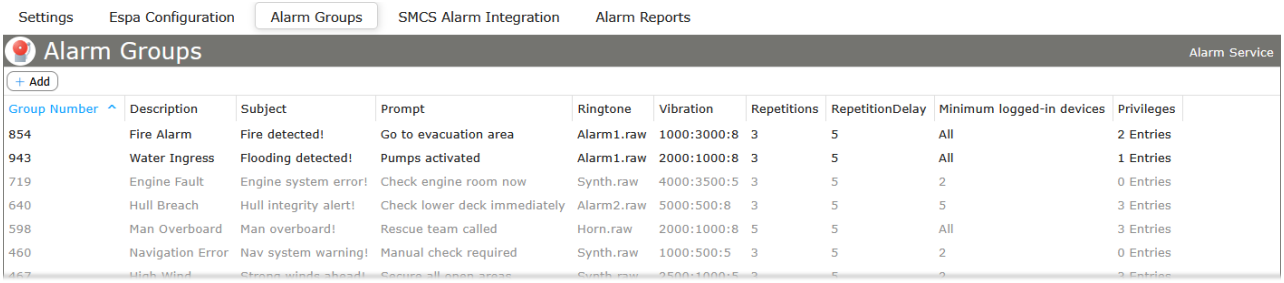
Alarm groups

This tab lists all alarm groups. Each alarm group contains the configuration of a specific alarm's behavior when executed (e.g., prompt to display, ringtone, vibration, repetitions) as well as which target devices the alarm will be distributed to.



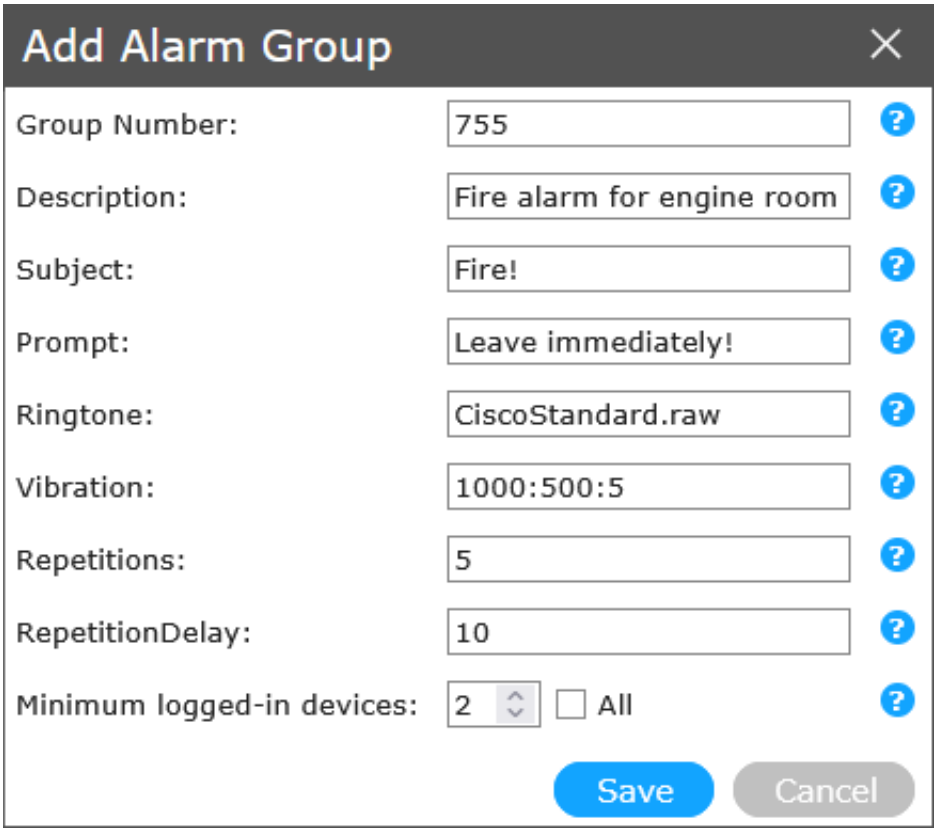
Group Number	Description	Subject	Prompt	Ringtone	Vibration	Repetitions	RepetitionDelay	Minimum logged-in devices	Privileges
854	Fire Alarm	Fire detected!	Go to evacuation area	Alarm1.raw	1000:3000:8	3	5	All	2 Entries
943	Water Ingress	Flooding detected!	Pumps activated	Alarm1.raw	2000:1000:8	3	5	All	1 Entries
719	Engine Fault	Engine system error!	Check engine room now	Synth.raw	4000:3500:5	3	5	2	0 Entries
640	Hull Breach	Hull integrity alert!	Check lower deck immediately	Alarm2.raw	5000:500:8	3	5	5	3 Entries
598	Man Overboard	Man overboard!	Rescue team called	Horn.raw	2000:1000:8	5	5	All	3 Entries
460	Navigation Error	Nav system warning!	Manual check required	Synth.raw	1000:500:5	3	5	2	0 Entries

An alarm group is uniquely identified by the group number.

If an alarm group should be triggered by an ESPA source, the ESPA source's call address must be used as the group number.

Adding an alarm group

To add an alarm group, click on the Add button in the top-left corner and a dialog window will appear to configure the new alarm group.



Group Number — The unique identifier for this group. Needs to be the

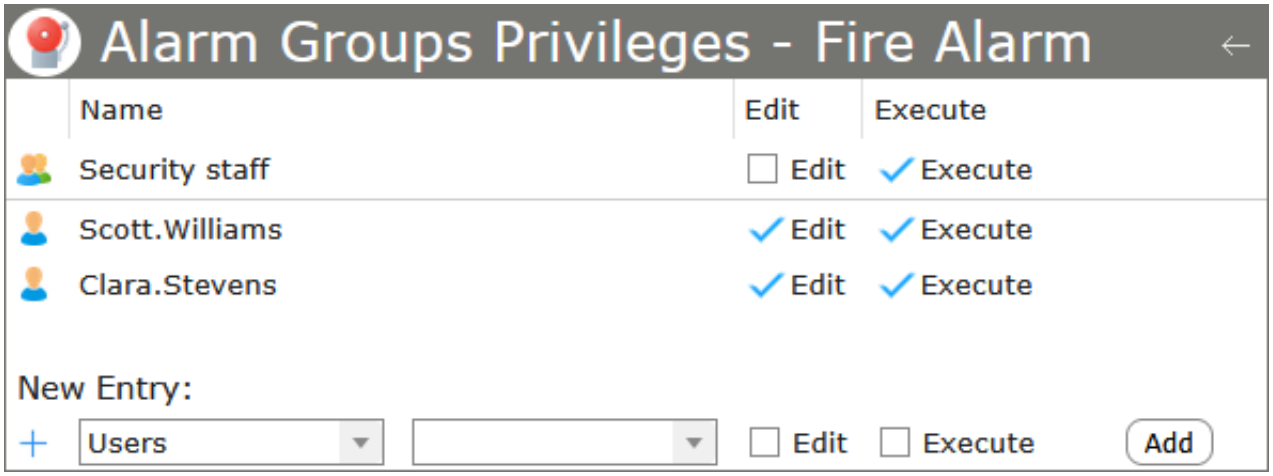
	same as the ESPA call address which should trigger this group alarm.
Description	A short text to describe the alarm group.
Subject	Text to be shown as a push message's title on any phone that receives the alarm (maximum 32 characters).
Prompt	Text to be shown as a push message's text body on any phone that receives the alarm (maximum 32 characters).
Ringtone	The file name of the ringtone that will be used on any device that receives the alarm. Typing any text in this field will reveal a list of all available ringtones that match the entered text.
Vibration	Configure the vibration that will be activated on any device that receives the alarm. A vibration has the format vibrateDuration:silenceDuration:count. vibrateDuration: The duration of the vibration (set in milliseconds; value between 0 and 65536). silenceDuration: The duration of the silence after the vibration (set in milliseconds; value between 0 and 65536). count: The count of how often the vibration is repeated (value between 0 and 100).
Repetitions	How often an alarm is repeated on a device if the alarm isn't answered.
RepetitionDelay	The interval between alarm repetitions (set in seconds; values between 2 and 60).
Minimum logged-in devices	The minimum number of devices that are required to be logged into the alarm group. Checking All will require all devices to be logged in.

Privileges and editing alarm groups

There are two privileges that can be given to users regarding alarm groups:

- Edit: Permission to change the group's attributes (e.g., description, subject, prompt…), add and configure the destinations, or delete a group.
- Execute: Permission to activate the alarm for a group.

Administrators can edit and delete any alarm group as well as execute the respective alarms. Regular users need the appropriate privileges to edit an alarm group and/or execute an alarm. To edit user privileges, click on the Privileges column of any alarm group to access the group's privilege settings. Here, you can set which users and user groups have the privilege to edit/delete the alarm group or execute the group's alarm.



Users can only be selected for alarm group privileges if they meet the following criteria:

- The user has access to the Cruise Alarming instance (see chapter User administration in the Callisto Platform administration manual).
- The user has the privilege to access the *Alarm Groups* tab (see chapter Setup).

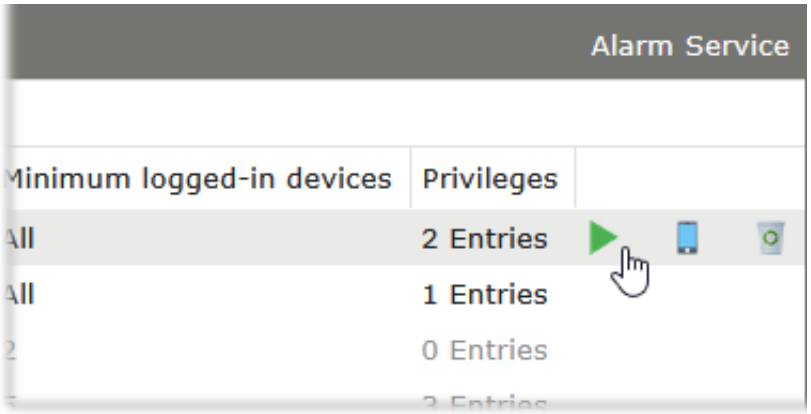
Likewise, when a user group is granted any privileges, only group members that meet those two criteria will effectively gain the selected privileges.

If a regular user creates a new alarming group, he will be automatically given the privilege to edit and execute the alarm group. The user can then remove his own privileges, but won't be able to restore them afterwards. A group without any privilege entries can only be edited by administrator users.

Alarm group destinations

Destinations icon

Alarm group destinations define the devices which receive alarms triggered by an alarm group. To edit the alarm group destinations, hover over an alarm group and click on the *Destinations* icon on the right side.



For each destination, the following parameters can be set:

Destination IP	The IP address or DNS entry of the target.
Description	An internal description of the target.
Device Type	Set the device type for Cruise Alarming to use the appropriate protocols and ports for the push notification. The following device types are available: • Cisco Phone • Android • SIP Phone For Cisco Phones and Android devices, a Secure option is also available. With this options, a secure port is used for transmitting the alarm message (443 on Cisco Phones, 8443 on Android devices).
Login State	The device's login state. The state can also be controlled from the GUI. Changing state will be reflected on the device. The following states are available: • Logged out • Logged in • Always logged in: With this option, it is not possible to log the device out from the GUI.

Activate Alarm icon

Users with the Execute privilege can immediately send the alarm to all destination devices by clicking the *Activate Alarm* icon on the right side of the alarm group.