

EVAC[☁] Cloud

User Manual

EVAC CLOUD PLATFORM

evaccloud.com

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1 INTRODUCTION

EVAC Cloud is a web platform designed for the management and supervision of public address (PA) and voice alarm (VA) systems. It allows remote access to associated devices, facilitating real-time monitoring and configuration of systems from any location.

The platform provides a centralized environment from which multiple facilities can be managed, optimizing monitoring and maintenance tasks. Its design allows quick and secure access to the relevant information for each system, improving operational efficiency and reducing the need for on-site intervention.

EVAC Cloud integrates features aimed at user management, device organization and access control, allowing the use of the platform to be adapted to different profiles within the same operational structure. In addition, it offers notification mechanisms that report changes in the status of the systems, ensuring continuous monitoring without the need for manual monitoring.

The platform is designed to work with certified systems, ensuring reliable operation aligned with the safety and supervision requirements required in this type of installation.

1.1 Access to the platform

Access to EVAC Cloud is via a standard web browser, at address www.evaccloud.com.

1.2 Login

To log in to the platform, the login credentials previously provided by the distributor must be entered in the corresponding fields on the login screen.

These credentials authenticate the user and determine the level of access within the application based on the assigned profile.

If the password is not remembered, the recovery option is available from the login screen. When using this option, the system will send an email with the necessary instructions to reset the password securely.

In no user account is available, please contact your distributor or LDA Audio Tech technical support via email at support@lda-audiotech.com.

2 USER PROFILES AND ACCESS

EVAC Cloud allows the management of access to the platform through different user profiles. Each profile defines the available permissions and scope over the elements of the system.

The same user can have one or more associated profiles, allowing adaptation to different contexts of use within the same organizational structure. The platform automatically adapts the visible information and available actions based on the active profile.

2.1 Profiles

Profiles determine access to platform features, including account, user, group and devices management, as well as configuration options.

The level of access depends on the assigned profile and the associated account. Visibility of data and options is limited to the permissions defined for each profile.

Superadmin

Has full access to all platform features.

Provides global management of accounts, users, groups, and devices without scope restrictions. Has full visibility over all system elements, regardless of account or organizational level.

Administrator

Responsible for the operational and administrative management of a single account.

Allows management of users, groups, and devices within the assigned scope.

Installer

User responsible for the installation, initial configuration and commissioning of devices or modules within the application.

Access to system monitoring and configuration.

Operator

Profile oriented to the daily use of the system. Monitors processes, executes assigned tasks and controls normal operation.

Access to system monitoring.

Reporter

User focused on consulting the status of normal operation. Analyzes and reports information, with read-only permissions.

Access to system monitoring.

Functionality	Superadmin	Administrator	Installer	Operator	Reporter
Account Management	Yes	No	No	No	No
User Management	Yes	Limited by account	No	No	No
Device Management	Yes	Limited by account	No	No	No
Group Management	Yes	Limited by account	No	No	No
Monitoring	Yes	Limited by account	Limited by group	Limited by group	Limited by group
EVAC Settings access	Yes	Limited by account	Limited by group	No	No
EVAC Control access	Yes	Limited by account	Limited by group	Limited by group	Limited by group

Table 1: User permissions

2.2 Multi-account and multi-profile

EVAC Cloud allows multiple profiles to be associated with the same user.

The profile is changed using a selector in the interface, without the need to log out.

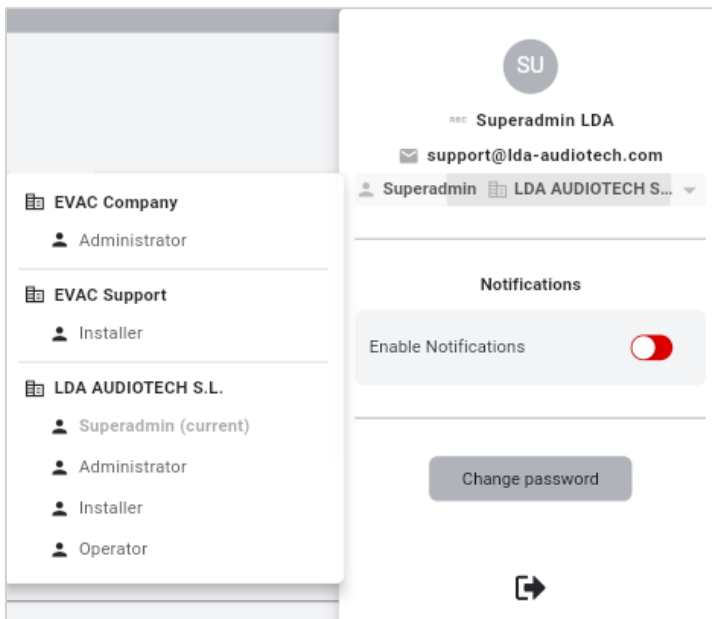


Figure 1: Multi-account and multi-profile user

When the profile is changed, the platform updates the visible information and available features based on the selected profile.

Each profile maintains its own scope of access, ensuring that the user can only access the data and actions allowed in each context.

3 INTERFACE

The EVAC Cloud interface is organized into three main areas: side navigation panel, top navigation bar, and content area. This structure allows access to the different platform features and displays the information in a clear and orderly way.

Each of these areas maintains a fixed layout within the application, while the content is dynamically updated based on the selected section.

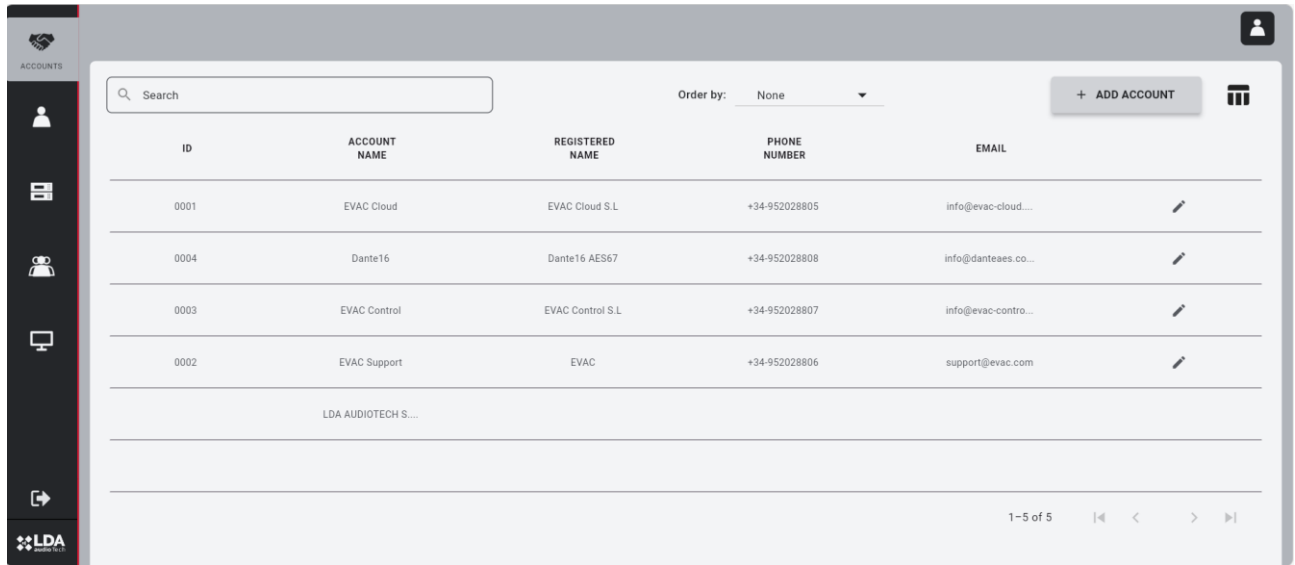


Figure 2: Platform interface

3.1 Side navigation panel

It allows access to the different sections of the platform.

Each navigation option points to a specific module, such as Accounts, Users, Groups, EVAC Devices, or System Monitor. The availability of these options depends on the active user profile, so some sections may not be displayed or accessible.

3.2 Top navigation bar

The top navigation bar is located at the top of the interface and allows access to general options of the platform.

This bar manages aspects related to the user's session, such as accessing profile information, managing notifications, changing passwords, and changing profiles in environments with multiple accounts or associated profiles.

Selecting the user icon displays a panel with the active user's information. From this same panel, the following actions can be performed:

- **Notifications:** allows enabling or disabling the sending of email notifications. This option corresponds to the "Notifications" parameter defined in section 4.2 Users, where its behavior and configuration are defined.
- **Change password:** allows the user password to be modified
- **Logout:** closes the platform session

In environments with multiple accounts or profiles, the user can switch context using a selector. This selector shows the available accounts and the profiles associated with each account. When an option is selected, the platform automatically updates the visible information and available features based on the new context.

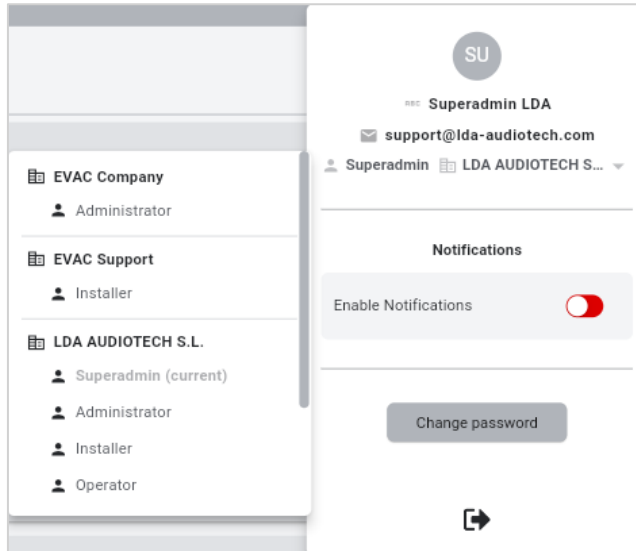


Figure 3: Profile selection

Its content is common to all sections of the platform and remains visible during navigation.

3.3 Content area

The content area occupies the central area of the interface and displays the information corresponding to the selected section.

In this area, the data and management elements of each module are presented. The information is organized in different formats depending on the module, such as tables or blocks, and includes the necessary tools for its management, such as search, sorting or actions on items.

The available actions depend on the user profile and the selected context, adapting to the permissions defined for each user.

4 PLATFORM MANAGEMENT

The Platform Management section groups the main modules accessible from the side navigation panel. These modules are used to organize accounts, users, groups and devices, as well as to monitor the status of the system.

Each module presents its own content in the central area of the interface, adapting the available options according to the user profile.

4.1 Accounts

The Accounts section allows the accounts registered on the platform to be viewed and managed. This view is only available to users with a **Superadmin profile**.

ID	ACCOUNT NAME	REGISTERED NAME	PHONE NUMBER	EMAIL
0001	EVAC Company	EVAC Company S.L	+34-952028805	info@evacompany.com
0003	EVAC Organization	EVAC Organization S.L	+34-952028807	info@evacorganization.com
0002	EVAC Support	EVAC	+34-952028806	support@evac.com
LDA AUDIOTECH S.L				

Figure 4: Accounts tab

The main content is presented in the form of a table, which shows the information for each account through the following columns:

- **ID:** unique account identifier
- **Account Name:** account name on the platform
- **Registered Name:** legal or registered name of the account
- **Phone Number:** contact number associated with the account
- **Email:** email address associated with the account

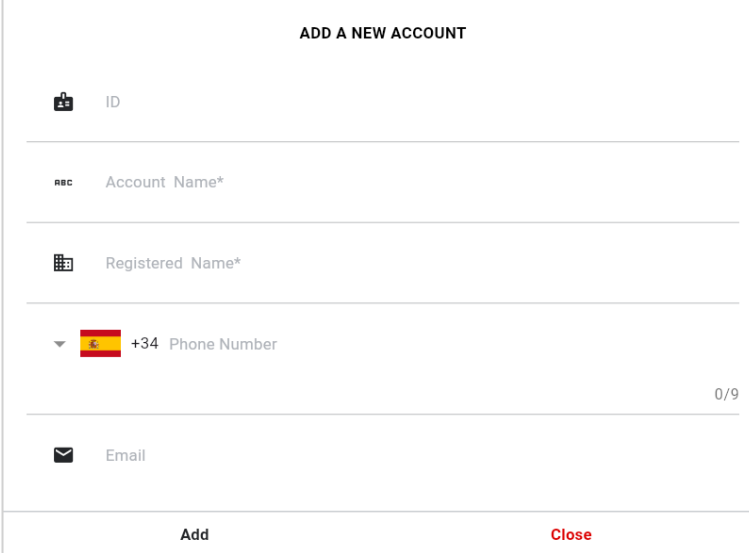
At the top of the table are the management tools:

- **Search:** filters the accounts shown
- **Order by:** sorts information by column
- **Add Account:** used to create a new account
- **Customize columns:** allows the visible columns in the table to be selected

4.1.1 Add Account

The creation of a new account is done via the **"Add Account" button**.

The creation form includes the same fields that appear in the main table. All fields are editable.



The screenshot shows a form titled "ADD A NEW ACCOUNT". It contains the following fields from top to bottom: "ID" with a plus icon; "Account Name*" with a key icon; "Registered Name*" with a calendar icon; "Phone Number" with a dropdown menu showing a Spanish flag and "+34", and a character count "0/9"; and "Email" with an envelope icon. At the bottom of the form, there are two buttons: "Add" and "Close".

Figure 5: Add new account

In the **"Phone Number"** field, the country can be selected from a drop-down list that includes the country name, flag and phone prefix. The length allowed for the number depends on the country selected.

After filling out the form, click **"Add"** to confirm the creation of the new account.

4.1.2 Edit Account

Editing an account is done from the edit icon associated with each row. When it is selected, a menu is displayed with the options:

- **Edit Account:** opens the edit form, where the data of the selected account can be modified.
- **Delete Account:** deletes the account. Before completing the deletion, confirmation is required.

4.2 Users

The Users section allows the users registered on the platform to be viewed and managed. This view is only available to users with **an Administrator profile or higher**.

ACCOUNT NAME	USER NAME	PHONE NUMBER	POSITION	EMAIL	PROFILE	ENABLED	NOTIFICATIONS	ASSIGNED GROUPS
EVAC Company	Operator	+34-952028805		operator@evaccompany.com	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1
EVAC Company	Installer 1	+34-952028805	South area	installer@evaccompany.com	Installer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
EVAC Company	Installer 2	+34-952028805	North area	installer2@evaccompany.com	Reporter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
EVAC Company	Reporter	+34-952028815		reporter@mail.com	Reporter	<input type="checkbox"/>	<input type="checkbox"/>	1

Figure 6: Users tab

The main content is presented in the form of a table, which shows the information for each user through the following columns:

- **Account Name:** name of the account to which the user belongs
- **User Name:** user identification name
- **Phone Number:** the user's contact number
- **Position:** position or function within the organization
- **Email:** associated email address
- **Profile:** profile assigned to the user
- **Enabled:** the user's access status to the platform. Disabling a user means that they will not be able to log in to the platform or associated EVAC services. This action is only allowed on users with a lower level of permissions. By default it is enabled.
- **Notifications:** status of sending email notifications. By default it is disabled.
- **Assigned Groups:** shows the number of groups the user belongs to. Allows the list of associated groups to be viewed. From this view, each group can be accessed directly. If this parameter does not appear, it means that the user does not belong to any group.

At the top of the table are the management tools:

- **Search:** filters the users shown
- **Order by:** sorts the information by column
- **Add User:** used to create a new user
- **Customize columns:** allows the columns visible in the table to be selected

4.2.1 Add User

The creation of a user is done using the "**Add User**" button.

The creation form includes the same fields that appear in the main table. All fields are editable.

Figure 7: Add new user

In the **"Phone Number"** field, the country can be selected from a drop-down list that includes name, flag and phone prefix. The length of the number depends on the country selected.

The **"Profile"** field allows you to assign the user's access level. Users can only be created with a lower profile than the user performing the action.

In the **"Assigned Groups"** field, a list of available groups is displayed. One or more groups can be selected using a list with checkboxes. Once the selection is confirmed, the user will be associated with the selected groups.

4.2.2 Edit User

Managing a user is done from the edit icon associated with each row. When accessing this option, a menu is displayed with the following actions:

- **Edit User:** allows the user data to be modified using an edit form. The available fields can be updated, keeping the **"Email"** field as informative and non-editable.
- **View User:** displays detailed user information in read-only mode. A summary of the main data is included, as well as access to the associated groups.
- **Delete User:** removes the user from the platform. Before completing the action, confirmation is required.

4.3 EVAC Devices

The EVAC Devices section allows the devices registered on the platform to be viewed and managed. This view is only available to users with an **Administrator profile or higher**.

ACCOUNT NAME	EVAC MODEL	EVAC NAME	PROJECT NAME	COUNTRY	LOCATION	SERIAL NUMBER	ASSIGNED GROUPS	ENABLED	CONNECTED
EVAC Company	EVAC Cloud	Demo Device 1	Demo Project 1	Spain	Málaga	24005114	1	Enabled	Disconnected
EVAC Company	EVAC Control	Demo Device 2	Demo Project 2	Spain	Madrid	26000515	1	Enabled	Disconnected
EVAC Company	EVAC Control	EVAC Control		Spain	Málaga	00000007	1	Enabled	Connected

Figure 8: EVAC Devices tab

Devices are automatically registered with the platform and cannot be created manually.

The main content is presented in the form of a table, which shows the information for each device using the following columns:

- **Account Name:** account to which the device belongs
- **EVAC Model:** model of the EVAC device. The available models are EVAC Cloud, EVAC Control and Dante16.
- **EVAC Name:** identifying name of the device
- **Project Name:** project to which the device is assigned
- **Country:** country where the device is located
- **Location:** more precise location where the system is located
- **Serial Number:** device serial number
- **Assigned Groups:** displays the number of groups the device belongs to. Allows the list of associated groups to be viewed. From this view, each group can be accessed directly. If this parameter is not displayed, the device does not belong to any group.
- **Enabled:** device enabling status. When a device is disabled, it becomes inoperable for any function, although it remains visible in the list. By default, it is enabled.
- **Connected:** connection status of the device with the platform through the cloud. **“Connected”** is shown in green and requires the device to have an internet connection; **“Disconnected”** is shown in red.

At the top of the table are the management tools:

- **Search:** filters the displayed devices
- **Order by:** sorts the information by column
- **Customize columns:** allows the visible columns in the table to be selected

4.3.1 Edit Device

Managing a device is done from the edit icon associated with each row. When accessing this option, a menu is displayed with the following actions:

- **Edit EVAC:** allows the device data to be modified using an edit form. The available fields can be updated, keeping the **"Serial Number"** field as informative and non-editable.

Figure 9: Edit EVAC device

- **View EVAC:** displays detailed device information in read-only mode. A summary of the main data is included, as well as access to the associated groups.

4.4 Groups

The Groups section allows groups within the platform to be viewed and managed. This view is only available to users with **an Administrator profile or higher**.

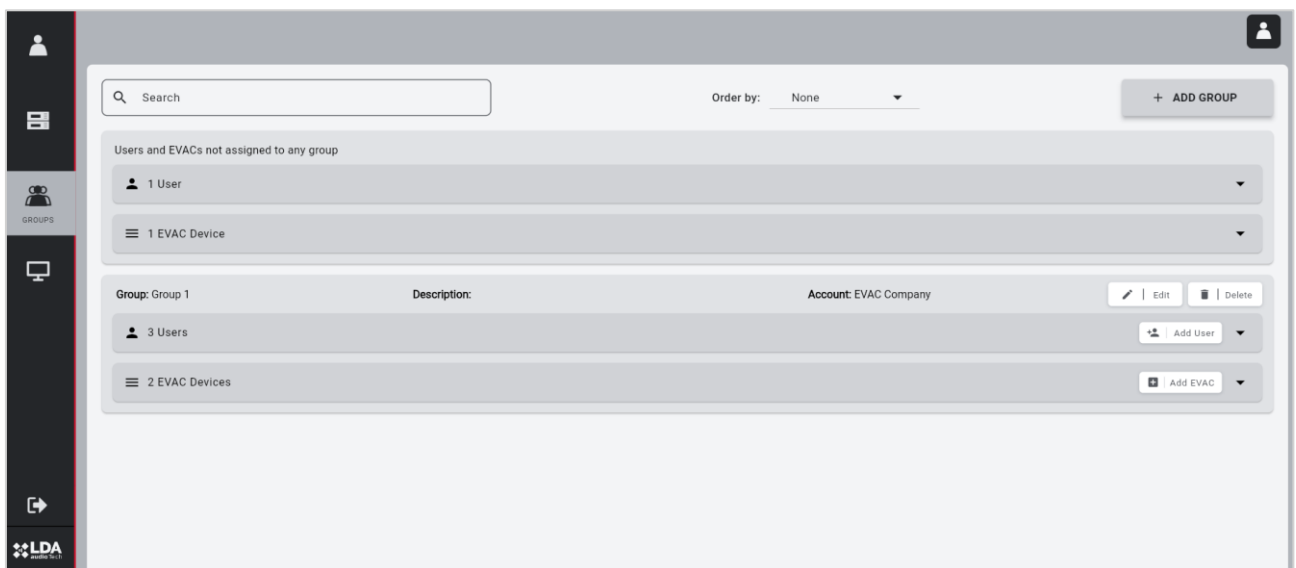


Figure 10: Groups tab

Groups are used to organize users and devices, making them easier to manage together.

The main content is presented in blocks. Each block represents a group and displays the associated information and elements.

At the top of the section are the management tools:

- **Search:** filters the groups shown
- **Order by:** sorts information by field
- **Add Group:** allows a new group to be created

Unassigned Items

At the top of the section is a block with the users and devices that are not assigned to any group:

- Users not assigned
- EVAC Devices not assigned

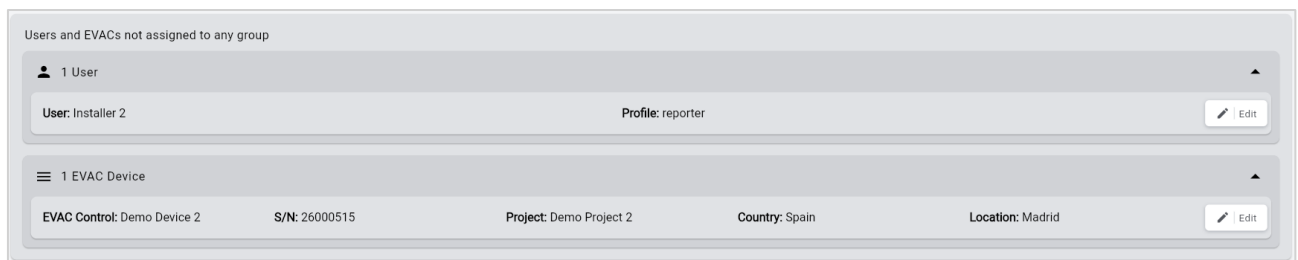


Figure 11: Items not assigned to a group

Group structure

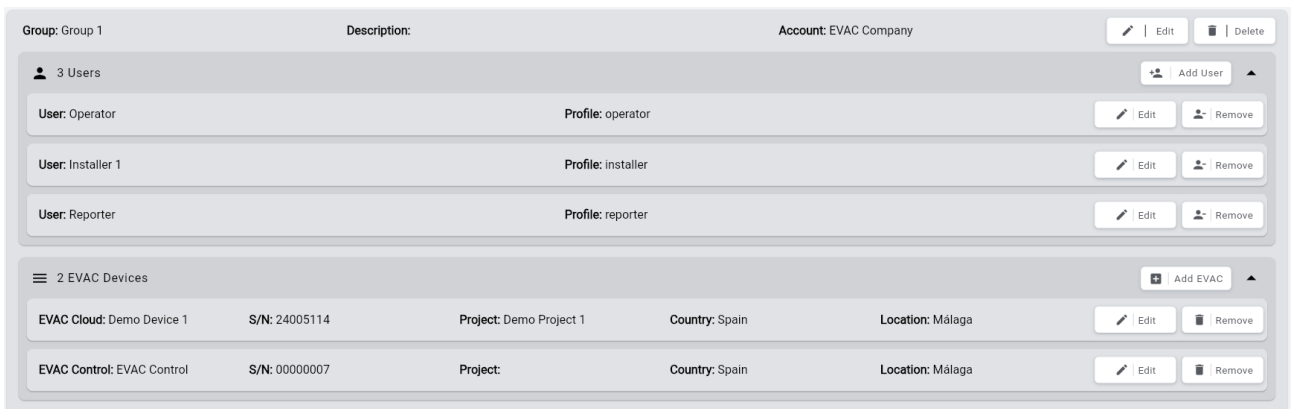


Figure 12: Structure of a group

Each group displays the following information:

- **Group:** group name
- **Description:** associated description
- **Account:** account to which the group belongs

Within each group, the associated elements are organized into two blocks:

- **Users:** users assigned to the group
- **EVAC Devices:** devices assigned to the group

4.4.1 Add Group

The creation of a group is done using the **"Add Group"** button. A window opens where the following fields must be entered:

- **Group Name**
- **Description:** description of the group

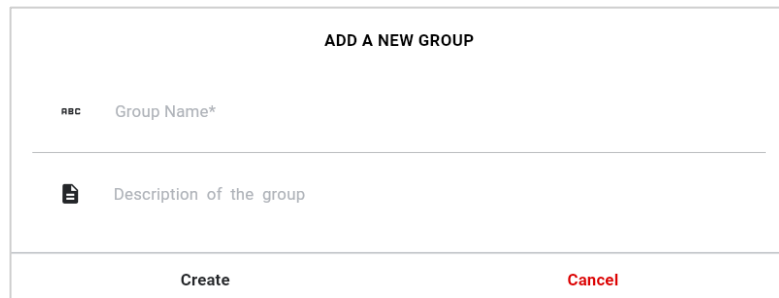


Figure 13: Add New Group

After completing the form, click **"Create"** to confirm the creation of the group.

4.4.2 Edit Group

The management of a group is carried out from the options available in its header:

- **Edit:** allows the name and description of the group to be modified
- **Remove:** deletes the group. Before completing the action, confirmation is required

4.4.3 Manage Group

Within each group, the associated elements can be managed:

- **Add User:** allows one or more users to be selected using a list with checkboxes. Once the selection is confirmed, users are associated with the group.
 - **Edit:** allows user information to be edited. See 4.2.2 Edit User
 - **Remove:** removes the user from the group
- **Add EVAC:** allows one or more devices to be selected using a list with checkboxes. Once the selection is confirmed, the devices are associated with the group.
 - **Edit:** allows device information to be edited. See 4.3.1 Edit Device
 - **Remove:** removes the device from the group

4.5 System Monitor

The System Monitor section provides a centralized monitoring panel that allows the overall status of the EVAC systems associated with the account to be viewed. This view is available to all users regardless of their profile.

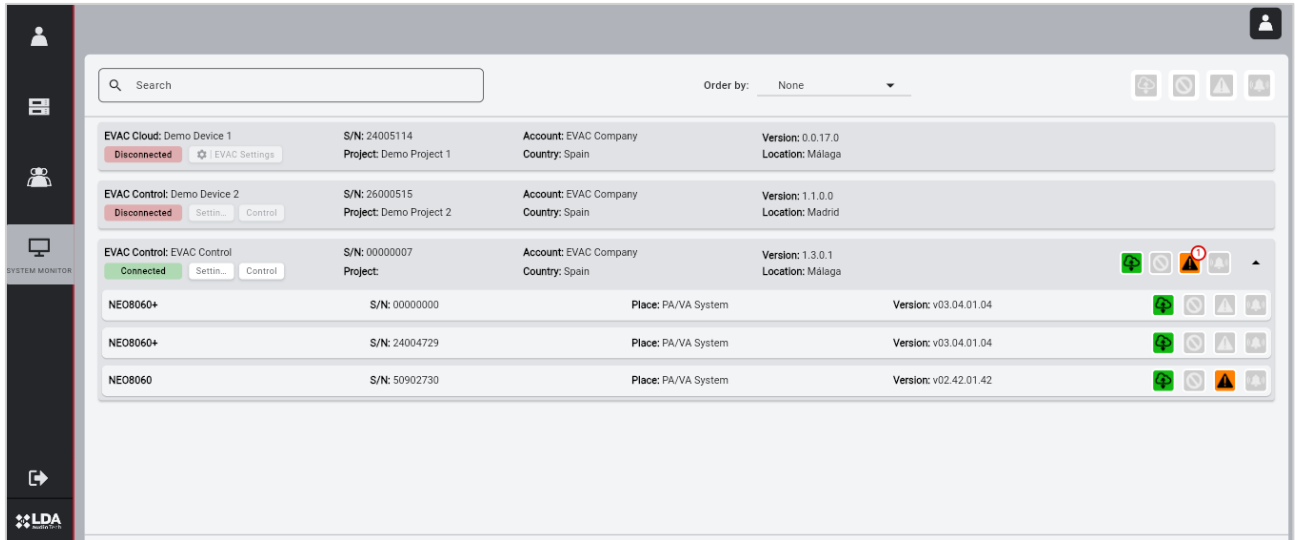


Figure 14: System Monitor tab

The main content is presented in the form of a list of EVAC devices. Each device displays the overall status of the system and allows the details of the associated EN-54 controllers to be displayed, providing a more specific view of the system. Each controller displays individual information, allowing more detailed diagnosis.

For each device, the complete system information is shown:

EVAC devices: the information shown is described in section 4.3 EVAC Devices

Controllers: displays relevant information from the monitored system controller. This information is provided by the device and cannot be edited from the platform.





- **Model:** system controller model
- **S/N:** system controller serial number
- **Place:** system controller location label
- **Version:** operating system version of the system controller

At the top of the screen are the management tools:

- **Search:** allows the displayed devices to be filtered
- **Order by:** sorts information by field
- **Status filters:** a set of icons that allows devices to be filtered according to their status (cloud connection, disarm, fault, and emergency). When a filter is selected, only devices that meet the specified condition are displayed

4.5.1 Status indicators

The status of the system is represented by visual indicators based on the states defined in the system:

-  **Cloud connection:** indicates whether the device has a cloud connection for correct monitoring and access through the platform.
-  **Disarm (DIS):** reports that the system has one or more disarmed zones. It is activated when one or more systems zones are disabled.
-  **Emergency (EMG):** indicates that the system is in an emergency state. It is activated when the system enters VA operation, either by manual activation, automatic activation from the fire control panel or activation from emergency inputs.
-  **Fault (FLT):** indicates that the system is in a fault state. It is activated when a fault is detected in any supervised system function.

4.5.2 CrossApp Navigation

Each device, depending on the model, has shortcuts to EVAC family applications for specific features:

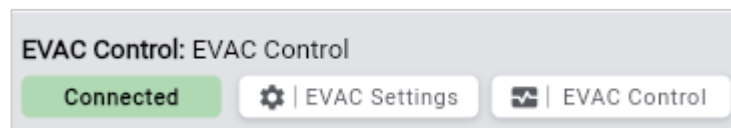


Figure 15: Navigation buttons

EVAC Settings

Direct access to the device configuration website. Authentication is performed automatically with the active session and is valid for a maximum of 24 hours. This feature is available only to users with an **Installer profile or higher**.

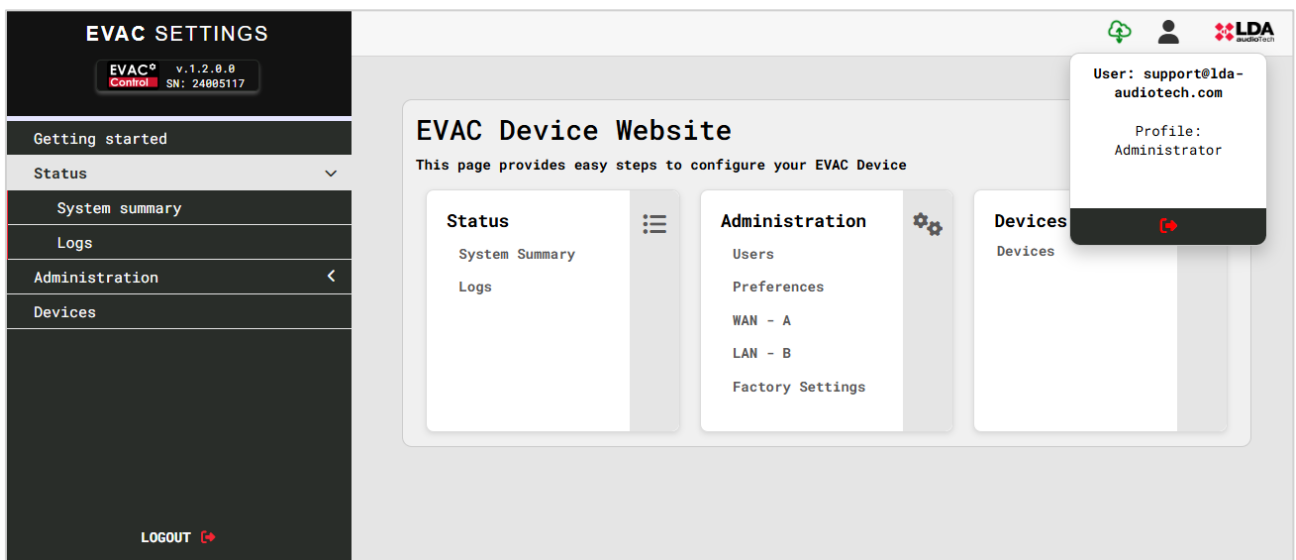


Figure 16: EVAC Settings

EVAC Control

Direct access to the EVAC Control web application. Available only on EVAC Control devices and accessible to all profiles.

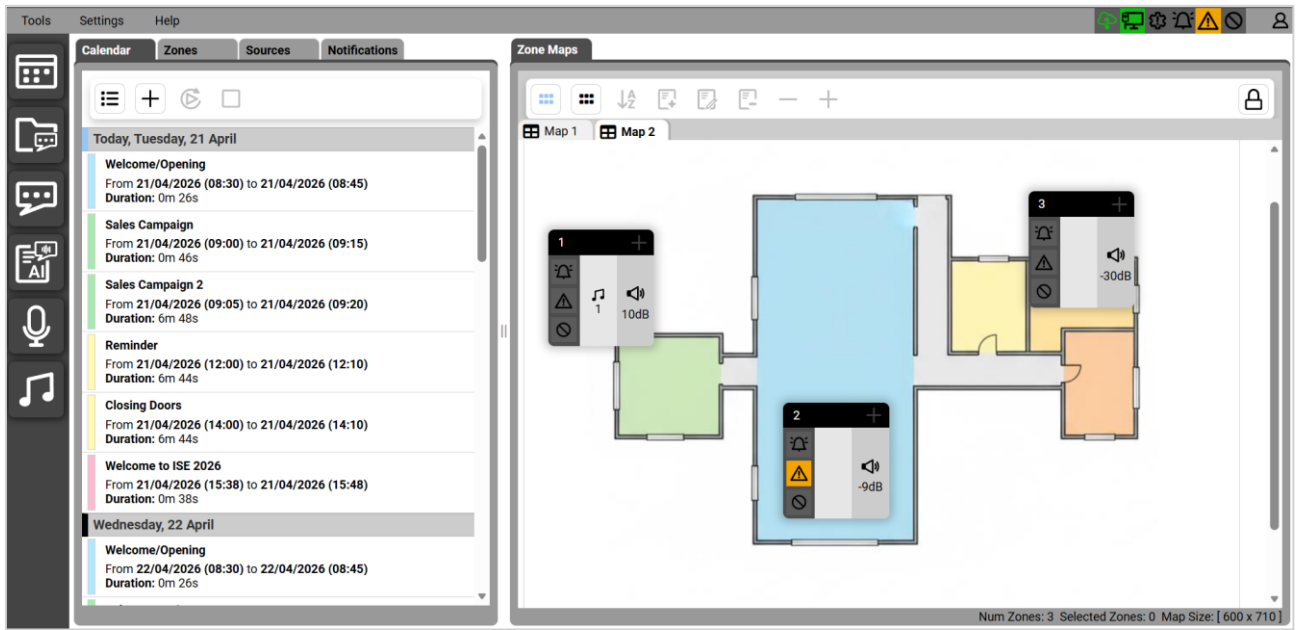


Figure 17: EVAC Control

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