USER MANUAL

EVAC Cloud device

Rev. 2

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1. Introduction

EVAC Cloud is a revolutionary platform that redefines the management of **PA/VA** systems, offering advanced **remote access** for **real-time monitoring** and optimized **configuration**.

One of its key advantages is the ability to **centrally manage** multiple installations, **simplifying supervision** and **maintenance** from any location. The platform is designed to be user-friendly and fully compatible with **EN-54** certified systems, enabling fast and secure remote access to these devices.

EVAC Cloud also stands out for its strong focus on **communications security**, ensuring that all transmitted data is protected using robust encryption methods. This guarantees that administrators can securely control device fleets, configure parameters, and manage users with confidence, minimizing risks of unauthorized access or security breaches.

In summary, the platform not only optimizes operational efficiency but also provides a secure infrastructure for the comprehensive management of **PA/VA** systems.

2. Inputs and Outputs.

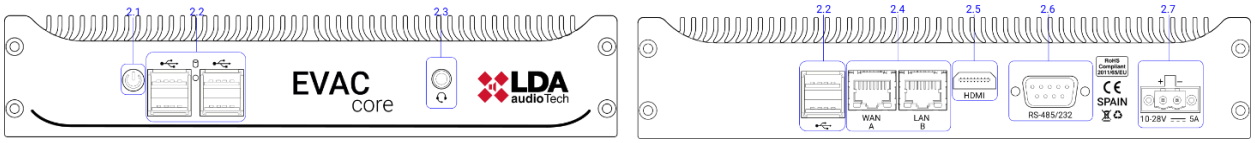


Illustration 1. Front and rear panels of the Evac Cloud device.

2.1. Power ON button

Turn your computer on and off. Note that the equipment turns on automatically when connected to the electrical current.

2.2. USB ports

It allows you to connect standard input and output peripherals, such as a keyboard or storage drive.

2.3. Sound input and output port

3.5mm **female** CTIA **jack connector**.

2.4. Ethernet ports

Two ethernet ports, one for connection to the Internet with the **WAN** label and one for connection to **EN54-16** systems with the **LAN** label

2.5. HDMI port

Video output of the equipment.

2.6. RS-485/232 port

9-pin **Sub-D** type connector for **RS-485** or **RS-232** communications.

Note: by default, it is configured as **RS-485**, for the **RS-232 configuration** it must be ordered at the factory.

2.7. Power input

2-pin Euroblock type connector.

3. Rack mount installation

Together with the **EVAC Cloud** device, the necessary parts for mounting and rack installation are supplied:

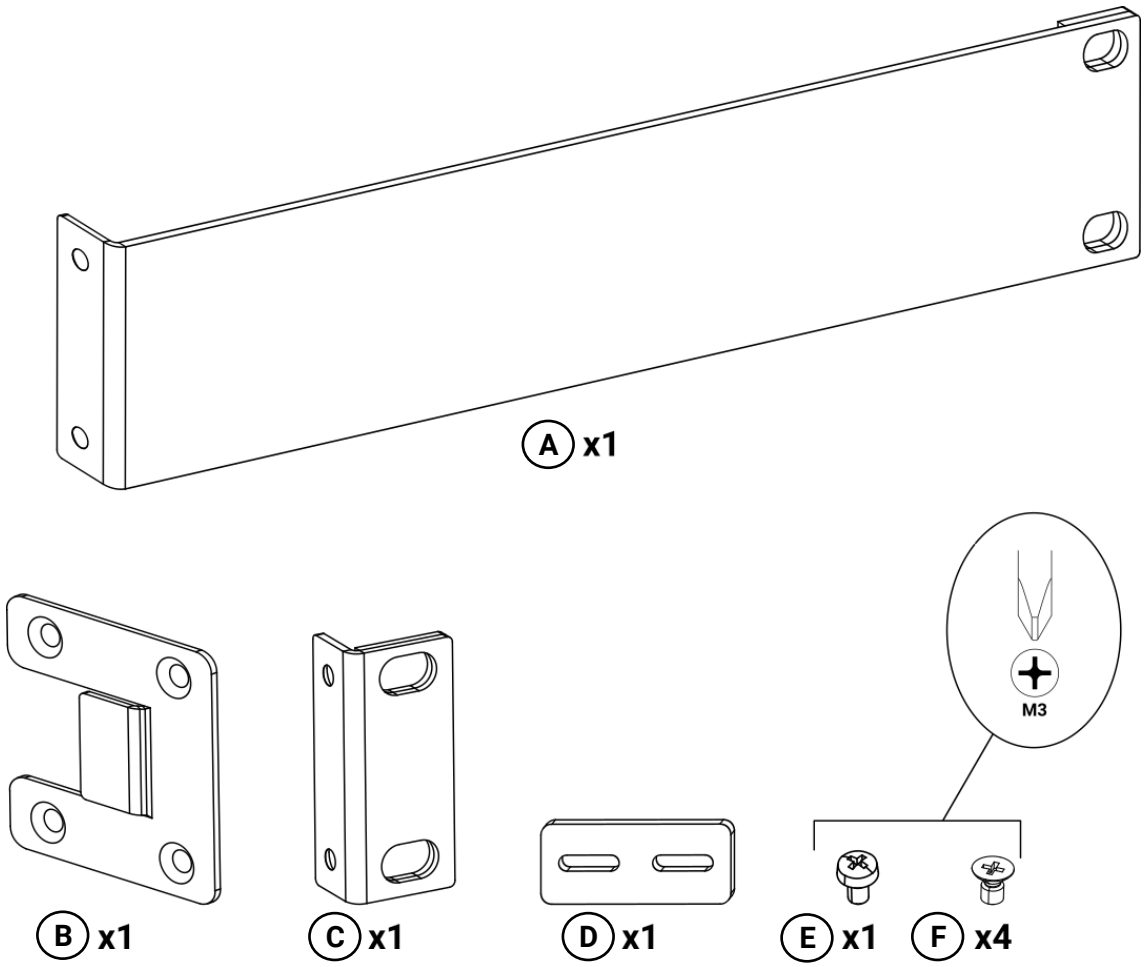


Illustration 2. Parts supplied for rack mounting.

A. 1 × Long ear for single rack mounting of an **EVAC Core** device.
B. 1 × U-shaped tabbed-out side plate for joint rack mounting of two **EVAC Core** devices.
C. 1 × Short ear.
D. 1 × Rear plate for joint rack mounting of two **EVAC Core** devices.
E. 1 × M3 pan head screw for fastening the rear plate.
F. 4 × M3 countersunk screws for fastening the ears.

3.1. Rack mounting of a single device

The following parts are required for rack mounting of a single device:

- Long ear.
- Short ear.
- 4 × M3 countersunk screws

Assembly of the short ear using two countersunk screws.:

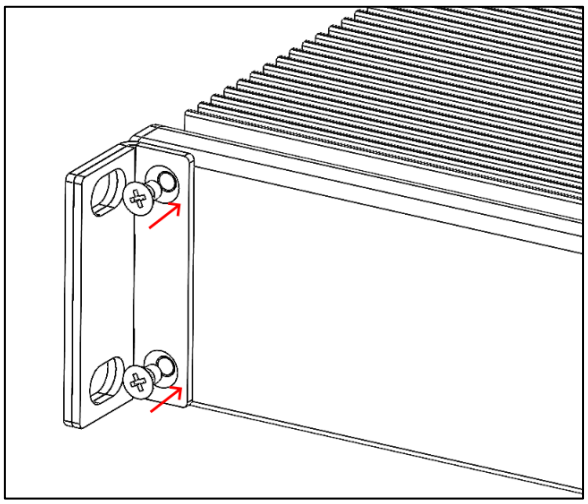


Illustration 3. Assembly of the short ear.

Assembly of the long ear using two countersunk screws:

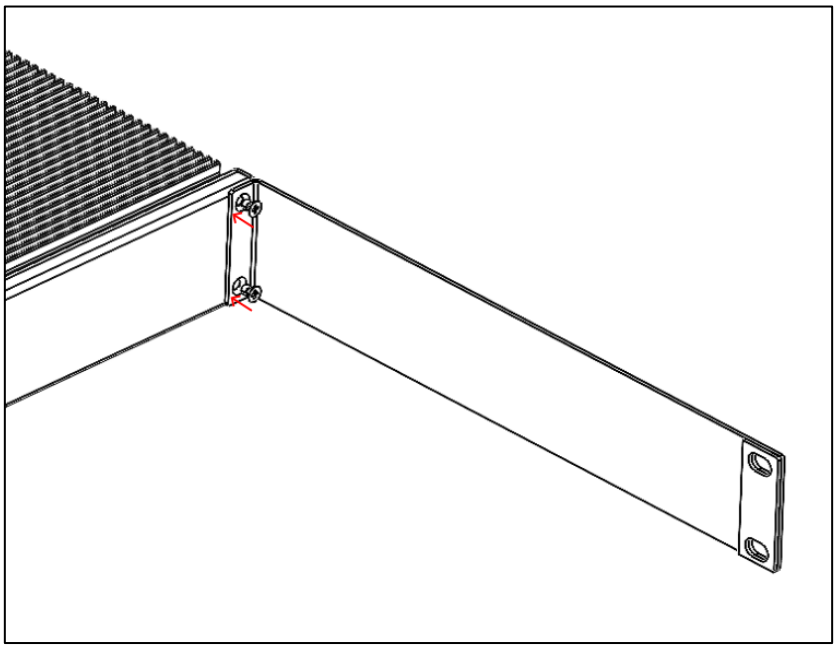


Illustration 4. Assembly of the long ear.

Device ready for rack installation:

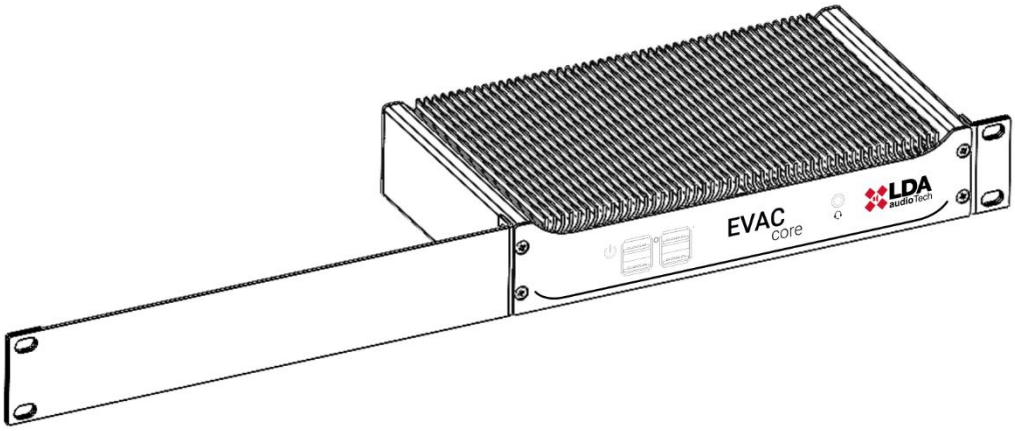


Illustration 5. Rack mount installation of a single EVAC Core device.

3.2. Joint rack mounting of two devices

For the joint rack mounting of two devices, the following parts will be required:

- U-shaped tabbed-out side plate.
- Rear plate.
- Short ear.
- 4 × M3 countersunk screws.
- M3 pan head screw.

Assembly of the short ear using two countersunk screws:

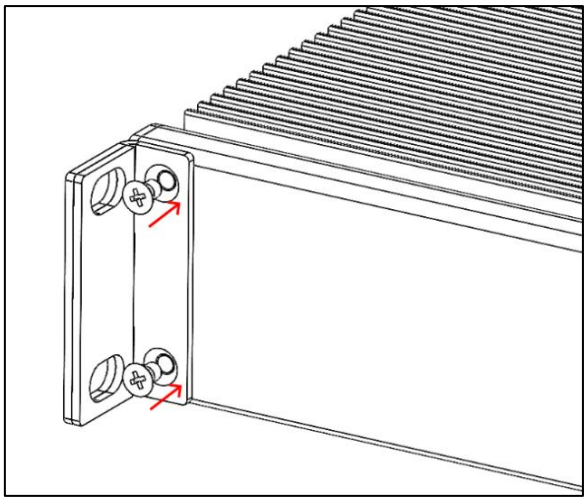


Illustration 6. Assembly of the short ear.

Assembly of the side plate using two countersunk screws:

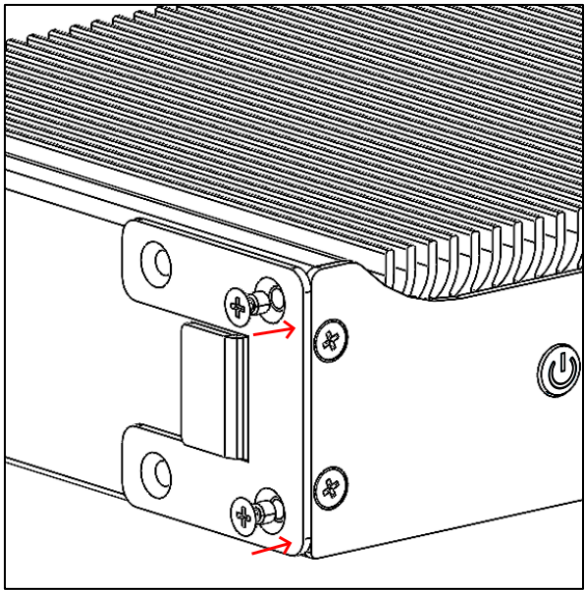


Illustration 7. Assembly of the side plate.

In the second **EVAC Core** device, the short ear and the side plate will be mounted on the opposite sides of the first device. Additionally, the side plate must be positioned with its ends pointing in the opposite direction to those of the first device, so that the joint between both devices is stabilized by the insertion of both tabs:

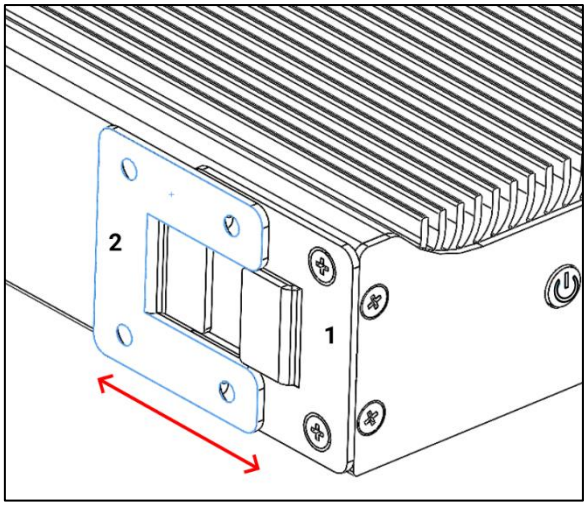


Illustration 8.
Insertion of the side plate of both devices.

Once both devices have been fastened by means of the side plate and to reinforce the joint, the rear plate will be fastened to both devices using the pan head screw of each device:

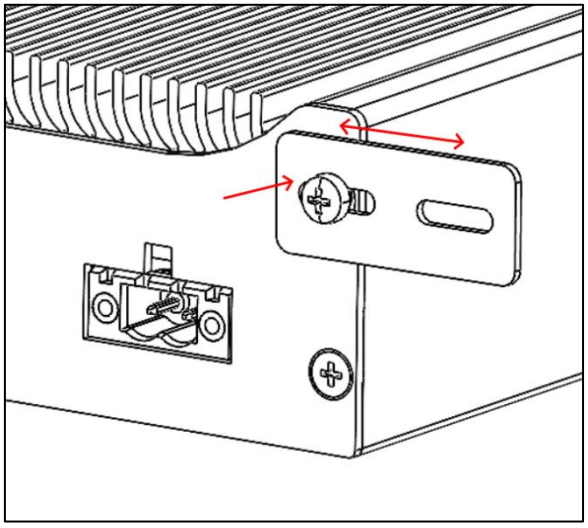


Illustration 9. Assembly of the rear plate.

Schematic overview of the joint rack mounting of two EVAC Core devices with all the necessary parts after which both will be ready for rack installation:

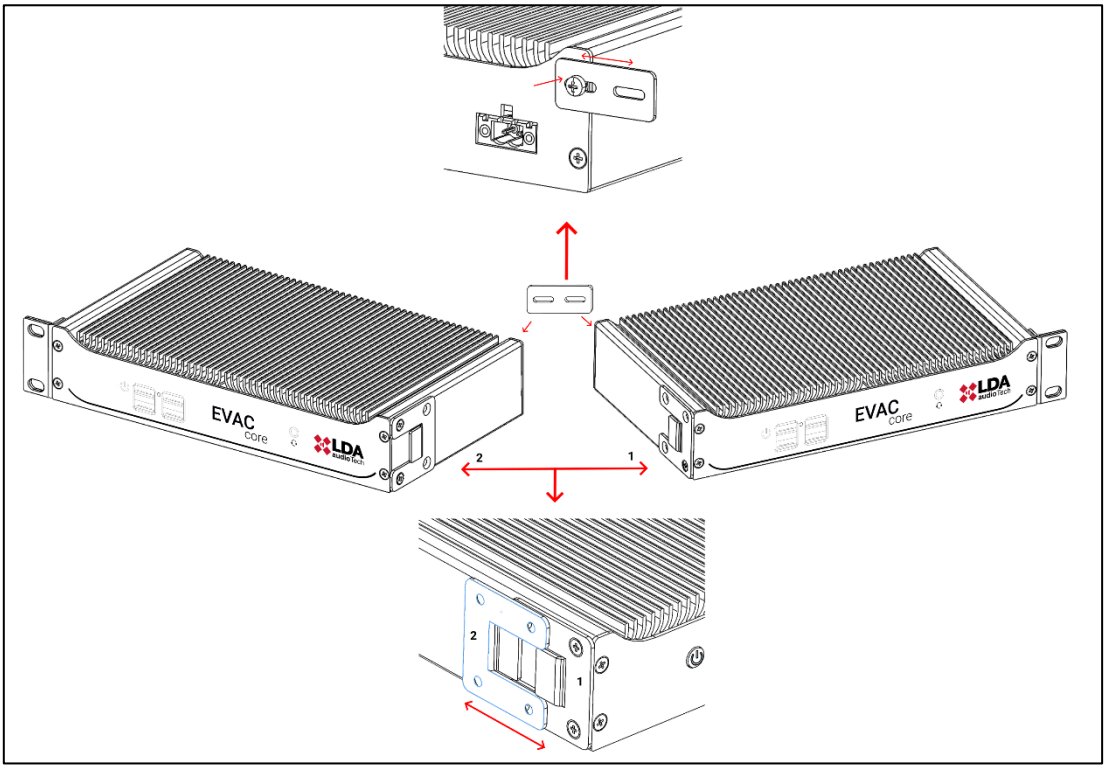


Illustration 10. Schematic of the joint rack mounting of two EVAC Core devices.

4. HDMI Console

Plugging a monitor into the **HDMI** port, the system console will be displayed in which messages can be displayed regarding:

- **Starting** or **ending** the **EVAC Cloud** service, both at startup and at its end after a shutdown or restart of the device or service.
- **Device identifier**. Value that will present the following format:

  EVACCloud-aabbcc

  Where ***"aabbcc"*** is a six-character alphanumeric string that can contain both numbers and lowercase letters. An example of possible device identifier could be:

  EVACCloud-645595

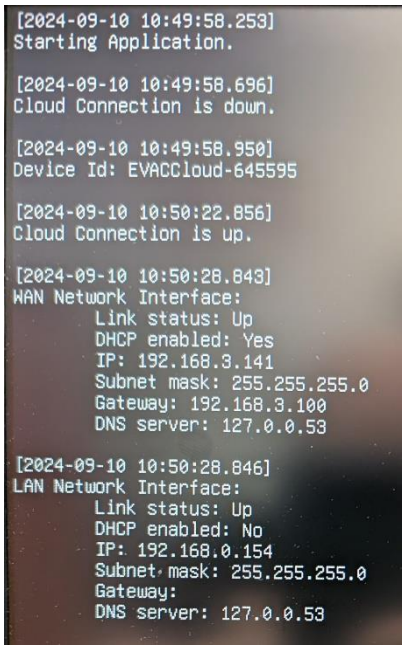


Illustration 11. HDMI Console.

- **Status** and **configuration** of **LAN** and **WAN** network interfaces, updating the values when any changes occur in them.
- **Device** connection status with the **LDA Audio Tech cloud**.
- Indication of whether the last boot occurred by activation of the **watchdog** of the **EVAC Cloud** device.

5. Local web

To access the local web application, it will be necessary to have a computer with an up-to-date web browser and connected on the same local network as the **LAN** port of the **EVAC Cloud** device. In the browser's address bar, enter the following device URL, which will have the following format:

https://evaccloud-aabbcc.local

The string "***evaccloud-aabbcc"*** corresponds to the device identifier, in which, as described in the previous section, "***aabbcc"*** is a six-character alphanumeric string that can contain both numbers and lowercase letters. A possible URL could be:

https://evaccloud-645595.local

It is also possible to use the IP address of the **LAN** interface. Out of the box, this address is set to "**192.168.0.254**":

https://192.168.0.254

Once the URL is entered into the browser, you will be taken directly to the login page of the **EVAC Cloud** device local web. This page is the gateway for the device configuration and management.

5.1. Download certificate for local website

If, once the website has loaded, the following message appears:

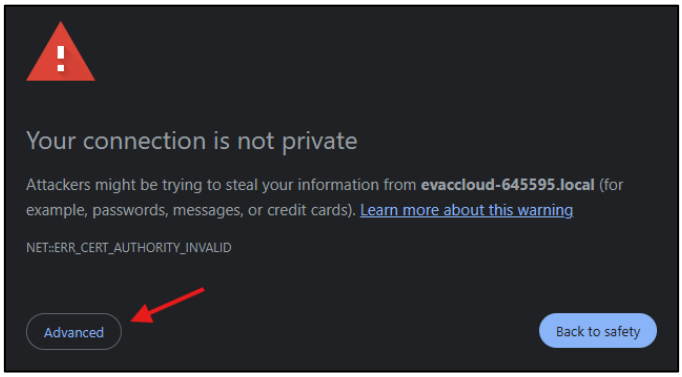


Illustration 12. Privacy error.

You will have to click on the ***"Advanced"*** in the lower-left corner. The window with the warning message will expand to show additional information:

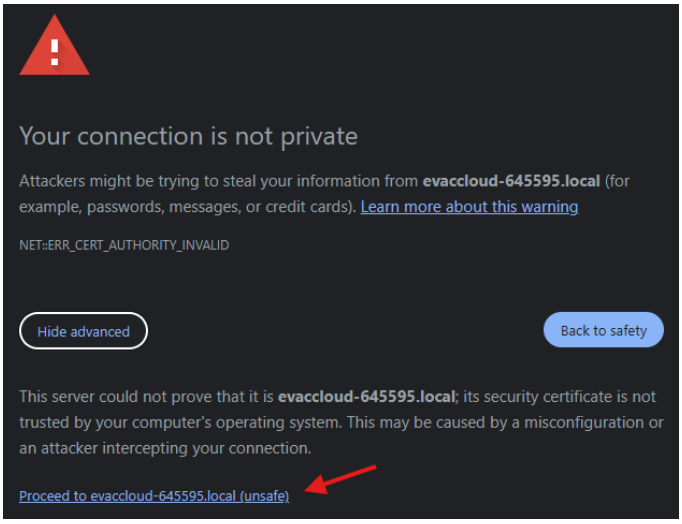


Illustration 13. Privacy Error 2.

Next, click on the ***"Proceed to..."*** link at the bottom, where the URL entered in the browser will be displayed.

The screenshots shown belong to **Google Chrome**, with other browsers warning windows like those shown here will be displayed.

After you have followed all the steps described above, the login page of the **EVAC Cloud** device local website will finally be displayed:

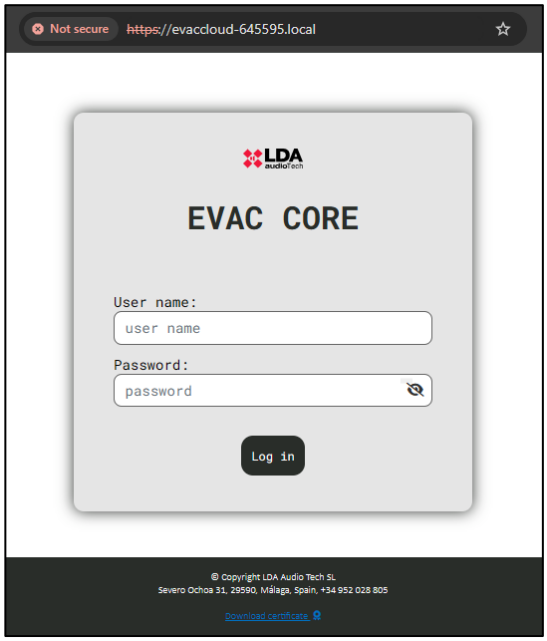


Illustration 14. Login page.

At the bottom or footer of the website page, there is a link with the text ***"Download certificate"***:

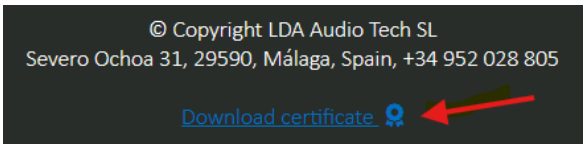


Illustration 15. Download certificate.

By clicking on this link, you will proceed with the download of the certificate that, once installed, will allow secure access to the local website.

Once downloaded, you must go to the folder where the certificate file has been saved and double-click on it to start the certificate installation wizard:

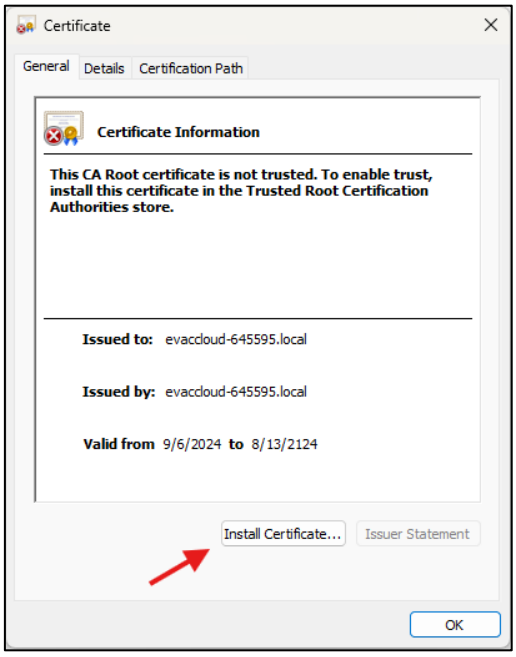


Illustration 16. Certificate.

Click on the "***Install certificate...***" button and select the **"Current User"** *option in the "***Store location**" *section* and click on the **"*Next*"** *button*:

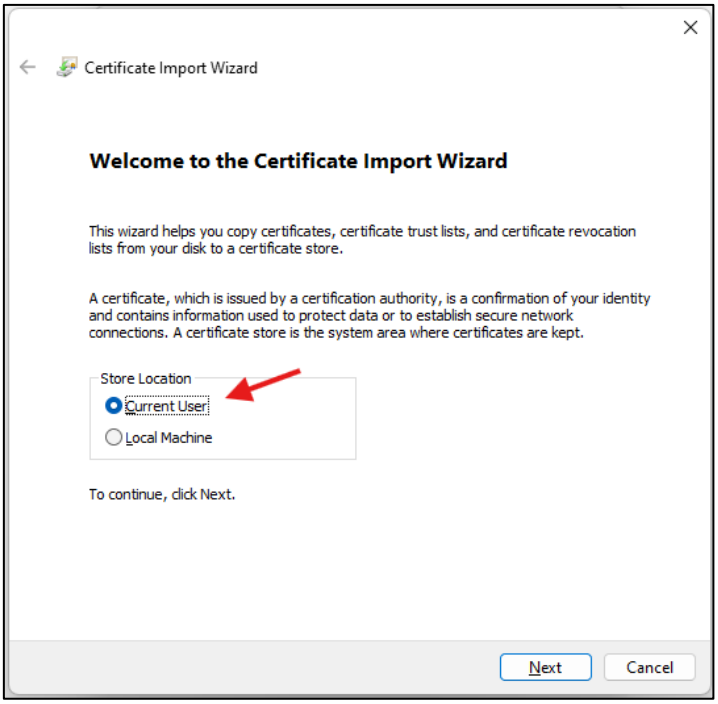


Illustration 17. Certificate installation wizard.

Select the option "**Place all certificates in the following store**" and click the "**Browse...**" button:

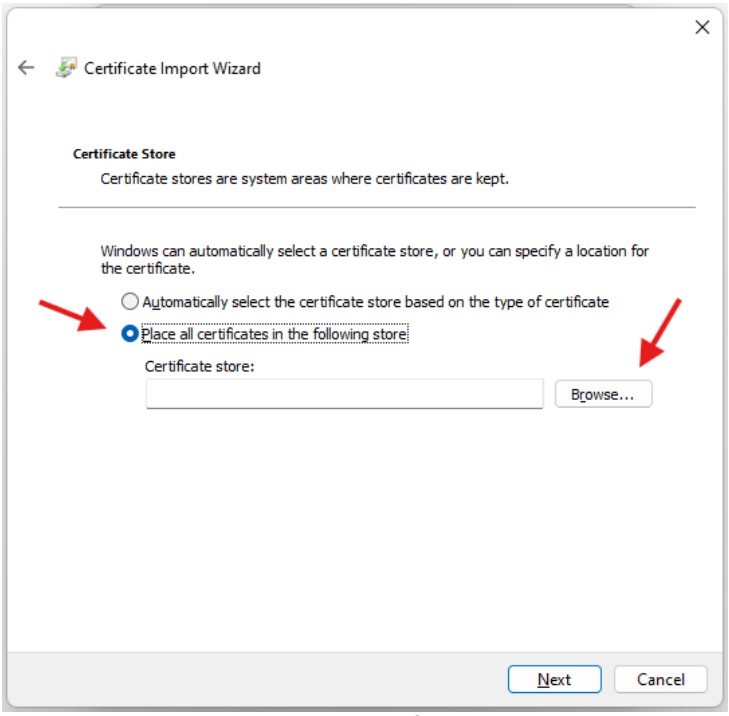


Illustration 18. Certificate Store.

Select the "**Trusted Root Certification Authorities**" option in the new window and click the "**OK**" button:

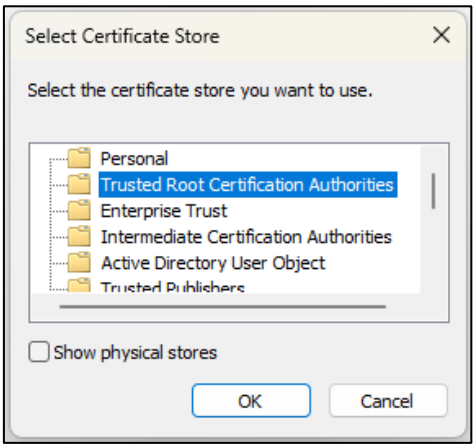


Illustration 19. Certificate store selection.

The pop-up window will close, and you would have to press the "**Next**" button:

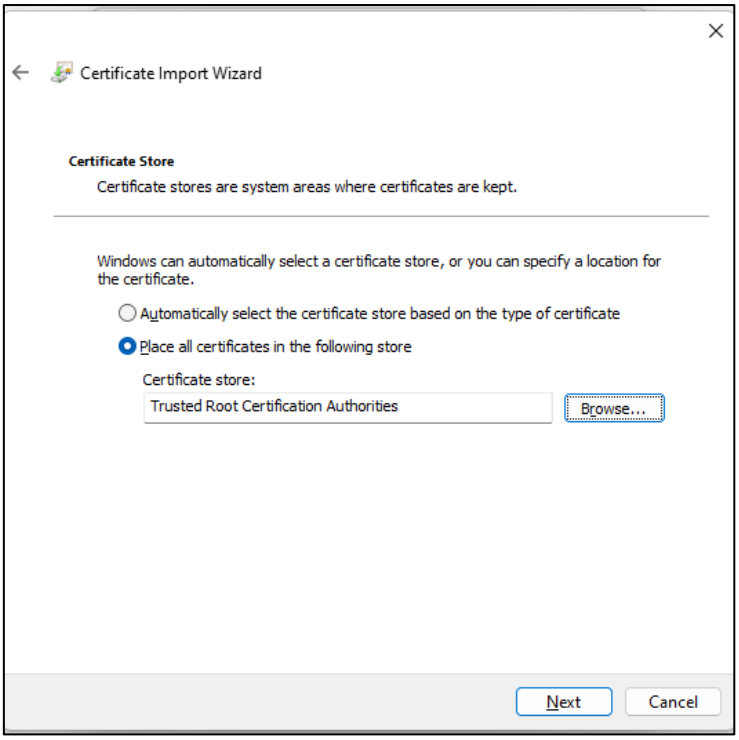


Illustration 20. Certificate store acknowledgment.

Finally, you must click on the "**Finish**" button:

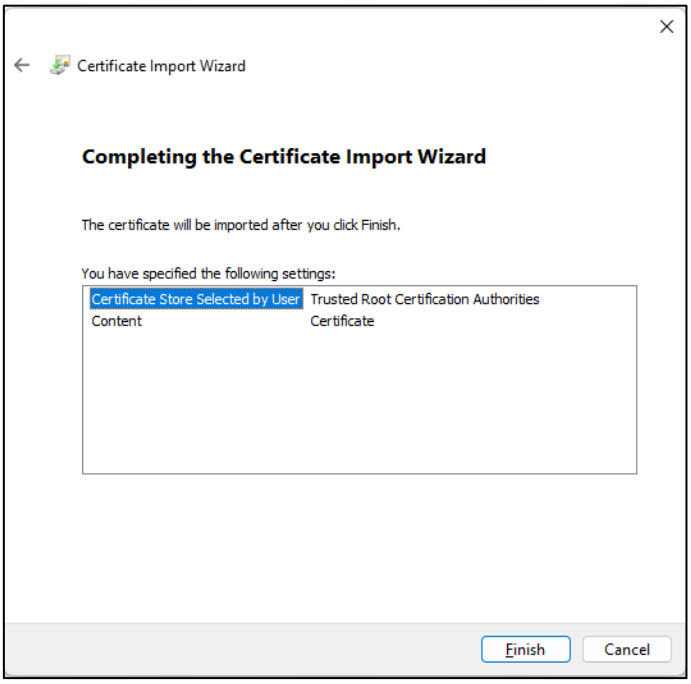


Illustration 21. Completing the Install Certificates Wizard.

Confirm the installation by pressing the **"Yes"** button in the new window that will pop up:

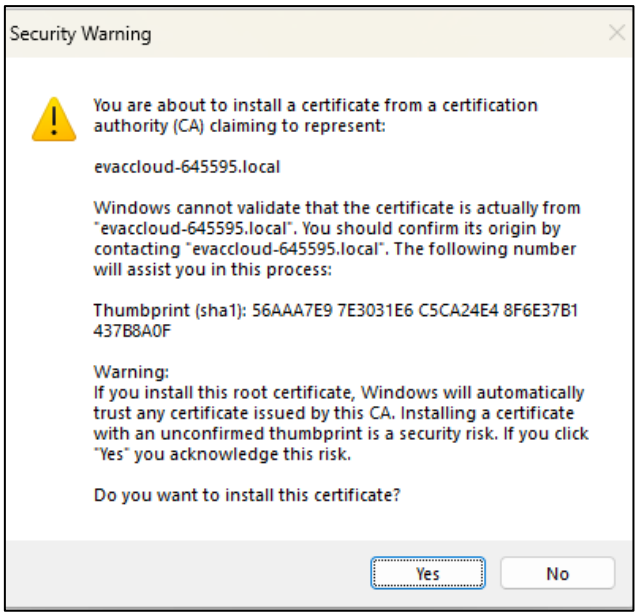


Illustration 22. Safety warning when installing certificate.

If everything has gone well, a confirmation message will appear:

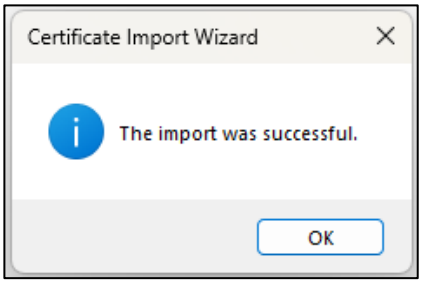


Illustration 23. Certificate installation confirmation.

It is advisable to restart the web browser by closing all its open windows. Once restarted, reloading the device's local website will no longer display the notice that the website is not secure:

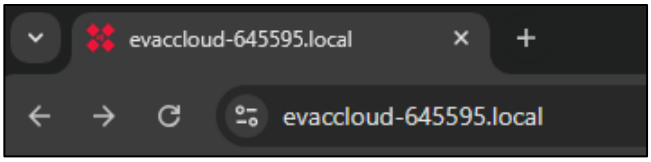


Illustration 24. URL to access the website.

6. Login

Once you access the **EVAC Cloud** local web application, the first page you find is the login screen. On this page, you must enter the credentials provided, which include the username and password assigned to access the device settings (see user management section).

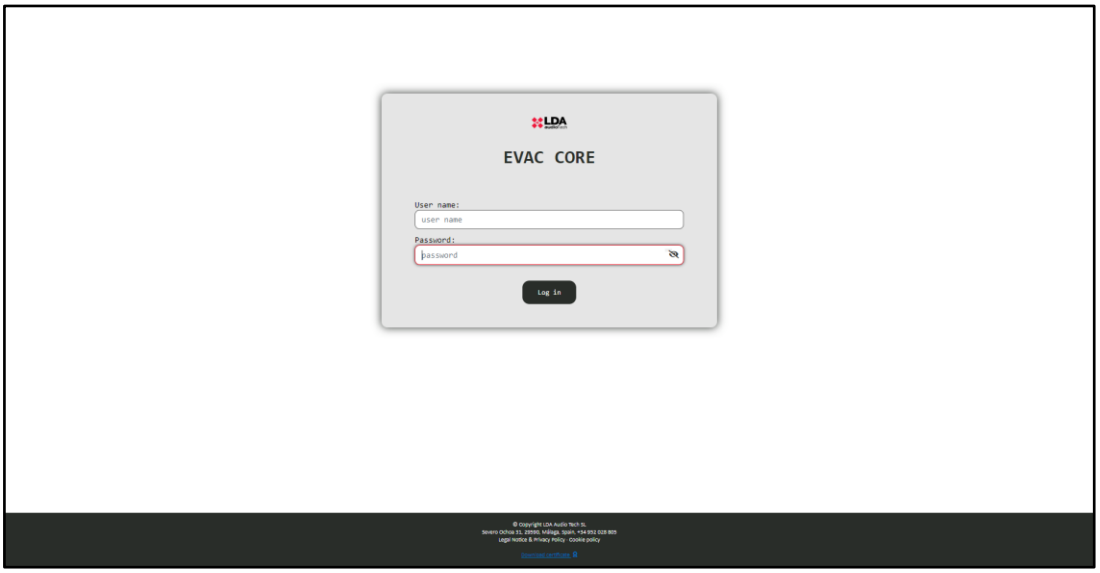


Illustration 25. Login page.

The system comes pre-configured from the factory with an access account using the following credentials:

- User name: **core**
- Password: **G2BepK2Hj%mcKY**

7. Content Distribution

Once logged in, you access the main page of the **EVAC Cloud** web application where you can distinguish three main zones.

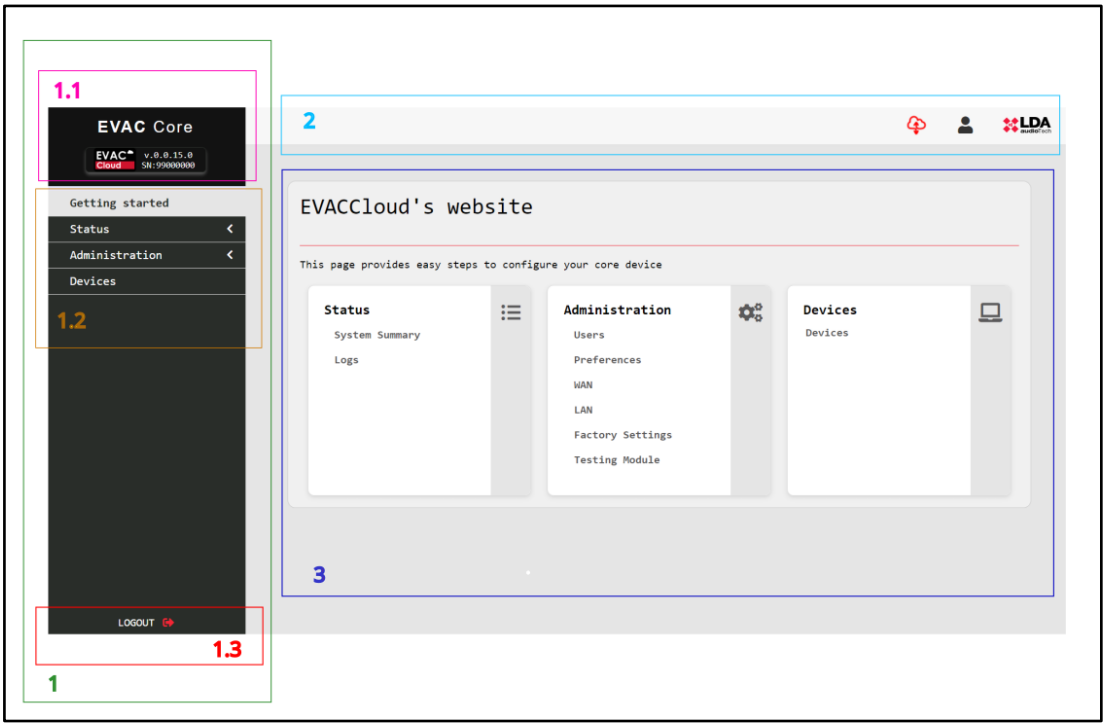


Illustration 26. Content distribution

1 Side menu.

- 1.1 Header.
- 1.2 Main menu.
- 1.3 Log Out.

2 Top bar.

3 Content.

7.1. Side menu

7.1.1. Header

Located in the upper left, it shows the main parameters that identify the device: **model**, **Application Version** and **Serial Number**:

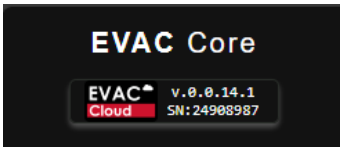


Illustration 27. Side menu header.

- **Device Model:**

In this case it is an **EVAC Cloud model**.

- **Device Version:**

The **number of software version** that is running on the device.

- **Serial Number:**

Equipment serial number. This value is a unique identifier, which will be necessary if you contact the **LDA Audio Tech technical support department**.

7.1.2. Main menu

Secondly, there is the main drop-down menu, which organizes the available screens into main groups and subgroups.

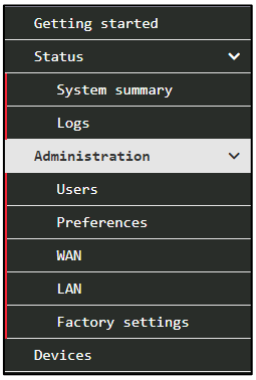


Illustration 28.
Drop-down side menu.

7.1.3. Logging Out

Thirdly, at the bottom of the side menu, there is the button to log out of the user session.

Illustration 29.
Logout button.

7.2. Top bar

The top bar displays, on its far right, information about the connection status with the **LDA Audio Tech** cloud, along with user session basic information and management.

Illustration 30. Top bar.

7.2.1. LDA Audio Tech Cloud Connection Status

This icon shows the **status of the device's connection to the LDA Audio Tech cloud**. If the **EVAC Cloud** device is successfully connected to the Internet through its **WAN** interface and has an active license that allows access to the remote monitoring services, the icon will appear green indicating that the connection is active. Otherwise, the icon will appear red.

Illustration 31. Active connection to the LDA Audio Tech cloud.

Illustration 32. Non-active connection to the LDA Audio Tech cloud.

7.2.2. User Panel

To the right of the cloud connection status indicator, there is an icon that, when clicked, displays a small panel that offers information and basic functions about the logged-in user's account:

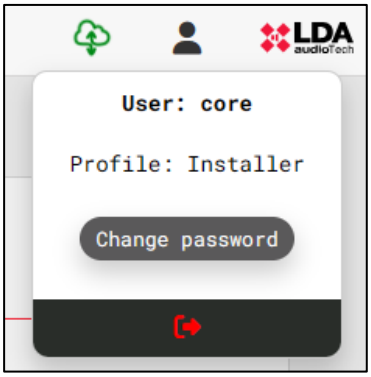


Illustration 33.
User information drop-down menu.

a. User

Displays the name of the signed-in user.

b. Profile

Displays the profile for the user.

c. Change password

Allows the user to change his current password to a new one:

Illustration 34.
Login user password change panel.

Only local users can change their password to access the device's local website. Users who connect to the web via the **LDA Audio Tech cloud** using remote management applications cannot change their credentials on the local web as these are managed through the **LDA Audio Tech cloud**.

d. Logging Out

End the current session in the **EVAC Cloud** web application, returning to the authentication page.

Illustration 35.
Logging Out.

7.3. Content

7.3.1. Getting started

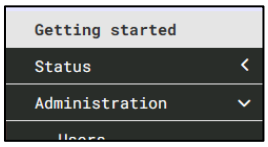


Illustration 36. Getting started menu.

This section of the website will be displayed by default after accessing the user's correct authentication and offers shortcuts organized according to the groups of content available.

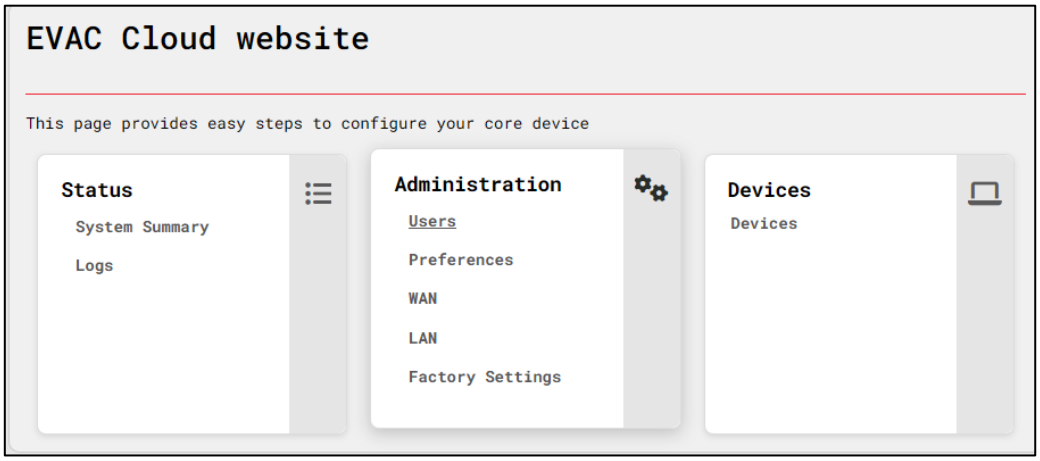


Illustration 37. Getting Started page.

To access a specific screen, simply hover over the name of the desired content and click on it.

This structure makes it easy to navigate and access the various functionalities and configurations of **EVAC Cloud** intuitively and efficiently.

7.3.2. Status

The entries in this section contain the basic information of the device and grant access to its activity log.

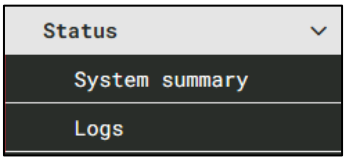


Illustration 38. Status menu.

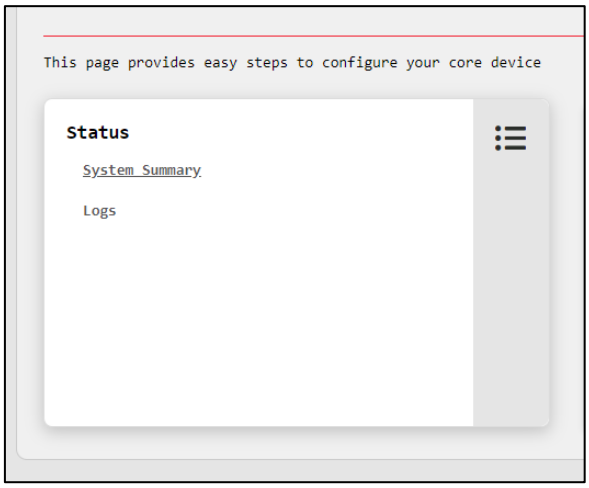


Illustration 39. Shortcut selection.

a. System summary

This page shows a summary of the data from the **EVAC Cloud** equipment along with the information from it stored in the **LDA Audio Tech cloud**. The information is divided into **Cloud** and **System** groups and is detailed next.

a.1. Cloud

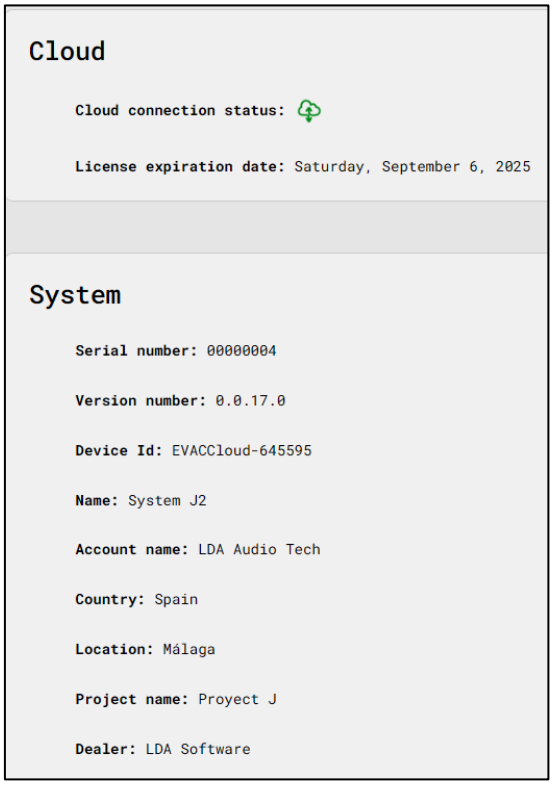


Illustration 40. System summary.

Cloud connection state: Shows whether or not the device is connected to the **LDA Audio Tech cloud**. This information corresponds to the status indicator in the top bar: green when there is an active connection to the cloud and red when there is not.

License expiration date: Indicates the date on which the contracted services will expire, providing the user with a clear reference on the validity of their license and the possible need for its renewal.

a.2. System

Serial number: Serial number of the **EVAC Cloud device**.

Version number: The current version of the device software.

Device Id: Device identifier.

Name: Displays the name assigned to the device.

Account name: Name of the account or company to which the device belongs.

Country: Country where the device is located.

Location: Most specific physical location of the device

Project name: The name of the project to which the device is assigned.

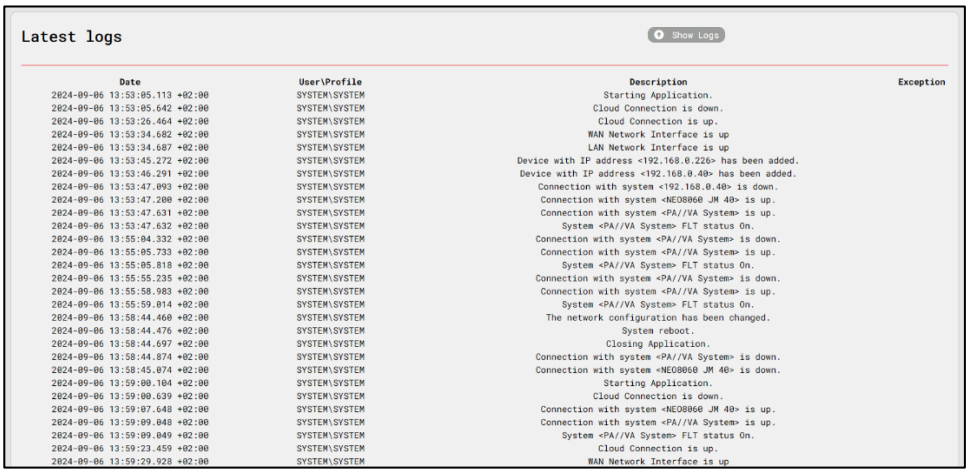
Dealer: Authorized dealer of the device.

b. Logs

On this page, you can request the download of the log containing the system activity log. By default, the activity log will not be displayed automatically but must be requested manually by clicking on the "**Show Logs**" button.

Illustration 41. Logs.

After pressing this button, the log will be downloaded to the content panel, providing detailed information about the activities and events recorded by the **EVAC Cloud device**.



Latest logs

Show Logs

Date	User\Profile	Description	Exception
2024-09-06 13:53:05.113 +02:00	SYSTEM\SYSTEM	Starting Application.	
2024-09-06 13:53:05.642 +02:00	SYSTEM\SYSTEM	Cloud Connection is down.	
2024-09-06 13:53:26.464 +02:00	SYSTEM\SYSTEM	Cloud Connection is up.	
2024-09-06 13:53:34.682 +02:00	SYSTEM\SYSTEM	WAN Network Interface is up	
2024-09-06 13:53:34.687 +02:00	SYSTEM\SYSTEM	LAN Network Interface is up	
2024-09-06 13:53:45.272 +02:00	SYSTEM\SYSTEM	Device with IP address <192.168.0.226> has been added.	
2024-09-06 13:53:46.291 +02:00	SYSTEM\SYSTEM	Device with IP address <192.168.0.40> has been added.	
2024-09-06 13:53:47.093 +02:00	SYSTEM\SYSTEM	Connection with system <192.168.0.40> is down.	
2024-09-06 13:53:47.200 +02:00	SYSTEM\SYSTEM	Connection with system <NEO8060 JM 40> is up.	
2024-09-06 13:53:47.631 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is up.	
2024-09-06 13:53:47.632 +02:00	SYSTEM\SYSTEM	System <PA//VA System> FLT status On.	
2024-09-06 13:55:04.332 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is down.	
2024-09-06 13:55:05.733 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is up.	
2024-09-06 13:55:05.818 +02:00	SYSTEM\SYSTEM	System <PA//VA System> FLT status On.	
2024-09-06 13:55:55.235 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is down.	
2024-09-06 13:55:58.983 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is up.	
2024-09-06 13:55:59.014 +02:00	SYSTEM\SYSTEM	System <PA//VA System> FLT status On.	
2024-09-06 13:58:44.460 +02:00	SYSTEM\SYSTEM	The network configuration has been changed.	
2024-09-06 13:58:44.476 +02:00	SYSTEM\SYSTEM	System reboot.	
2024-09-06 13:58:44.697 +02:00	SYSTEM\SYSTEM	Closing Application.	
2024-09-06 13:58:44.874 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is down.	
2024-09-06 13:58:45.074 +02:00	SYSTEM\SYSTEM	Connection with system <NEO8060 JM 40> is down.	
2024-09-06 13:59:00.104 +02:00	SYSTEM\SYSTEM	Starting Application.	
2024-09-06 13:59:00.639 +02:00	SYSTEM\SYSTEM	Cloud Connection is down.	
2024-09-06 13:59:07.648 +02:00	SYSTEM\SYSTEM	Connection with system <NEO8060 JM 40> is up.	
2024-09-06 13:59:09.048 +02:00	SYSTEM\SYSTEM	Connection with system <PA//VA System> is up.	
2024-09-06 13:59:09.049 +02:00	SYSTEM\SYSTEM	System <PA//VA System> FLT status On.	
2024-09-06 13:59:23.459 +02:00	SYSTEM\SYSTEM	Cloud Connection is up.	
2024-09-06 13:59:29.928 +02:00	SYSTEM\SYSTEM	WAN Network Interface is up	

Illustration 42. Downloaded log.

The columns display the following information.

- **Date:** The UTC date and time when the log entry was logged.
- **User\Profile:** User and profile whose activity has produced the log entry. For system-specific actions, the string "**SYSTEM\SYSTEM**" will appear in this field.
- **Description:** Descriptive text of the recorded action or event.
- **Exception:** If the entry logs an error, this column will display extended information about the error.

7.3.3. Administration

The administration submenu gives access to the configuration of different functional sections of the **EVAC Cloud system**.

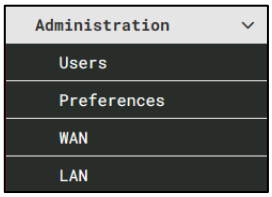


Illustration 43. Administration submenu.

a. Users

This section presents a table that lists existing local users. Local users are those who only can access the device's local website through its **LAN** interface. All local users shown here have an **installer** profile.

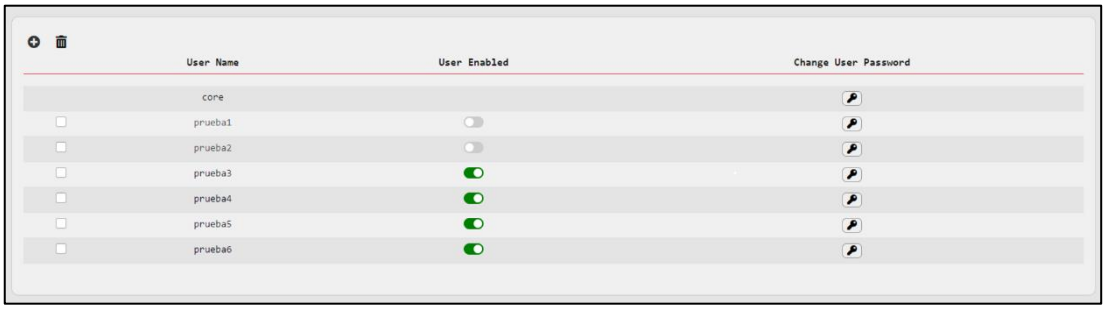


Illustration 44. List of users.

The columns in the table display the following information:

- **User Name:** Unique identification of the user in the system.
- **User Enabled:** Indicates whether or not a user has access to the device's local website enabled.

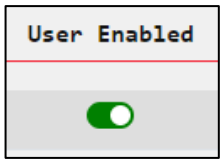


Illustration 45. Enabled User.

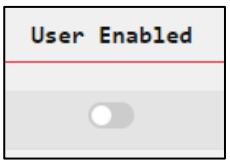


Illustration 46. Disabled User.

- **Change User Password:** This column shows a button that when clicked allows you to change the user's password. This procedure will be described in detail later.

On the upper left corner of the table are the buttons to **add** and **remove** users. Both actions will be described in detail later.

a.1. Add a new user

By pressing the first of the buttons mentioned before, a new user can be added to the system to access the local website. To add a new user, you will have to enter a **name** and **password**. This will have to be entered a second time to ensure that it is the desired value.

All added users will have **Installer** profile.

For the password to be accepted by the system, it must meet some minimum requirements:

- The minimum length must be **14 characters**.
- It must contain at least one of the following character types:
- A **number**, a **lowercase letter**, an **uppercase letter**, and a **symbol** or **special character**.

Illustration 47. Window to add a new user.

If any of the fields are left blank or contain an invalid value, a related error message will be displayed:

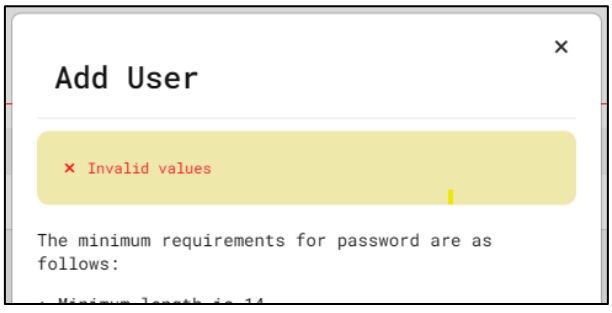


Illustration 48. New User: Invalid Value.

a.2. Remove an existing user

Users can be removed from the list using a multi-selection process. This procedure requires that the users to be removed must be selected by checking the boxes on the left side of each row.

The current user cannot delete himself, which is why the checkbox is not displayed in his row in the table.

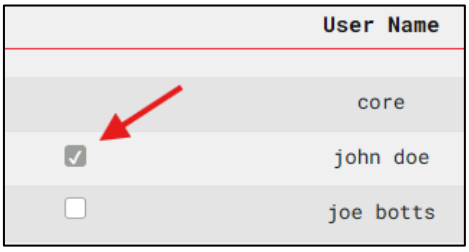


Illustration 49. User selection.

Once you have selected the users you want to delete, you must click on the button to the right of the button to add new users. This multi-select and delete method facilitates efficient user management in **EVAC Cloud**, allowing multiple changes to be made quickly and accurately as needed.

Before deleting the selected users, you will be prompted to confirm this action using a dialog box.

Illustration 50. Confirmation to delete user.

a.3. Enabling or Disabling Users

By clicking on a user's switch in the column **"User Enabled"**, you can change their enablement status.

A user cannot disable himself, so their row in the user table won't show the enable switch.

Each time this switch is clicked to enable or disable a user, a dialog box will be displayed requesting confirmation of the action.

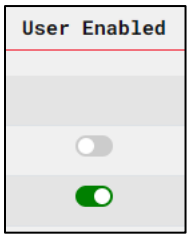


Illustration 51. User Enabled.

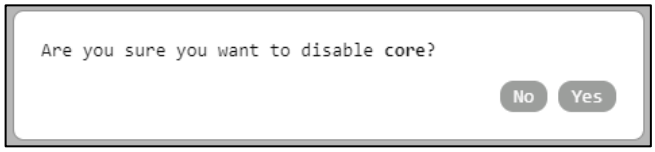


Illustration 52. Confirmation to disable user.

Disabled user accounts will not be able to access the **EVAC Cloud** local web until they are enabled by another user.

a.4. Changing user passwords

By clicking on the key icon to the right of a user's row, a dialog box will appear through which the current password of that user can be changed.

In the case of the user currently logged in, the old password will also be requested.

Illustration 53. Password Change Button.

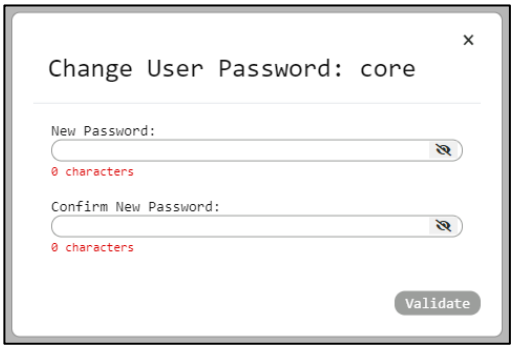


Illustration 54. Dialog box for changing a user's password.

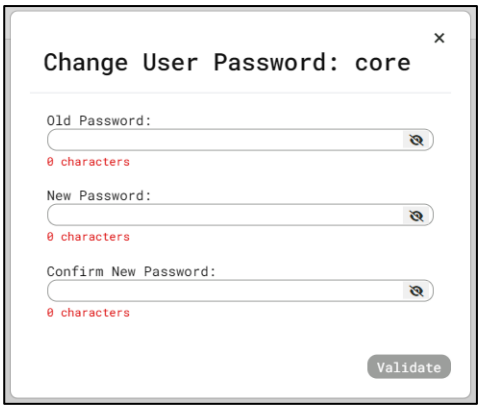


Illustration 55. Dialog box for changing current user's password.

b. Preferences

In this section you can set the time zone in which the device is located.

Illustration 56. Preferences window.

The time zone is presented as a drop-down menu that allows you to select from the different options available.

To apply the new selected time zone setting, the "**Apply Changes**" button must be clicked. This button is located at the bottom right of the preference container.

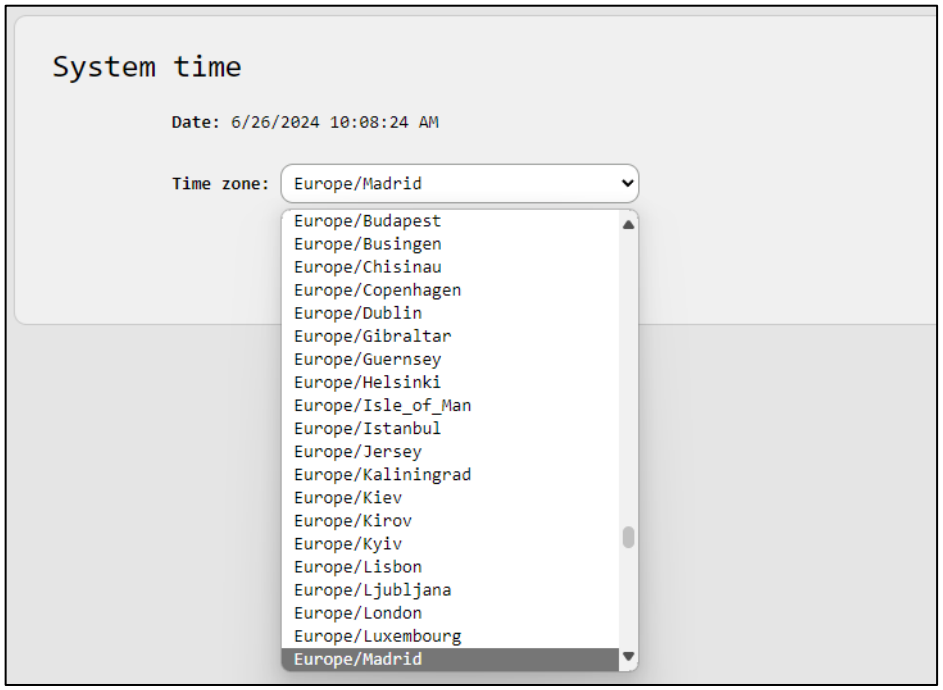


Illustration 57. Time zone selection.

c. WAN

In this section, you can change the parameters of the ethernet interface **WAN** of the device. The port **WAN** is intended to provide Internet access to the device so that it can connect to the **LDA Audio Tech cloud**.

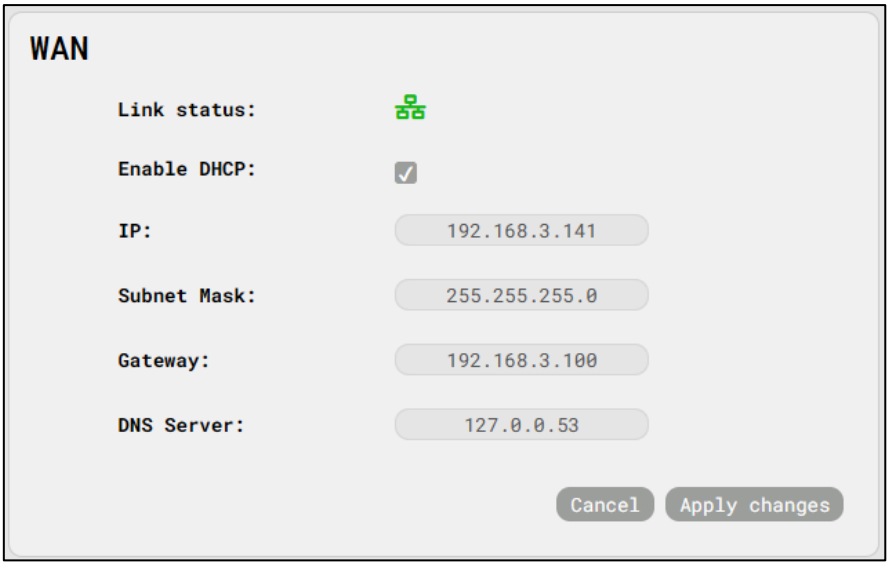


Illustration 58. WAN Interface Configuration.

- **Link status:** It is an indicator of port status, if the icon is green, it means that there is a physical connection between the computer and the network infrastructure that gives access to the Internet. Conversely, the icon will be red in case there is no physical connection.
- **Enable DHCP:** Enables/disables the **DHCP** (Dynamic Host Configuration Protocol) connection protocol. **DHCP** allows for "self-negotiation" of the network configuration. By default, it is enabled. To be able to manually configure the rest of the network parameters, you will have to disable this one.
- **IP:** It is the IP address that the network interface has, it is only allowed to configure the IP address in version 4 (IPv4) of the protocol.
- **Subnet Mask:** It is the network mask of the network interface.
- **Gateway:** This is the gateway's IP address, which acts as a gateway between the appliances or devices in the network infrastructure to which the **WAN** port connects.
- **DNS Server:** This is the address of the desired DNS server for the internet connection.

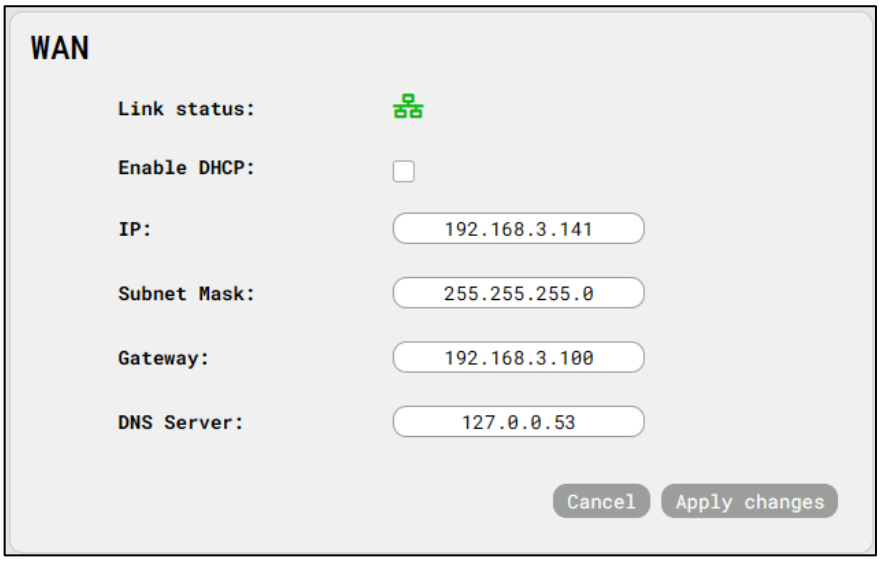


Illustration 59. DHCP WAN is disabled.

Clicking on the **"Cancel"** button will restore the current value of each parameter that has been modified, undoing any unapplied changes.

To apply any changes to the **WAN**'s interface settings, you will need to click on the **"Apply changes"** button. The device will automatically restart to apply the new network parameters.

d. LAN

Here you can configure the parameters of the **LAN** ethernet port. This port is intended for communications between the **EVAC Cloud** device and systems connected to the local network, whether for monitoring or remote access.

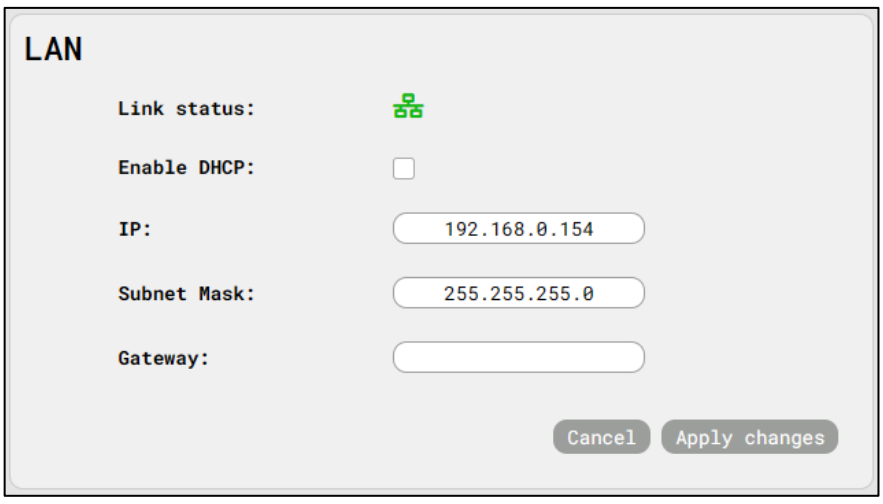


Illustration 60. Configuring the LAN Interface.

- **Link status:** It is an indicator of port status, if the icon is green, it means that there is a physical connection between the computer and the local network infrastructure. Conversely, the icon will be red in case there is no physical connection.

- **Enable DHCP:** Enables/disables the **DHCP** (Dynamic Host Configuration Protocol) connection protocol. **DHCP** protocol allows for "self-negotiation" of the network configuration. By default, it is disabled. To be able to configure the rest of the parameters, you will have to disable this one.

- **IP:** It is the IP address that the network interface has, it is only allowed to configure the IP address in version 4 (IPv4) of the protocol. The default value is **192.168.0.254** for **EVAC Cloud** devices.

- **Subnet Mask:** It is the network mask of the network interface. The default value is **255.255.255.0**

- **Gateway:** This is the gateway address, which acts as a gateway between the appliances or devices in the network infrastructure to which the port connects. This field is empty by default.

Clicking on the **"Cancel"** button will restore the current value of each parameter that has been modified, undoing any unapplied changes.

To apply any changes to the **LAN**'s interface settings, you will need to press the **"Apply changes"** button. The device will automatically restart to apply the new network parameters.

e. Factory settings

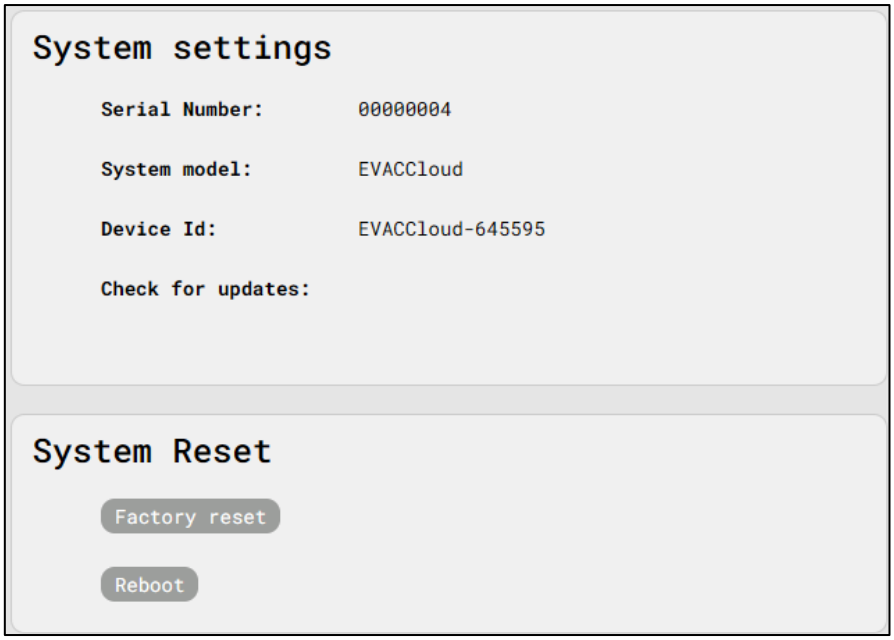


Illustration 61. Factory settings.

In the **"Factory Settings"** section, there are two groups of parameters and functions.

e.1. System settings

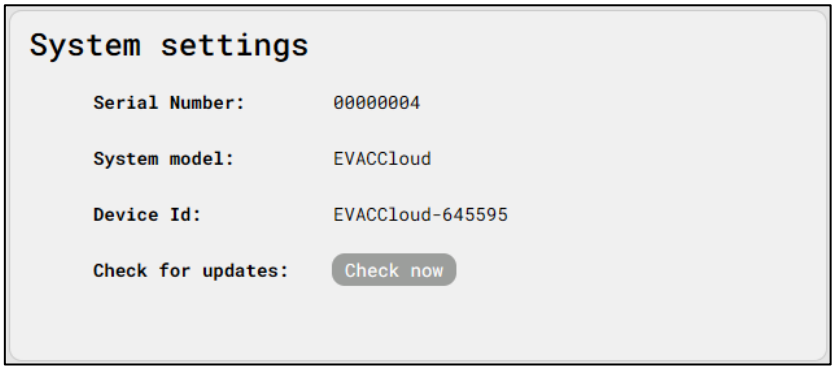


Illustration 62. System settings.

- **Serial number:** Displays the unique serial number of the **EVAC Cloud device**.
- **Model:** Displays the model of the device.
- **Device Id:** This is the identifier of the device.

e.1.1. Device Update

In the section **“System settings”**, within the submenu **“Administration”**, the button labeled with the text is located **“Check now”**. By pressing this button, if the internet connection is available through the **WAN**, the device will check if there is a new version of the **EVAC Cloud** device internal software.

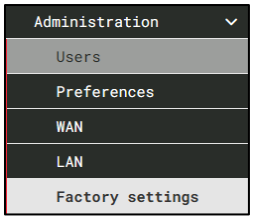


Illustration 63. Factory settings.

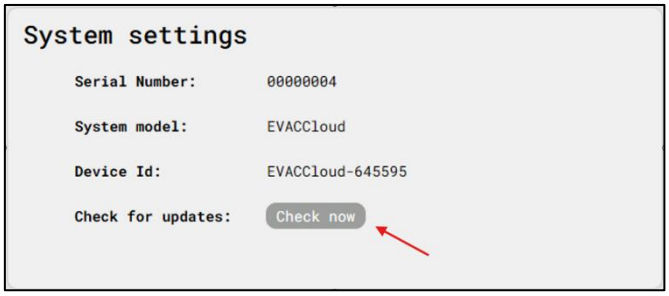


Illustration 64. Check for updates.

After pressing the **"Check now"** button, if when connecting to the **LDA Audio Tech cloud** the device verifies that it is already updated to the latest version of the software, the following message will be displayed:

“The system is up to date with the latest version.”

On the other hand, if it is verified that a new version of the software is available, the text of the **"Check now"** button will change to **"Upgrade"** and a message will appear indicating the number of the software:

“A new version is available …”

In the latter case, you will have to press the **"Upgrade"** button to download the new version. When the download is complete, the device will automatically restart for the new version of the internal software to be installed.

IMPORTANT: It is recommended not to power off or interrupt the power supply to the EVAC Cloud device during the update process, as it may cause system damage and render it inoperative.

During this process, the browser will lose connection with the device, so it will be necessary to close the window or tab where the local website is loaded and reload it in a new window or tab to check that the update has been carried out successfully and all the system parameters are still correct.

e.2. System Reboot and Reset

Illustration 65. System reset.

- **Factory reset**: Action that will reset the **EVAC Cloud** device to its factory default settings, removing all custom settings, such as local users, monitored devices, or configured remote access points. **WAN** and **LAN** configuration will also be restored to factory default and the system activity log will also be deleted.

- **Reboot**: Performs a reboot of the device while maintaining its current settings.

Before performing either of these two actions, confirmation will be requested using a dialog box.

7.3.5. Devices

This module makes it easy to monitor the overall health of system controllers **EN54-16**. It also allows direct bridge connections to be made through the **LDA Audio Tech cloud**, both with equipment that belongs to a system **EN54-16**, as with generic devices that are on the same **LAN** network of the **EVAC Cloud** device.

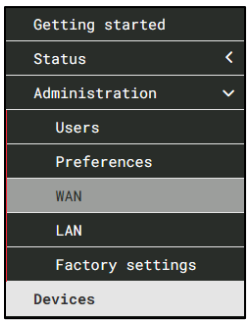


Illustration 66. Devices Menu.

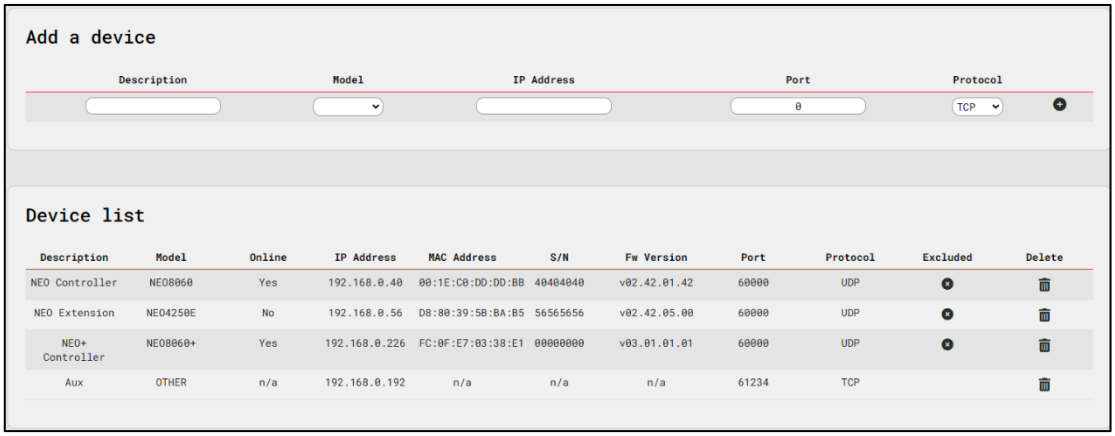


Illustration 67. Devices.

The module periodically searches for **EN54-16** system controllers and extensions present in the **EVAC Cloud LAN network** at **30-second** time intervals. System controllers are added to the **EVAC Cloud** monitoring mechanism that will notify via the **LDA Audio Tech cloud** of any changes in the general operating conditions of the **EN54-16** system; system failure (**FLT**), active emergency (**EMG**), disarmament (**DIS)** or **connection** status with the system controller equipment on the **LAN** network.

a. Add Device

It allows you to manually add **EN54-16 devices** or generic devices that are not automatically detected in the **EVAC Cloud LAN** network, thus enabling its monitoring or direct connection through the **LDA Audio Tech cloud**. In case the added device is a controller of an **EN54-16** system, its operating conditions will also be monitored.

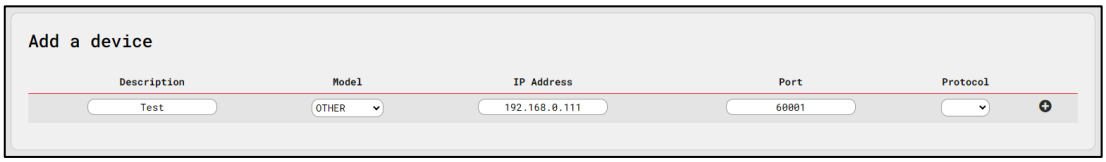


Illustration 68. Add a device.

- **Description**: Adds a description to the added equipment, in order to better organize/categorize the list with all the added equipment.
- **Model:** Drop-down to select the team model to be added. The available options are:

  NEO8060 **NEO8060+** **OTHER**

  The **"OTHER"** value will be used to enable remote connection with devices not included in the rest of the available options or with any other access point or application that serves connections within the **EVAC Cloud LAN** network using a defined IP address, port number, and protocol (web server, remote desktop, etc.).

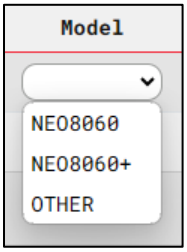


Illustration 69. Model selection.

- **IP Address:** IP address (IPv4) of the device.
- **Port:** Number of the connection port. Valid values are between 1 and 65535. In case of selecting the **NEO8060** and **NEO8060+** models**,** this value will always be **60000**.
- **Protocol**: It is the communications protocol that is going to be used. Available values are:

  TCP **UDP**

  HTTP **HTTPS**

  If you select the models **NEO8060** and **NEO8060+** the protocol will always be **UDP**.

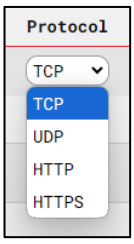


Illustration 70. Protocol Selection.

- **Add button:** Add the equipment or access point to the **"Device list"** section, so that its monitoring can be started, when it is an **EN-54 16** system controller, and allow remote connection through the **LDA Audio Tech cloud**.

  In order for it to be added successfully, the **Model**, **IP Address**, **Port** and **Protocol** fields must be correctly filled.

You cannot add a device if there is already another one with identical values in the **IP Address**, **Port** and **Protocol fields**.

b. Device List

This section shows all the devices that have been automatically found in the **EVAC Cloud LAN** network, as well as all those devices or access points added manually.

- **Description:** Descriptive text entered when a computer or access point has been manually added from the **"Add a device"** section. In the case of devices detected in the **LAN network**, a generic description will be displayed.
- **Model:** This is the model of the device detected or added manually.
- **Online:** Indicates whether the device is currently being detected on the **EVAC Cloud LAN**.
- **IP Address:** IP address (IPv4) of the device found or added manually.
- **MAC Address:** MAC address of found devices. This field will only be populated if the computer is physically present on the **EVAC Cloud LAN**.
- **S/N:** Serial number of found devices. This field will only be populated if the computer is physically present on the **EVAC Cloud LAN**.
- **Fw Version:** Firmware version number of found devices. This field will only be populated if the computer is physically present on the **EVAC Cloud LAN**.
- **Port:** The number of the communication port of the device found or added manually.
- **Excluded:** A physical device can be included or excluded from the monitoring of its status conditions towards the **LDA Audio Tech cloud** and from the possibility of establishing remote connections to it. Depending on the action available for a particular device, the action button will look different:

  Exclude

  Include

  When a computer or access point is excluded, it will be grayed out.

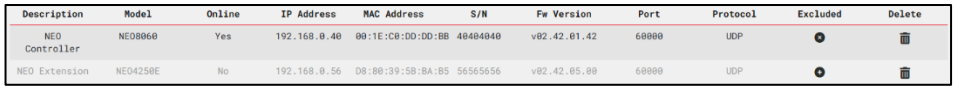


Illustration 71. Excluded devices.

To re-include an access point or device in remote access and monitoring, the button must be pressed again.

Only those devices automatically detected in the **LAN** network can be excluded. So, this option is not available for manually added devices or access points.

- **Delete:** This button allows you to remove the corresponding computer from the list. If a deleted device is detected again on the **EVAC Cloud LAN** local network, it will be automatically added back to the list.

The recommended use of this feature is to remove from the list those devices that have been physically disconnected from the local **LAN** network and are certain that they will not be reconnected to it again.

If you want a device to continue to appear in the list, but you do not require monitoring or making remote connections to it, the indicated action is to exclude it.