



SIMS Notification (SIMS Alert)

Manual

Version	Author	Changes	Date
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1. Introduction

The SIMS Notification (SIMS Alert) application is used to notify selected users about events that occur in the SIMS system via SMS messages.

The application consists of two parts, the server, and the administration interface.

The server is responsible for receiving and analyzing information from SIMS system and sending defined messages to selected phone numbers.

Administration interface in the form of a web application allows for precise configuration of sent messages and administration of phone numbers, to which these messages will be sent.

The application allows you to define which type of alarm, from which system and area, as well as at what time interval the message is to be sent.

In addition, you can define the exact text of the message using the available built-in parameters or any text.

The administration interface also allows viewing the history of sent messages.

The following items are required to use the application.

- An installed and configured SIMS Notification (SIMS Alert) server application
- Active license
- Active SIMS operator
- Web browser (e.g. Chrome, Edge, Opera, FireFox, Safari)

1.1. SIMS Notification (SIMS alert) – login for the first time

Enter the address of the SIMS Alert server in your web browser.



Use the same user and code you are using to log in to SIMS.



SIMS Alert

Your login

Password

Login

1.2. User administration

After the first login to the application you need to add a user for settings administration.

- the name of the first user must be consistent with the name of the existing SIMS operator
- the phone number is not important, but you must enter at least 4 digits for the system to save the data
- check Allow editing for users who will be able to edit settings

After filling in the data, click on Update.

Users Definitions SMS list demo Log off

User name	Allow editing	Phone number	
<input type="text" value="demo"/>	<input checked="" type="checkbox"/>	<input type="text" value="1111"/>	<input checked="" type="button" value="Update"/> <input type="button" value="Cancel"/>

1 - 1 of 1 items

Then you can add people to whom SMS messages will be sent. There is no association with a SIMS operator here.


User name	Allow editing	Phone number	
<input type="text" value="Thomas"/>	<input type="checkbox"/>	<input type="text" value="12122325"/>	<input checked="" type="button" value="Update"/> <input type="button" value="Cancel"/>
demo	<input checked="" type="checkbox"/>	1111	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

2. Definition of templates for SMS messages

Users **Definitions** SMS list demo Log off

No definition.

AddDelete selected



Add a new SMS definition.

Name

System Area

ARAS Copenhagen ANY

Area state Alarm type

ANY ANY

Text filter (Regular expression) ⓘ

Active from Active to

Filter hours active only in weekdays

SmsText ⓘ

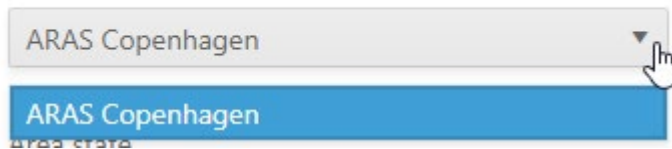
Users

Save Cancel

Example, complete the following fields:

- **Definitions name, e.g. Intrusion alarm in the server room area**
- **Select the System from the list**

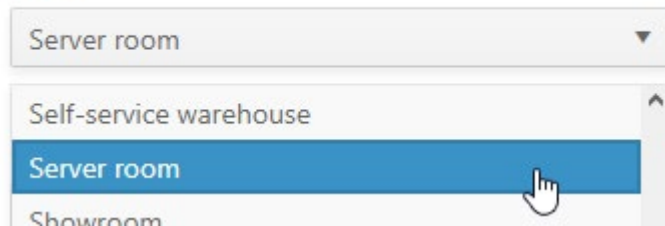
System



A screenshot of a dropdown menu. The top part shows the selected item 'ARAS Copenhagen'. Below it, a list of options is shown, with 'ARAS Copenhagen' highlighted in blue. A mouse cursor is pointing at the top right corner of the dropdown.

- **Select the area from the list e.g. Server room**

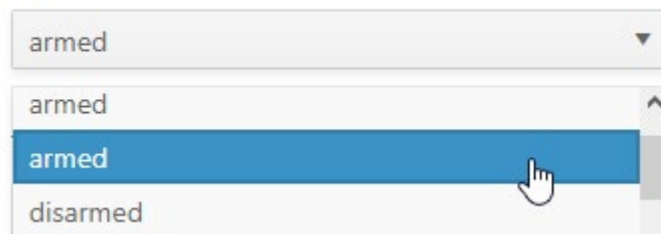
Area



A screenshot of a dropdown menu. The top part shows the selected item 'Server room'. Below it, a list of options is shown, with 'Server room' highlighted in blue. A mouse cursor is pointing at the bottom right corner of the dropdown.

- **Select the area state from the list e.g. armed**

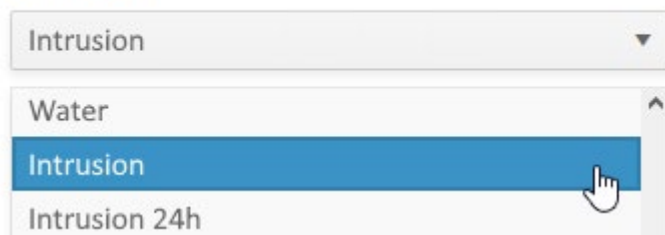
Area state



A screenshot of a dropdown menu. The top part shows the selected item 'armed'. Below it, a list of options is shown, with 'armed' highlighted in blue. A mouse cursor is pointing at the bottom right corner of the dropdown.

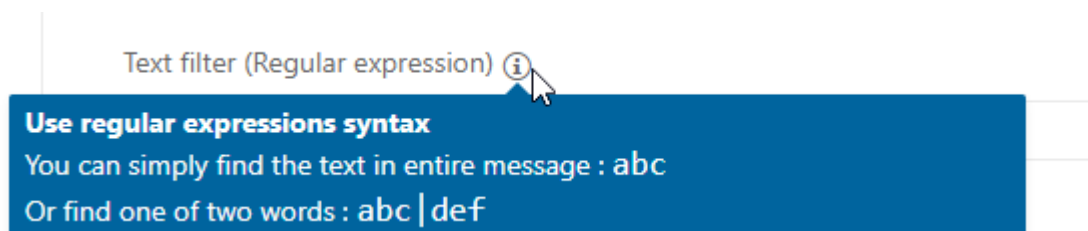
- **Select the alarm type from the list e.g. Intrusion**

Alarm type



A screenshot of a dropdown menu. The top part shows the selected item 'Intrusion'. Below it, a list of options is shown, with 'Intrusion' highlighted in blue. A mouse cursor is pointing at the bottom right corner of the dropdown.

- **For additional specification, we can use the text filter**



A screenshot of a text filter input field. The input field contains the text 'Text filter (Regular expression)'. A mouse cursor is pointing at an information icon (i) next to the text. A blue tooltip box is displayed below the input field, containing the text: 'Use regular expressions syntax', 'You can simply find the text in entire message : abc', and 'Or find one of two words : abc | def'.

Use regular expressions syntax

You can simply find the text in entire message: abc

Or find one of two words: abc|def

Use {m,n} or {m} for counters, for example a{2,4} matches "aa", "aaa" and "aaaa".

Use brackets for sets, for ex. [A-Za-z0-9] means "alphanumeric sign"

Use quantifiers :

? : zero or one sign, matches

* : zero or more signs

+ : one or more signs

For example:

[hc]?at matches "at", "hat", and "cat".

[hc]*at matches "at", "hat", "cat", "hhat", "chat", "hcat", "cchch23452345at", and so on.

- **Specify when to send messages of this type or leave the fields blank if you want the definition to be active all the time.**

Active from: [] [🕒]
Active to: [] [🕒]

6:30 PM
7:00 PM
7:30 PM

Filter hours active only in weekdays

If you want the template to be active during selected hours and only on working days, check the option Filter hours active only in weekdays.

Filter hours active only in weekdays

- **Enter the text, that will be sent in the SMS body.**

You can use following templates:

{SystemName}, {AreaName}, {InputName}, {InputNameNox}, {InputTypeName}, {AreaStateName}, {AlarmID}, {System}, {Input}, {Area}, {AreaState}, {AlarmType}, {SpecialText}, {AddInfo}

Templates will be replaced with proper values during sending message.

SmsText ⓘ

Alarm from input {InputName} in the area {AreaName}.
Please inform security manager.

- **Select the users to which you want the message to be sent.**

Users

Thomas X | X

demo

Thomas

Save

The new template will appear in the definition list.

Intrusion alarm in the server room area

Add Delete selected

The new alarm definition is active as soon as it is saved, i.e. immediately.

3. Event history

The last part of the application is used to view the generated messages with information whether they have been sent.

Created	Phone numbers	Definition name	Sms text	Was sent	Sent
12-05-2021 13:28:05	12122325	Intrusion alarm in the server room area	Alarm from input PIR Server room in the area Server room	<input checked="" type="checkbox"/>	12-05-2021 13:28:05
12-05-2021 13:25:58	12122325	Intrusion alarm in the server room area	Alarm from input Door Server room in the area Server room	<input checked="" type="checkbox"/>	12-05-2021 13:25:58
12-05-2021 13:03:23	12122325	Intrusion alarm in the server room area	Alarm from input PIR Server room in the area Server room	<input checked="" type="checkbox"/>	12-05-2021 13:03:23

To make the search easier we have added filters to each column. For example, if you want to find alarms containing the text "PIR" you can use the filter in the column Sms text:

Sms text	Was sent	Sent
Alarm from input PIR Server room in the area Server room	<input checked="" type="checkbox"/>	12-05-2021 13:03:23
Alarm from input PIR Server room in the area Server room	<input checked="" type="checkbox"/>	12-05-2021 13:28:05