



WEB APPLICATION MANUAL

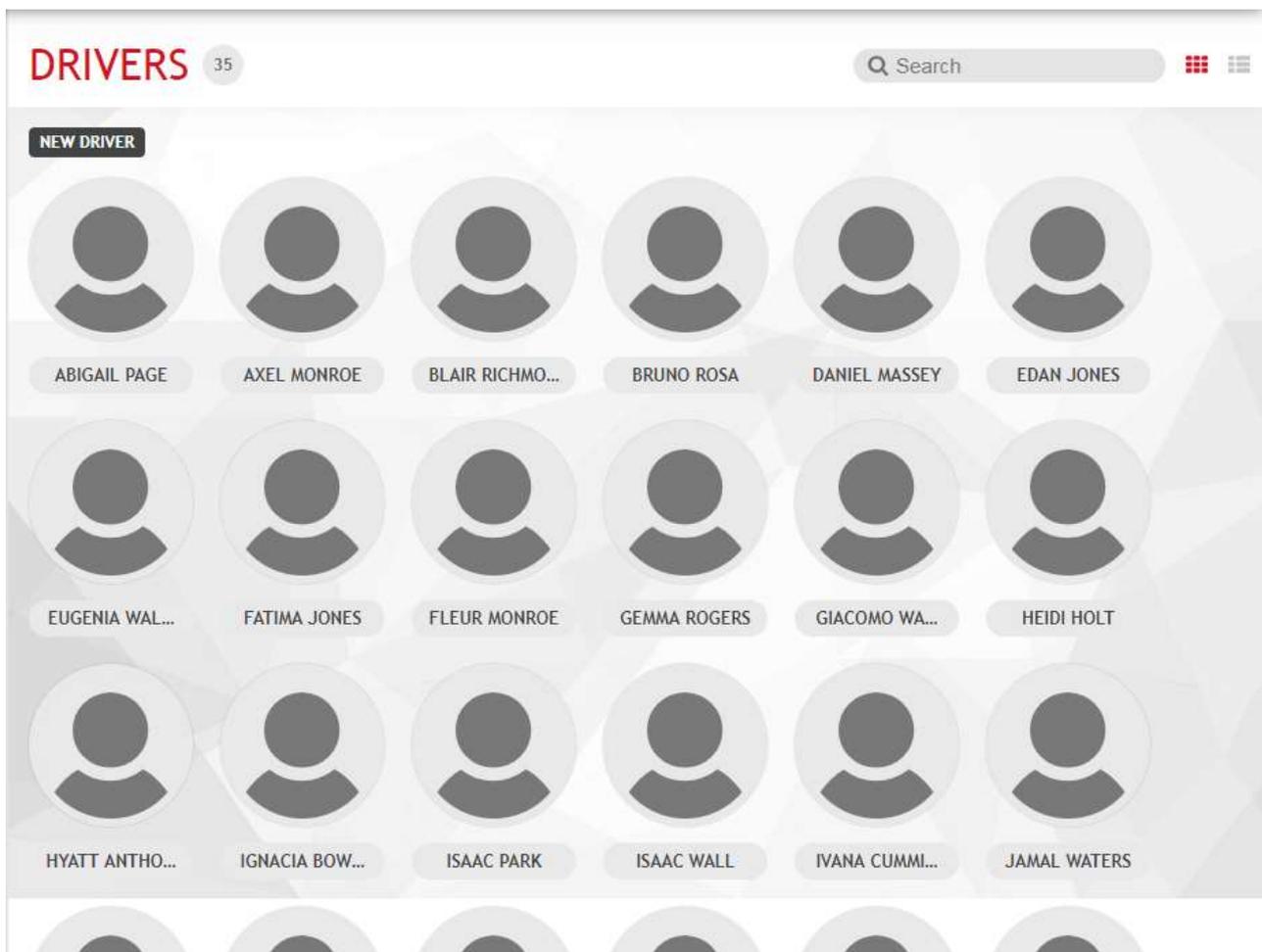
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1. DRIVERS



The DRIVERS section can be accessed by pressing the menu icon shown beside. This is the section where the site drivers can be managed. From here, you can add, modify and remove drivers from the site.



You can view the drivers in two different modes: as list or as overview. To switch between the display modes, press the button   .

To add a new driver, press the button  .

Caution

- Basically it is allowed to enter a maximum number of 10 drivers; if you want to extend the limit you need to buy an extension module and activate it from the 'Extensions' section (See chapter 5.3).

1.1 ADDING A NEW DRIVER

The fields of a driver are:

- **Name** (mandatory) – Driver's name
- **Surname** (mandatory) – Driver's surname
- **Phone number** (mandatory) – Driver's phone number. It is requested by the mobile application to authenticate the driver in the site and enable him to dispense.
- **Email** (mandatory) – Driver's email.
- **Ibutton code** (optional) – Code shown on the ibutton key. It is used by the driver to authenticate on the fuel dispenser instead of using the phone.
*The Ibutton code can be entered manually reading the code on the key or automatically using the appropriate reader to be connected to the PC; in this case you must install the tool **PIUSI IBUTTON READER** and then press the button .*
*The tool **PIUSI IBUTTON READER** works exclusively on the Windows platform and can be downloaded from the following link: <https://wswebssm.piusi.com/ibuttonreaderpiusi/setup.exe> or by the button .*
- **Image** (optional) – Driver recognition photo. To upload an image, press the box SELECT IMAGE.

1.2 DRIVER DETAILS

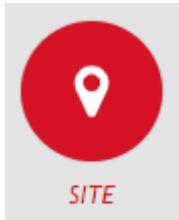
To view a driver's personal details, press his/her profile photo.



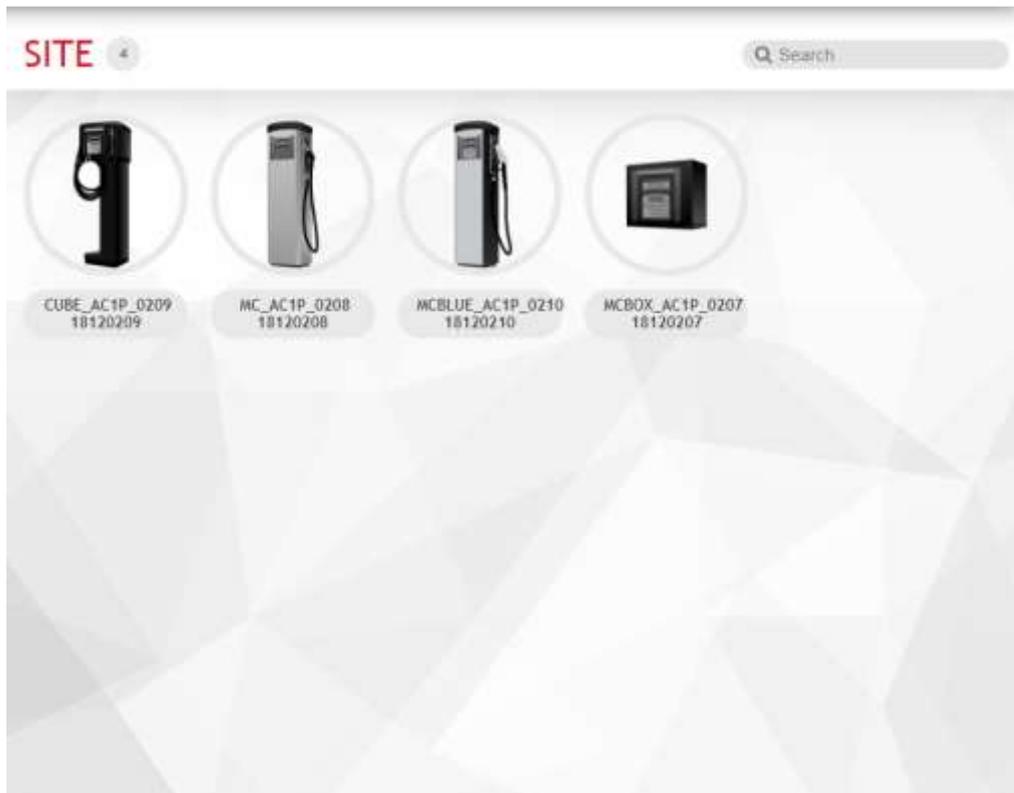
In this video page you can:

- **Modify** the driver's data.
- **Remove** the driver from the site.
- **Disable** or **enable** the driver – a disabled driver will not be able to dispense from the site.
- **Reset** the association between driver and phone- If the icon  appears it means that the driver has registered using his/her phone number via the mobile application and an association between phone number and device has been created. If you want to remove the association press the button : the driver can no longer use the mobile application on the phone on which he/she registered until he/she performs authentication again. Use this function only if the driver has changed phone.

2. SITE



The SITE section, which can be reached by pressing the menu icon shown on the side, is the section where you can manage the devices in your site, configure the relevant pumps, and specify the drivers who are enabled to dispense.



Devices are detected by the smartphone application and cannot be added manually by the Web Application.

There is no limit to the number of devices that can be added to the site.

2.1 DEVICE DETAILS

Pressing the desired device from the overview displaying opens the device modification tab, which is divided into 3 sections:

2.1.1 GENERAL DATA SECTION

The screenshot shows a web application interface for configuring a device. At the top, the device name 'CUBE_AC1P_0003' and its S/N '18110003' are displayed. Below this, there are three tabs: 'General' (selected), 'Pumps', and 'Drivers'. The 'General' tab contains several configuration fields:

- Device Name:** CUBE_AC1P_0003
- Location:** (empty text input)
- Manager Pincode:** 123456
- Date Format:** DDMMYYYY
- Time Format:** 24 Hours
- Visualization Type:** Only quantity
- Use registration numbers:** (checkbox, currently unchecked)
- S/N:** 18110003
- Hardware version:** 5
- Firmware version:** 1.0.0
- Firmware update:** 1.00.16 | 05/06/2019
Dimensione D6 Driver 500

At the bottom of the form, there is a 'SAVE' button and a 'DELETE DEVICE' button.

From this video page you can change the main configuration of the device, in particular:

- **Name** of the device – Unique device recognition identifier within the site.
- **Location** – Place where the fuel dispenser is located.
- **Pincode Manager** – Authentication code that will be used by the site manager for specific configurations from the mobile application (panel firmware update and calibration of the dispensers).
- **Date format** – Date format displayed on the device.
- **Time format** – Time format shown on the device display.
- **Use registration numbers** – Indication of whether the management of registration numbers is active. If it is active, the mobile application will ask you to enter a registration number before starting to dispense.
- **Use odometer** – Indication of whether odometer management is active. If the registration numbers represent vehicles to be refilled, you can specify the odometer of the vehicle before starting to dispense.

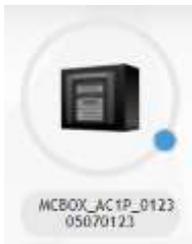
caution: This option is only available if the *Use registration numbers* option his active.

- **Displaying type** – Indication of what information are to be shown on the device display when inactive. The available options are:
 - Date and time
 - Total quantity dispensed
 - Date and time alternated with the total quantity dispensed

To remove a fuel dispenser from the site, press the button .

The following information is also provided in this section:

- **Serial number of the panel** – unique identifier of the panel.
- **Firmware version** – the panel firmware may be subject to changes and improvements over time; if a new firmware version is available the following notification will be shown in graphics:



To update the firmware of the fuel dispenser you need to use the smartphone application and authenticate yourself as a manager.

- **Hardware version.**

2.1.2 DISPENSERS

From this video page you can change the configuration of the pumps connected with the device, in particular:

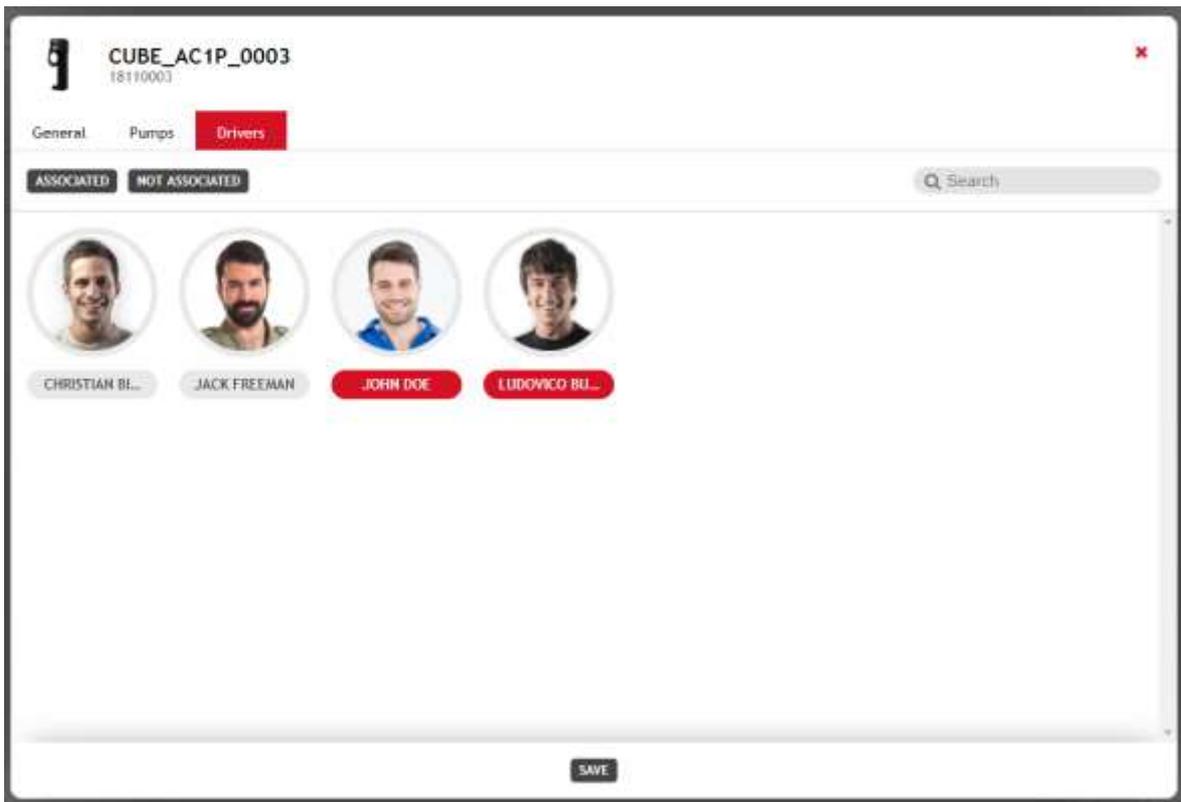
- **Status** – Logical status of the pump. When the pump is disabled, it is not possible to refill.
- **Name** – Unique identifier of the pump.
- **Unit of measurement** – Unit of measurement with which the liquid is dispensed.
- **Number of decimals** – Number of digits to be displayed on the fuel dispenser display after the decimal separator.
- **Piusi Pulsar meter** – Type of meter with which the pump is equipped. It is possible to customize the value of the single pulse by setting the type of meter to *Customized*.
- **Nozzle contact** – Indication of the nozzle contact presence.
- **Nozzle contact type** – Indication of the management of the nozzle contact if normally open or closed.
- **Dispensing TimeOut start** – Seconds running from when the dispensing operation is started by physically moving the nozzle from its position to when the trigger is pressed, in order to dispense the fluid. If the nozzle trigger is not released within this time period, the dispensing operation is cancelled;
- **Dispensing TimeOut end** – Seconds running from when the nozzle trigger is closed, and therefore cannot dispense, to when the nozzle is placed in the rest position. If the gun trigger is not pressed within this time period, the dispense is automatically stopped.
- **Level 1 alarm input** – Enables/disables the alarm no. 1 input.
- **Alarm 1 contact type** – Indicates whether alarm no. 1 should be triggered when the contact is normally open or normally closed.

- **Level 1 alarm** – Indicates the device behaviour if the alarm no. 1 is activated:
 - Warning - the mobile application displays a warning message indicating that alarm no. 1 has been activated, in this mode the pump is not cut off and it is still possible to dispense.
 - Pump Cut-Off - the pump is cut off and it is no longer possible to dispense in any way until alarm no. 1 is cleared.
- **Level 2 alarm input** – Enables/disables the alarm no. 2 input.
- **Alarm 2 contact type** – Indicates whether alarm no. 2 should be triggered when the contact is normally open or normally closed.
- **Level 2 alarm** – Indicates the device behaviour if the alarm no. 2 is activated:
 - Warning
 - Pump cut-off

Caution

- If a device has been deleted, it is not possible: to add it to the site via discovery; to synchronize data from the cloud to the smartphone application. If it has been incorrectly deleted from the site, go to the section 'Configuration -> devices' to restore the device (see chapter 5.3).
- To become effective, changes made to dispensers must be synchronized using the smartphone application connected to the Internet.

2.1.3 DRIVERS



From this video page you can indicate which drivers are to be associated to the fuel dispenser. Only associated drivers can authenticate themselves on the fuel dispenser (via mobile application or Ibutton) to dispense. A single driver can be associated with multiple fuel dispensers of the site.

Caution

- A maximum number of 200 drivers can be associated with a single dispenser.

3. REGISTRATION NUMBER



The REGISTRATION NUMBER section can be accessed by pressing the menu icon shown beside. This is the section where the site registration numbers can be managed.

The registration numbers can represent codes of work orders to be executed, or the license plate of a vehicle to be refilled. If you want to use the registration numbers as vehicle license plates, you can also keep track of the respective odometers.

There are no restrictions on the number of registration numbers that can be entered into the site.

To add a new element, press the button  .

3.1 ADDING A NEW REGISTRATION NUMBER

The screenshot shows a web form titled 'NEW REG. NUMBER' with a red close button in the top right corner. The form contains three main input fields:

- Reg. Number ***: A single-line text input field.
- Odometer ***: A horizontal slider control followed by a dropdown menu currently set to 'None'.
- Description**: A large, multi-line text area.

 At the bottom center of the form is a dark 'SAVE' button.

The fields of a Registration Number are:

- **Registration number** (mandatory) – Unique identification code of the element.
- **Odometer type** – If the registration number represents a vehicle, it is possible to define the unit of measurement of the odometer, choosing between
 - Kilometers
 - Miles
 - Hours
- **Odometer** – You can specify the vehicle odometer only if the type of odometer is different from "None".
- **Description** (optional) – Text field for saving additional information.

3.2 DETAILS OF A REGISTRATION NUMBER

The list of registration numbers contains the following information

185C1F3	149871 Km	felis ullamcorper viverra. Maecenas iaculis		
1B5FE3E	149890 Km	metus urna convallis erat, eget		
22F5FE2	149895 Km	Nulla semper tellus id nunc interdum feugiat. Sed nec m...		
2A94D97	149880 Km	velit. Cras lorem lorem, luctus ut, pellentesque eget, fd d...		

In this video page you can:

- **Modify** the registration number
- **Delete** the registration number

Caution

- After the first dispensing operation with a specific Registration Number, it will no longer be possible:
 - To delete the Registration Number.
 - To modify the odometer and set a value lower than the one previously saved.

4. REPORT



The REPORT section can be accessed by pressing the menu icon shown beside. This is the section where the log of the site dispensing operations can be viewed.

Range From 22 Jan 2019 To 29 Jan 2019

Filters **DISPENSERS** **REGISTRATION NUMBERS** **DRIVERS** **PUMPS**

Group By

The Web Application allows you to filter the dispensing operations by: Range of date, dispensers, registration numbers, drivers and dispensers. And to group the dispensing operations by: registration number, date, driver and dispenser.

Filters can be combined with each other.

After selecting the desired filtering and grouping, press the button **CREATE REPORT** to generate a new report. A graph and a list of filtered and grouped dispensing operations is displayed.

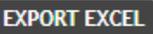
4.1 DISPENSING OPERATION DETAILS

The following information is given in the individual dispensing operation:

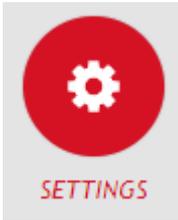


- **Status icon** – Indicates whether the dispensing operation has been successfully completed or if there has been a problem while dispensing:
 -  indicates that there was a power failure at the pump while dispensing.
- **Type of authentication** – Indicates how the driver is authenticated on the fuel dispenser:
 -  Access was performed using an Ibutton key.
 -  Access was performed using the smartphone application.
- **Date and time** – Date and time (reported according to the time zone of the fuel dispenser) at which the dispensing operation was made.
- **Type of dispensing operation** – Indicates whether the dispensing operation is a calibration or a refilling:
 -  The dispensing operation is a refilling.
 -  The dispensing operation is a calibration.
- **Device** – Name of the fuel dispenser from which the dispensing operation was made.
- **Driver** – Name of the driver who performed the operation.
- **Calibration factor** – The calibration factor of the dispenser at the time of dispensing operation.
- **Odometer** – Value of the entered odometer, if the device is enabled to manage the odometer.
- **Pump** – Name of the pump used to dispense.
- **Quantity** – Quantity dispensed in the unit of measurement chosen in the configuration section (see chapter 5).
- **Number of registration** – Number of registration entered at the time of the dispensing operation.
- **Modify dispensing operation** – It is possible to modify the dispensing operation fields through the panel:

- **Print ticket** – Generates the PDF file of the ticket created by the mobile application at the end of the dispensing operation. **Caution:** the ticket is available for download only if the mobile application has correctly synchronized its data.

It is also possible to generate a report on a PDF file of the dispensing operations made by pressing the button  /  and then .

5. CONFIGURATION



The CONFIGURATION section, which can be reached by pressing the menu icon shown on the side, is the section where you can configure system preferences, manage users to access the Web Application, and activate new extensions for your site.

5.1 GENERAL PREFERENCES

The screenshot shows the 'SETTINGS' application interface. At the top, there is a red header with the word 'SETTINGS' in white. Below the header, there are four tabs: 'Preferences' (highlighted in red), 'Users', 'Add-ons', and 'Deleted devices'. The 'Preferences' tab contains several settings:

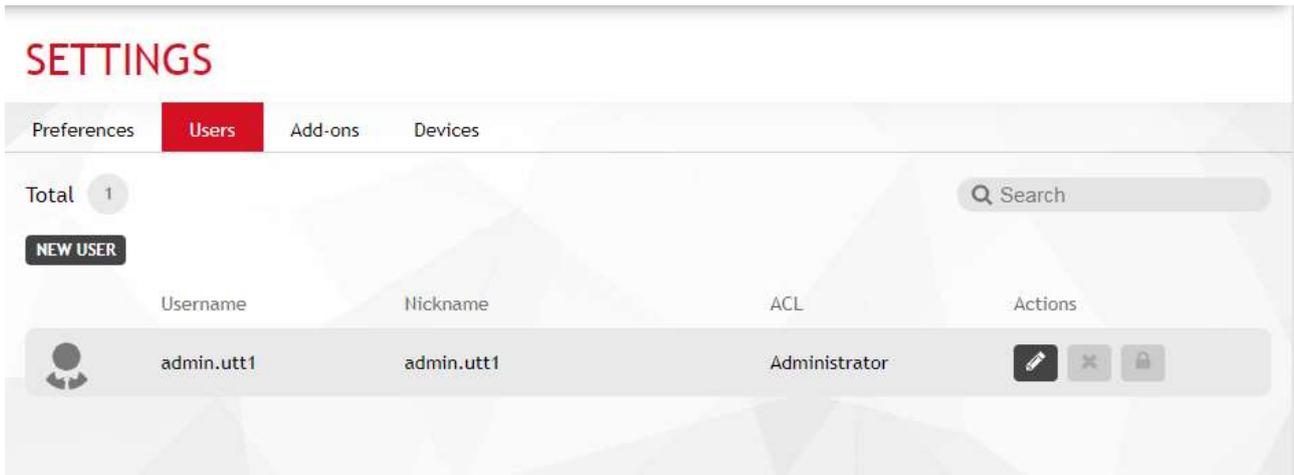
- Language:** A dropdown menu set to 'English'.
- Measurement Unit:** A dropdown menu set to 'Liters'.
- Date Format:** A dropdown menu set to 'DD/MM/YYYY'.
- Time Zone:** A dropdown menu set to '(UTC+01:00) Amsterdam, Berlin, Bern, f'.
- Time Format:** A dropdown menu set to '24 Hours'.
- Allow entering of Reg. Num. manually from APP?:** A radio button selection with 'YES' selected and 'NO' unselected.

At the bottom right of the settings area, there are two download icons: 'Ibutton reader' and 'Manual'. At the bottom center, there is a dark grey button with the text 'SAVED ✓'.

From this video page you can configure:

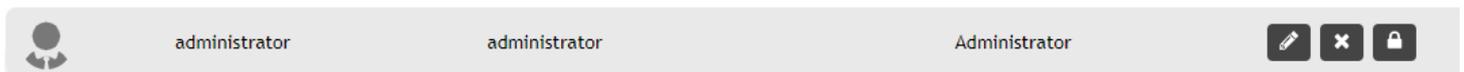
- **Language** – The language in which the Web Application is displayed.
- **Unit of measurement** – Unit of measurement with which the dispensed quantities are to be displayed.
- **Date format** – Date display format (DD/MM/YYYY, MM/DD/YYYY).
- **Time format** – Time format display (12 hours, 24 hours).
- **Time Zone** - Time Zone Setting. This preference is used to identify the geographical area from which the web app is used
- **Manual registration numbers** – You can choose whether you want to manually enter the registration numbers from the mobile application or let them be created only by the web application.

5.2 USERS



From this video page you can add, edit, disable and delete users who have access to the Web Application. A disabled or deleted user will no longer be able to access the site from the web application.

In particular, the following information is displayed:

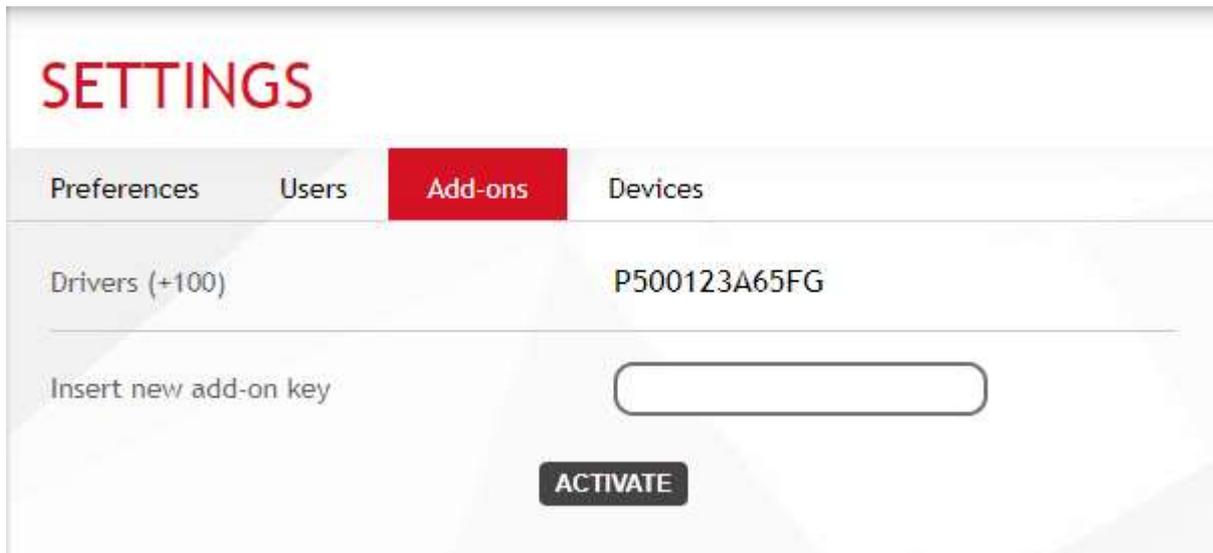


- **User role** – User privilege level:
 - Administrator user. He/she has complete control over the system.
 - Viewer user. He/she can only view the data, but it cannot add, modify or delete elements of the site (drivers, registration numbers, devices).
- **Username** – Unique identifier of the user you use to access the Web Application.
- **Nickname** – Identifier to recognize the user.

The detail of the user privileges is described in the following table:

Section	Action	ADMINISTRATOR	VIEWER
Drivers	Viewing drivers	YES	YES
	Adding driver	YES	NO
	Modifying driver	YES	NO
	Deleting driver	YES	NO
	Disabling/enabling driver	YES	NO
Reg. Numb.	Viewing Reg. Numbers	YES	YES
	Adding Reg. Number	YES	NO
	Modifying Reg. Number	YES	NO
Dispensers	Viewing dispenser	YES	YES
	Viewing dispenser pumps	YES	YES
	Viewing drivers associated with a dispenser	YES	YES
	Modifying dispenser	YES	NO
	Modifying pump	YES	NO
	Modifying dispenser/drivers association	YES	NO
	Disabling/enabling pump	YES	NO
	Deleting dispenser	YES	NO
Users	Viewing users	YES	NO
	Adding user	YES	NO
	Modifying user	YES	NO
	Disabling/enabling user	YES	NO
	Deleting user	YES	NO
Settings	Viewing user's preferences	YES	YES
	Modifying user's preferences	YES	YES
	Viewing active AddOns	YES	YES
	Activating new AddOns	YES	NO
	Activating a deleted device	YES	NO
Report	Viewing dispensing operation list	YES	YES
	Viewing graph	YES	YES
	Modifying dispensing operation	YES	NO

5.3 EXTENSIONS

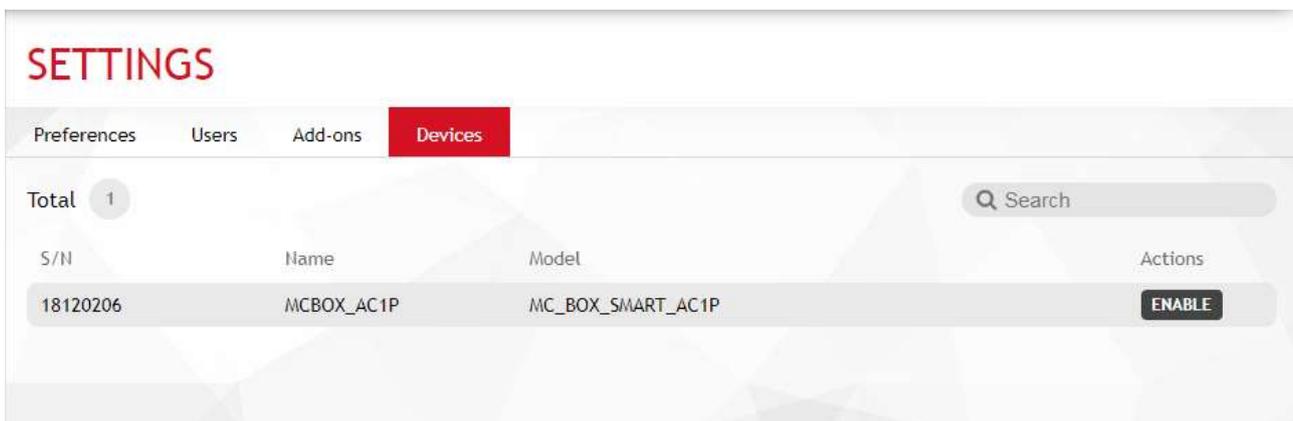


From this video page you can view the list of active extensions for your site and activate new ones. After purchasing a new extension, activate it by entering the code and press the button **ACTIVATE**.

Caution

- It is not possible to activate the same extension on different systems.

5.4 DEVICES



In this section (visible only to users with 'administrator' privilege level) you can see the list of devices deleted from the site. If a device has been wrongly deleted, you can reactivate it by pressing the button.