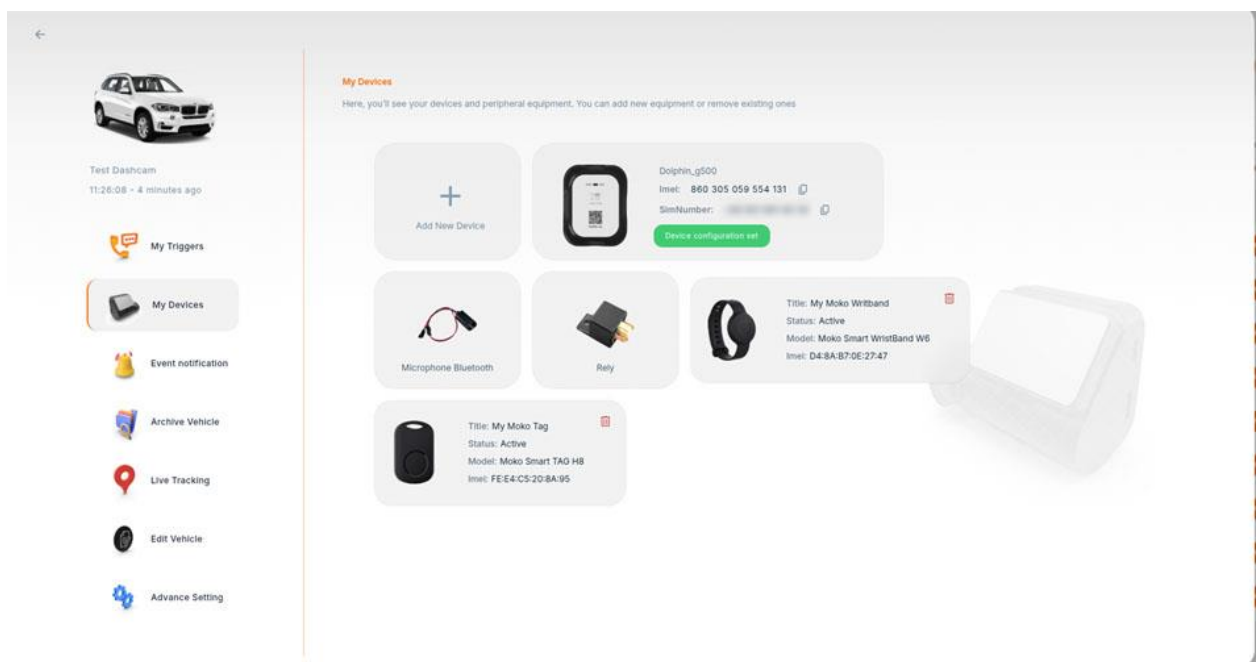
If the information is entered correctly and no errors occur, the system will display a success message:

"Your Bluetooth device has been successfully added to the unit. We're now waiting to receive data..."

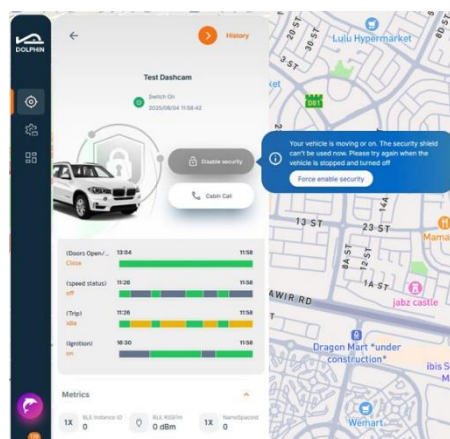
At this stage, you can proceed to the tracking page to view the equipment data, or return to the Units page to add your other peripherals.

### 3.6. Viewing Added Peripherals

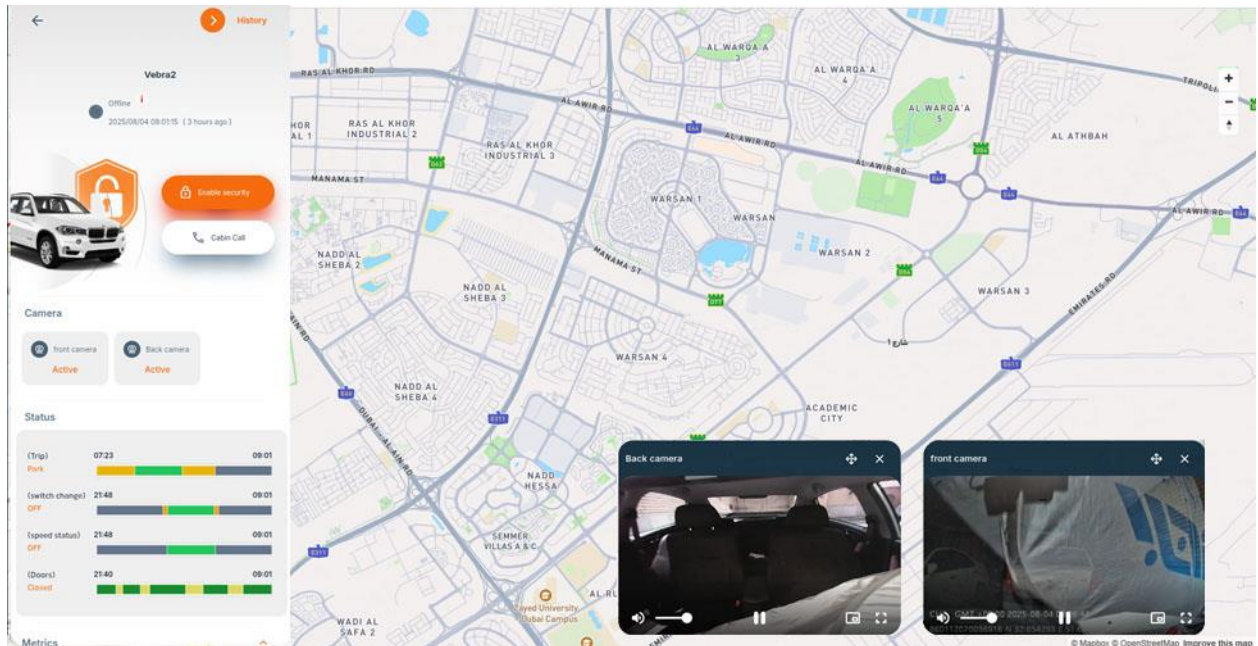
After a successful addition, the newly added peripheral will appear in the My Devices list.



Additionally, on the vehicle tracking dashboard, the values for the device's selected metrics will also be added and made visible.



### 3.7. Viewing Live Video from Cameras

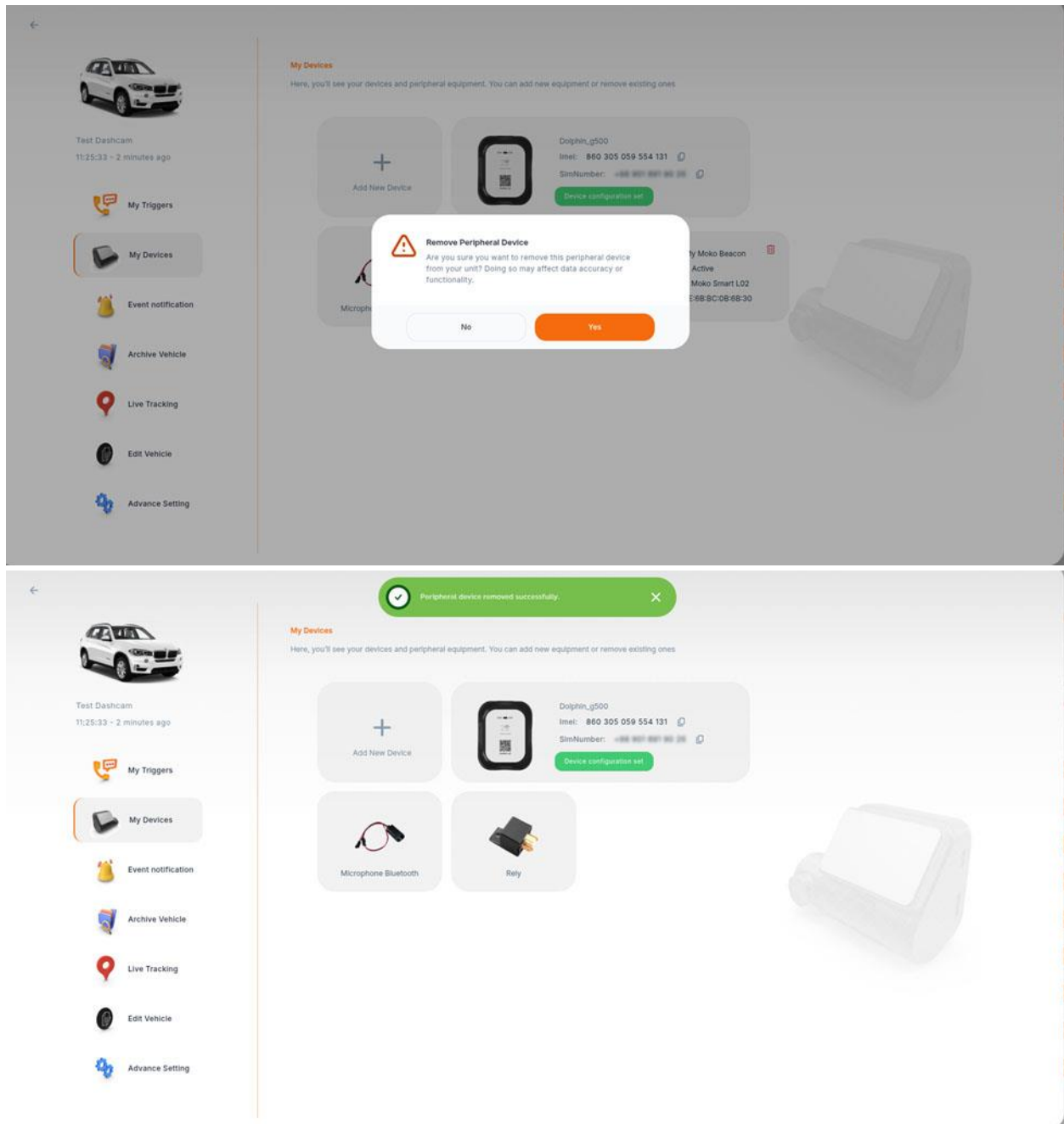


If a JC181, JC450, or similar camera is added and activated, two buttons — Front Camera and Back Camera — will appear in the tracking section.

- Clicking on each button will play the live video feed from the corresponding camera.
- You can view the image in an enlarged format and see details such as the time, location, and camera serial number displayed below the video.
- If the camera is not connected, its status will be shown as Inactive.
- The first request sent to the camera may take some time. If successful, the related video will be displayed; if unsuccessful (for example, due to weak network connectivity at the time of the request), an appropriate message will be shown.



### 3.8. Removing a Peripheral Device (If Needed)



To remove a peripheral:

- In the My Devices list, click the trash bin icon next to the peripheral.
- In the confirmation window, click Yes.
- The system will display a green message confirming that the peripheral has been successfully removed.