

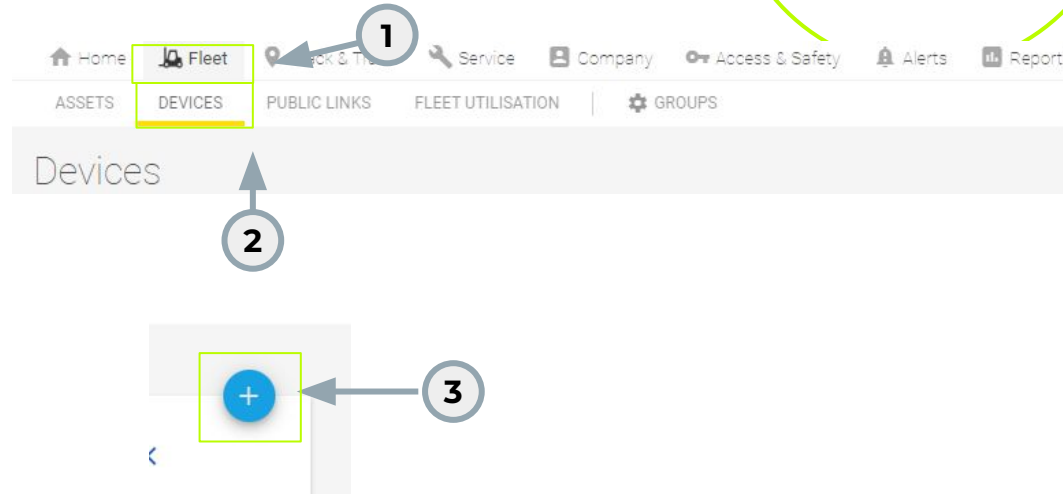


**GemOne<sup>®</sup>**

**Installation  
and configuration  
for basic setup**

# How to register a device

1. Go to the **'Fleet'** tab
2. Click on **'Devices'**, then click on the **"+"** button at the top right of the screen
3. Enter the **brand of the device** from the proposed preselection and its **IMEI**. Check that the **device is sending data** (see installation guide) so that it can be detected.



# How to register a device

4. A device can only be registered if its information has never been previously entered into the system.
5. **Find the newly created device**
6. Once the new device is found, **select the device and save it.** After that, it can be paired with a machine

The screenshot shows a mobile application interface for claiming a device. The title is 'Claim device'. Below the title is a section titled 'SEARCH FOR DEVICE'. This section contains two input fields: 'Device make \*' with a dropdown menu showing 'GEM One / Teltonika', and 'IMEI \*' with a text input field containing the placeholder 'Please fill in the IMEI of the device you want to claim'. A 'SEARCH DEVICE' button is located below the IMEI field. Below the search section is a 'DEVICE' section with a grey box containing an information icon and the text: 'Use the form to search for a device. A device can only be claimed when the inserted device information match exactly with an unclaimed device.' At the bottom of the form are two buttons: 'CANCEL' and 'CLAIM DEVICE >'. Three numbered callouts are present: '4' points to the 'Device make' dropdown, '5' points to the 'SEARCH DEVICE' button, and '6' points to the 'CLAIM DEVICE >' button.

← Claim device

**SEARCH FOR DEVICE**

Device make \*

GEM One / Teltonika

IMEI \*

Please fill in the IMEI of the device you want to claim

SEARCH DEVICE

**DEVICE**

Use the form to search for a device. A device can only be claimed when the inserted device information match exactly with an unclaimed device.

CANCEL CLAIM DEVICE >

# How to associate a device to a machine

1. Go to the **'Fleet'** tab
2. Click on **'Devices'**, search for the device to associate (by its IMEI or its brand). Once found, click on the device
3. Click on the **'Asset'** tab, then click on the **'Link asset'** button
4. In the new window, select the machine to associate with the device
5. **Click on 'Connect' and the process is complete.**

The screenshot illustrates the process of associating a device with a machine in the GEM One system. It is divided into five numbered steps:

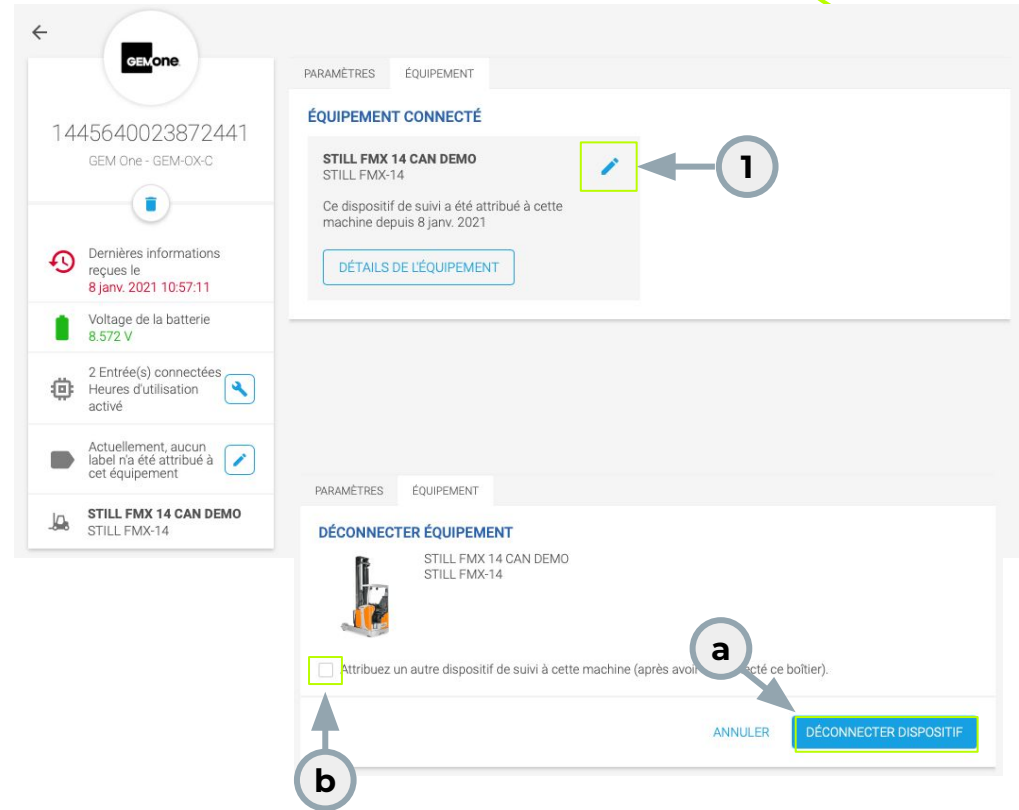
- Step 1:** The user navigates to the **Fleet** tab in the top navigation bar.
- Step 2:** The user clicks on the **DEVICES** sub-tab. A search for a device is performed, and the device is selected.
- Step 3:** The user clicks on the **ASSET** tab within the device settings. The **LINK-ASSET** button is then clicked.
- Step 4:** A modal window titled **CONNECTER EQUIPEMENT** is displayed, showing a list of available machines. The user selects the machine to associate with the device.
- Step 5:** The user clicks the **CONNECTER** button to complete the association process.

The table in the modal window lists the following equipment:

Nom d'équipement	Marque	Modèle	Labels
<input type="radio"/> Almacen Mexico	RAYMOND	7400DR-32TT	
<input type="radio"/> Demo Unit Spain	DEMO	DEMOBOX	
<input type="radio"/> Didier Demobox	TOYOTA	TEST	
<input type="radio"/> GEM One Olathe	GEM ONE	BENCH	
<input type="radio"/> GEMOne SINGAPORE/ASEAN Mobile Demo	ANY EQUIPMENT	GEM ONE SPECIAL	
<input type="radio"/> GEMOne SINGAPORE/ASEAN SOH KIM SENG Demo	GEM ONE	GEM-0X-GA	
<input type="radio"/> GEM-0X-C DemoBox - 354017111072209	DEMO	BOX	
<input type="radio"/> Giuseppe Demobox	GEM ONE	DEMOBOX 3	
<input type="radio"/> JCB ARA Show Scissor Lift	JCB	S1930E	
<input type="radio"/> MIFare demonstration	HYSTER	J3.DXN-861	

# How to unpair a device from a machine

1. **Select the device you want to unpair** and go to the Equipment tab and click on the pencil
2. At this level, you have **two options**:
  - a. Unpair the machine and complete the process
  - b. Unpair the machine and pair another device
3. After that, the unlinking is complete.



# Device Configuration

What information do you want to visualize/know?

1. Check and configure device settings using **Edit Settings**.
2. **Make sure the settings match your installation.** See installation guide.
3. Typically selected inputs are **key switch** and **hour meter**.

The screenshot displays the Onyx One device configuration interface. The top navigation bar includes 'Home', 'Fleet', 'Track & Trace', 'Service', 'Company', 'Access & Safety', 'Alerts', 'Reporting', 'Support & Legal', 'EN', and 'Welcome, Matthias Maes'. The main content area is divided into two columns. The left column shows the device's status, including the ID '354017115752517', the model 'Onyx One - GEM/NO/KC', and various sensors like battery voltage (3.467 V) and 2 connected inputs. The right column shows the 'TRACKING DEVICE STATUS' with 'GPS signal strength' (Good) and 'Asset power' (1.762 V). Below this is the 'ACCESS CONTROL (IGNITION BLOCKING)' section with a toggle switch. The 'TRACKING DEVICE SETTINGS' section is a table with columns for 'Digital I/O', 'Connected to', 'Invert signal', 'Processed status', and 'Operating hours input'. The table lists four digital inputs, with 'Digital input 1' set to 'Key switch' and 'Digital input 2' set to 'Hour counter'. A modal window titled 'Edit tracking device settings' is open, showing the same table with a '2' in a circle next to the 'Digital I/O' column header. The 'Digital input 1' and 'Digital input 2' rows are highlighted with a green box. A '3' in a circle is next to the 'Digital input 3' row. A '1' in a circle is next to the 'RELOAD STATUS' button. At the bottom of the modal, there is an 'INPUT FILTERING' section with a dropdown menu set to 'None' and 'CANCEL' and 'SAVE' buttons.

Digital I/O	Connected to	Invert signal	Processed status	Operating hours input
Digital input 1	Key switch	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>
Digital input 2	Hour counter	<input type="checkbox"/>	<input type="radio"/> Off	<input checked="" type="radio"/> Hour usage
Digital input 3	No option selected	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>
Digital input 4	No option selected	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>

# Device Configuration

- How to modify? For a selected digital input, **choose the corresponding option** by clicking on the arrow.
- Select the **input** on which you want to read the **machine's operational hours** by default.

Edit tracking device settings

**TRACKING DEVICE SETTINGS**

The information displayed below dates from **Nov 1, 2022 05:24:19**

Digital I/O	Connected to	Invert signal	Processed status	Operating hours input
Digital input 1	Key switch	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>
Digital input 2	Hour counter	<input type="checkbox"/>	<input type="radio"/> Off	<input checked="" type="radio"/>
Digital input 3	No option selected	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>
Digital input 4	Vibration	<input type="checkbox"/>	<input type="radio"/> Off	<input type="radio"/>

**INPUT FILTERING**

Some machines have the main breaker between the "+" pole of the battery and the chassis (ground wire). In that case, the machine is always connected to the "-" pole of the battery. This could cause a voltage on the inputs of our telematics module, which will be interpreted as activity (eg. ignition on, hour counter running...). To detect this situation, the telematics device needs an additional connection to the chassis (or any other ground wire of the machine).

In case of input filter, please select the right configuration above and the related input filter. Please note that the hours input and input filtering cannot be configured on the same input.

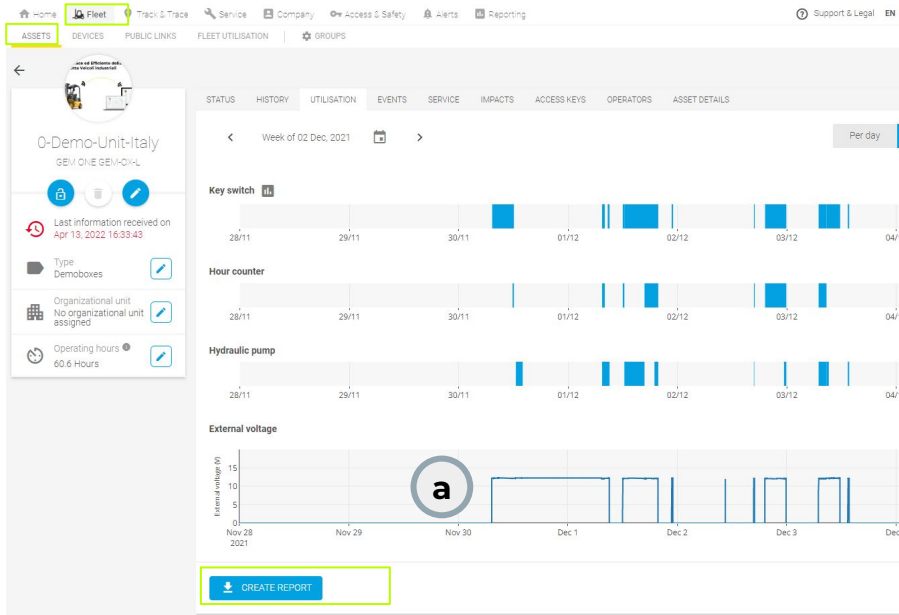
Input filter

None

CANCEL **SAVE**

# Device Configuration

- The selected entry will be used as the basis when you download the **hourly usage report**.



The screenshot shows the 'ÉQUIPEMENTS' page for 'STILL FMX 14 CAN DEMO'. A modal dialog titled 'Télécharger rapport d'utilisation' is open, allowing the user to download a report. The modal includes a dropdown menu for 'Sélectionnez votre rapport' with 'Rapport d'utilisation horaire (PDF)' selected, and date range inputs for 'De' and 'À'.





**Q&A**