CALLISTO

CRUISE ALARMING SMCS

ADMINISTRATION MANUAL

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Setup

Installation

SMCS Alarm is installed through Callisto's Open Application Manager. The installation and updating process for OAM applications is described in the chapter Options of the Callisto platform administration manual.

Privileges

The following application privileges can be assigned to a user for the SMCS Alarm application. For setting user privileges, see the chapter User administration of the Callisto platform administration manual.

Settings	Provides access to the *Settings* tab.
Messages	Provides access to the *Messages* tab.
AlarmGroups	Provides access to the *Alarm Groups* tab.
Reports	Provides access to the *Reports* tab.

Access

Configure icon

Administrators can access the SMCS Alarm configuration by navigating to System > Open Application Manager in the main menu. In the tab Applications, locate the SMCS Alarm instance and click on the *Configure* icon.

Users who were granted privileges to access the SMCS Alarm instance can do so by navigating to Applications in the main menu and clicking on the name of the SMCS Alarm instance.

Settings

This tab contains the general settings.

Base URL for sending a message to a phone.	Base URL (REST web service) used to send a message to a specific phone. The following placeholders need to be replaced with actual values when applying the URL: <phoneNumber>: Mandatory. The phone number to which the message should be sent. <messageID>: Mandatory. The ID of the message. Can be found in the *Messages* tab. <callerID>: Optional. If provided, this value will be used as caller number when sending the messages.
Base URL to start alarm on the phone group.	Base URL (REST web service) to start an alarm on a group of phones. The following placeholders need to be replaced with actual values when applying the URL: <groupNumber>: Mandatory. The ID of the group to which the alarm should be sent. Can be found in the *Alarm Groups* tab. <messageID>: Mandatory. The ID of the message. Can be found in the *Messages* tab.
Base URL to stop previously started alarm on the phone group.	Base URL (REST web service) to stop an alarm on a group of phones. The following placeholder needs to be replaced with an actual value when applying the URL: <groupNumber>: Mandatory. The ID of the group to which the stop signal should be sent. Can be found in the *Alarm Groups* tab.
Caller number	This number is shown as caller's number on the receiving phone(s) when a message is sent.
Caller name	This name is shown as caller's name on the receiving phone(s) when a message is sent.
Repetitions, Ring time, and Repetitions gap	Customize how often the alarm should ring, how long it should ring and how long the silent gap between ring repetitions should be. The value of Ring time and Repetitions gap is set in seconds.
Automatically delete reports after (days)	The time in days after which reports are deleted (see chapter Reports).

The REST web services must to be used on Ship's Safety Management and Control System (or other external systems). The services can also be invoked by entering the URLs in a normal web browser – this can be used for testing or if a specific destination (i.e., crew members) should be informed in a quick manner.

Send a message to the phone with the number 1026:

```
http://<callisto>
/Applications/inbound/SMCS%20Alarm/src/REST.asp?action=sendMessage&phone=1026&m
essage=126
```

Send an alarm to the group with the ID 100:

```
http://<callisto>
/Applications/inbound/SMCS%20Alarm/src/REST.asp?action=startAlarm&groupNumber=1
00&message=126
```

Stop the alarm that is being sent to the group with the ID 100:

```
http://<callisto>
/Applications/inbound/SMCS%20Alarm/src/REST.asp?action=stopAlarm&groupNumber=10
0
```

Messages

Users who are authorized to access this tab can either record messages or upload pre-recorded messages via the web GUI. The Name field uses the audio file name (without the file extension).

New messages

To create a new recording, click either the *Record Message* or the *Upload Message* button located at the top of the window.

Record a message

Clicking on the *Record Message* button will open a window, promting the user to enter a phone number and a filename. Upon clicking OK, the application will call the given number and the phone can be used to make an audio recording. The recording will be saved in a file with the given file name.

Upload a message

Clicking on the Upload Message button will open a pop-up window allowing you to upload an audio file from your computer.

Managing messages

Available messages can be played back by pressing the respective *Play* button.

Next to each message, a *Record Message* button and an *Upload Message* button allow you to replace that message in the same manner as when creating new messages.

A message can be deleted by clicking the *Delete* icon.

Alarm Groups

In this section, it alarm groups can be defined, modified, and deleted. Alarm groups represent groups of important phones which will be called and receive a pre-recorded message in case of an alarm.

Each alarm group consists of the following parameters:

Group Number (ID)	The ID of the group (used in REST requests).
Description	A description of the group.
Repetitions	How many times to repeat calls/alarms. If set to -1, the alarm will be repeated infinitely until it is confirmed (stopped). Valid values are integers between -1 and 100.
Repetition Delay	Set in seconds. The delay between call repetitions. Valid values are integers between 2 and 300.
Caller Name	Name that will be displayed as caller name on the receiving phones.
Stop repeats for responders	If enabled, alarm repetition will cease on any phone that has answered the call, while the alarm will continue for other users (for the specified number of times).
Alarm Destination	A list of all phones (extensions) whch are part of the group.

Alarm groups can be exported to a CSV file using the *Export* button. Conversely, an existing CSV file with an alarm group configuration can be imported using the *Import* button.

Importing alarm groups

Clicking on the *Import* button will open a new window. On this page, it is possible to upload multiple files and configure how they will be imported.

A CSV file to use for import can be with or without a header, and needs to use either commas (,) or semicolons (;) as delimiters.

A valid CSV of an alarm group could look like this:

```
Group ID;Description;Repetitions;Repetition Delay;Caller name;Stop repeats for
responders;Alarm Group Destinations;
100;Machinery Alarm Group;-1;32;Machinery;0;"1020,1020";
200;Fire Alarm Group;-1;30;Fire Alarm;0;"1020,Desk phone 3";"1026,Desk phone 4"
;"1028,Desk phone 5";
```

```
Group ID,Description,Repetitions,Repetition Delay,Caller name,Stop repeats for
responders,Alarm Group Destinations,
100,Machinery Alarm Group,-1,32,Machinery,0,"1020,1020",
200,Fire Alarm Group,-1,30,Fire Alarm,0,"1020,Desk phone 3","1026,Desk phone 4"
,"1028,Desk phone 5",
```

Alarm group destinations

Click on the *Destination* icon next to a group to access that group's destinations/assignments. Every destination consists of an extension and description.

It is is also possible to import alarm group destinations directly into manually created alarm groups from CSV files. To import, open the alarm group and click the *Import* button. Check the example below for the correct structure:

CSV structure example for an alarm group destinations import:

```
Alarm Group Destinations;Description;
1020;DECT Patrol 12;
1028;DECT Patrol 19;
```

```
Alarm Group Destinations,Description,
1020,DECT Patrol 12,
1028,DECT Patrol 19,
```

Reports

All SMCS alarm related actions are listed in this tab.

The reports can be filtered and exported to a CSV or Excel file. Possible filters are:

Start date	Show reports from this date on
End date	Show reports to this date
Text search	Free text search for multiple fields

The following report fields exist:

Date/time	The date and time when the alarm call was placed.
Message	The message that was used for the alarm call.
Source IP	The device from where the alarm/send message command was triggered
Result	The result of the action (*successful* or *failed*)
Group ID	The ID/Number of the group, if the action was related to a group call

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