

# SafeDispatch 7

## Administrator's Guide

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# 1 Introduction

The Administrative module allows you to configure all SafeDispatch applications. You are able to configure the active users, radio units and your gateway and registration settings.

## 1.1 Before using the Administrative module

Make sure that the Application Server is running in the background by double-clicking the corresponding icon on your desktop and minimizing the application.

## 1.2 Log in

To log in to the Administrative module:

1. Double-click the Administrative Module icon on your desktop. The login window displays.



2. Select the desired **Language** from the drop-down and enter the password. This is the Admin Password set at installation; whereas default password is "password".
3. Click the **Login** button. The Administrative module opens.

Administrative Module

Users Units Alarms Settings Gateways Registration Daily reports

Add
 Edit
 Delete
 Save Settings

User Type	User Name	First Name	Last Name	Id
Dispatcher	demo	Demo2	Test	3
Dispatcher	default	default	default	2
Admin	administrator	administrator	administrator	1

Assigned units to DEMO

Assigned units

- Demo101 101
- Demo102 102
- Demo103 103

Unassigned Units

- Demo104 104
- simoco\_668 668
- Test105 105
- test106 106

Assigned Gateways to DEMO

Assigned Gateways

- 10.120.1.210 (127.0.0.1)

Unassigned gateways

Settings for user DEMO

Start Items

Name Display

Start Lat. 0

Start Lng. 0

Start zoom 2

Units km/h

Time format 24 hour

Icon Theme Pin

History and Reporting

Compute address

Play Time 20

Pause Time 2000

Min speed 0

Report Time 00:00

Icons type

Unit pictures

Colored arrows

Emergency people

Display only units with last GPS update in 20 (min)

## 2 Managing Gateways

This section describes how to properly set a gateway and radio control stations for future communication on the field:

1. Add the gateway.
2. Add the radio gateways.
3. Add radio zones for specific radio gateways.
4. Add radio channels for specific radio zones.

### 2.1 Add a gateway

If your radio system is comprised of several gateways, repeat steps below for each gateway:

1. On the main menu click the **Gateways** tab.
2. Enter the **IP** of the computer where the gateway is running and click the **Add** button.

The Gateway displays in the list of gateways.

Administrative Module

Users Units Alarms Settings **Gateways** Registration Daily reports

Save Settings

**Add new Gateway**  
 IP: 127.0.0.1 Add

Active  
 Available: 98

**Add new Radio Gateway**  
 IP: Base\_station\_IP Add  
 Radio Id: ID  Voice enabled  
 Name: Radio GW Name  
 Type: Tier2Radio

**Add new Radio Zone**  
 Nr: 1 Add  
 Name: Zone Name

**Add new Radio Channel**  
 Nr: 1 Add  
 Name: Channel Name

Add Radio Gateway for GW ID: 127.0.0.1			
Id	IP	Active	
2	127.0.0.1	<input checked="" type="checkbox"/>	

Add Zone for Radio Gateway: 192.168.10.1				
IP	IMEI	Voice	Name	
192.168.10.1	1	Yes	unnamed4	

Add Channel for Zone: Zone 1	
Nr	Name
1	Channel 1

Edit select... Delete Selected Edit selected Delete Selected Delete Selected Delete Selected

## 2.2 Add radio gateway

**NOTE:** If you have multiple control stations connected to the PC, each station should be configured with a different **Radio IP** address and same **Radio ID**.

If your radio system is comprised of several SafeDispatch systems, repeat steps below for each station:

1. On the main menu click the **Gateways** tab.
2. On the right select the desired gateway from the list of defined / available gateways.
3. Enter Radio IP address(s) and the Radio ID you set in the MOTOTRBO CPS, select the Voice enabled option and click the Add button.

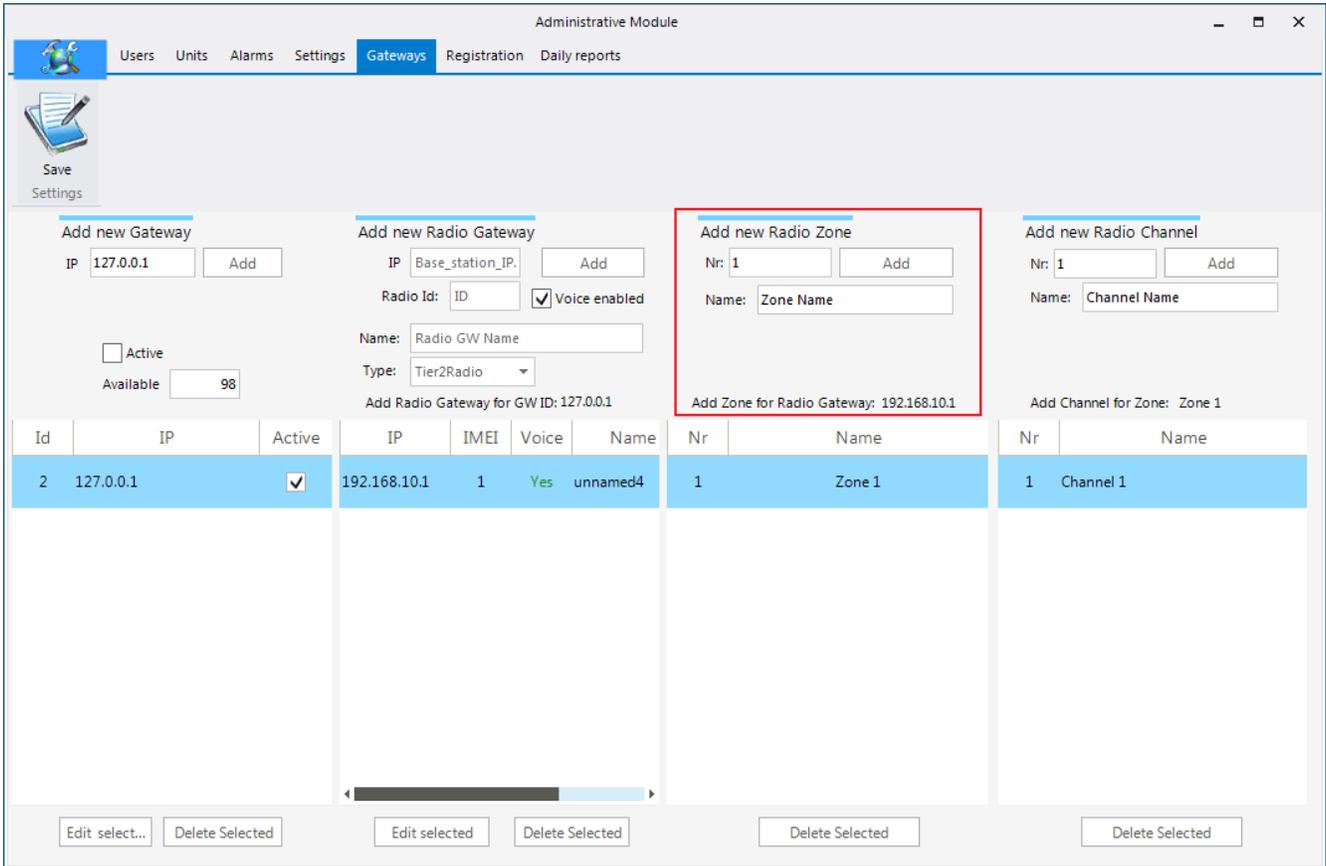
**NOTE:** If you do not select the **Voice enabled** option specific radio stations, they will not display in SafeDispatch nor in the Gateway application; however, GPS data will be transmitted for these radio stations.

The control stations will be displayed in the list of connected base stations to the selected gateway. The newly added radio gateway is configured with the IP address and the Radio ID of the control station that will be connected to the PC.

## 2.3 Add radio zones

To add a radio zone:

1. On the main menu click the **Gateways** tab.
2. Select the desired gateway and the control station to which you want to add the radio zone.
3. Enter the radio zone number and name and click the **Add** button.



Administrative Module

Users Units Alarms Settings **Gateways** Registration Daily reports

Save Settings

Add new Gateway  
IP: 127.0.0.1 Add  
 Active  
Available: 98

Add new Radio Gateway  
IP: Base\_station\_IP Add  
Radio Id: ID  Voice enabled  
Name: Radio GW Name  
Type: Tier2Radio  
Add Radio Gateway for GW ID: 127.0.0.1

**Add new Radio Zone**  
Nr: 1 Add  
Name: Zone Name  
Add Zone for Radio Gateway: 192.168.10.1

Add new Radio Channel  
Nr: 1 Add  
Name: Channel Name  
Add Channel for Zone: Zone 1

Id	IP	Active	IP	IMEI	Voice	Name	Nr	Name	Nr	Name
2	127.0.0.1	<input checked="" type="checkbox"/>	192.168.10.1	1	Yes	unnamed4	1	Zone 1	1	Channel 1

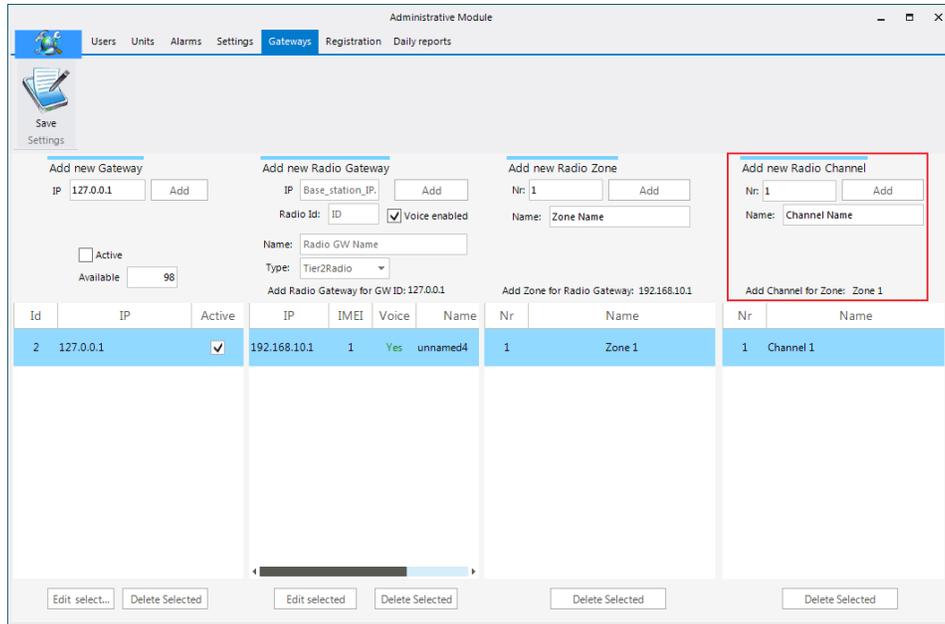
Edit select... Delete Selected Edit selected Delete Selected Delete Selected Delete Selected

The radio zone will be displayed in the list of available radio zones for the selected radio station.

## 2.4 Add radio channels

To add a radio channel:

1. On the main menu click the **Gateways** tab.
2. Select the desired gateway select a control station and the radio zone to which you want to add the radio channel.
3. Enter the radio channel number and name and click the **Add** button.

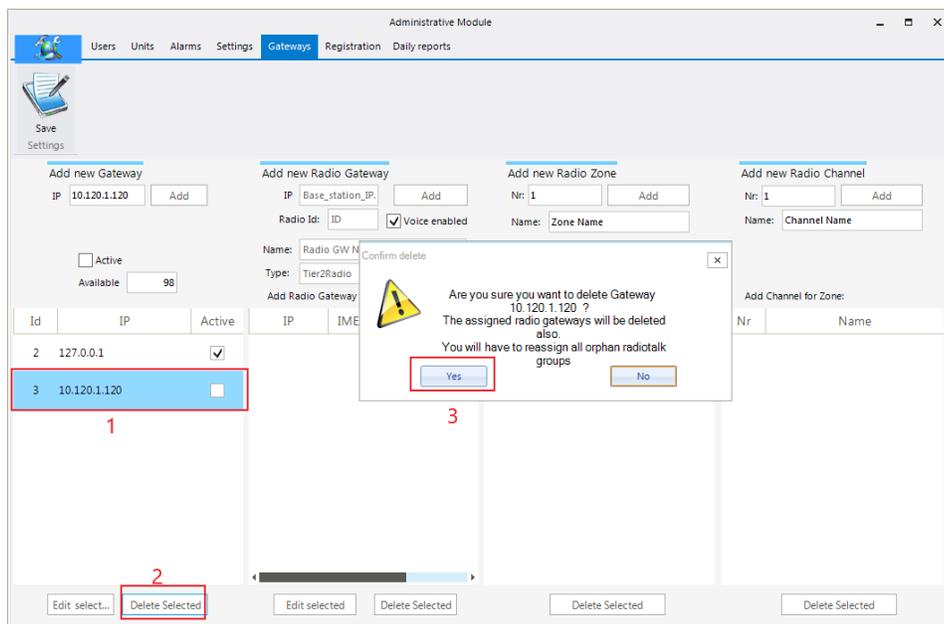


The radio channel will be displayed in the list of available radio channels for the selected radio zone.

## 2.5 Delete a gateway

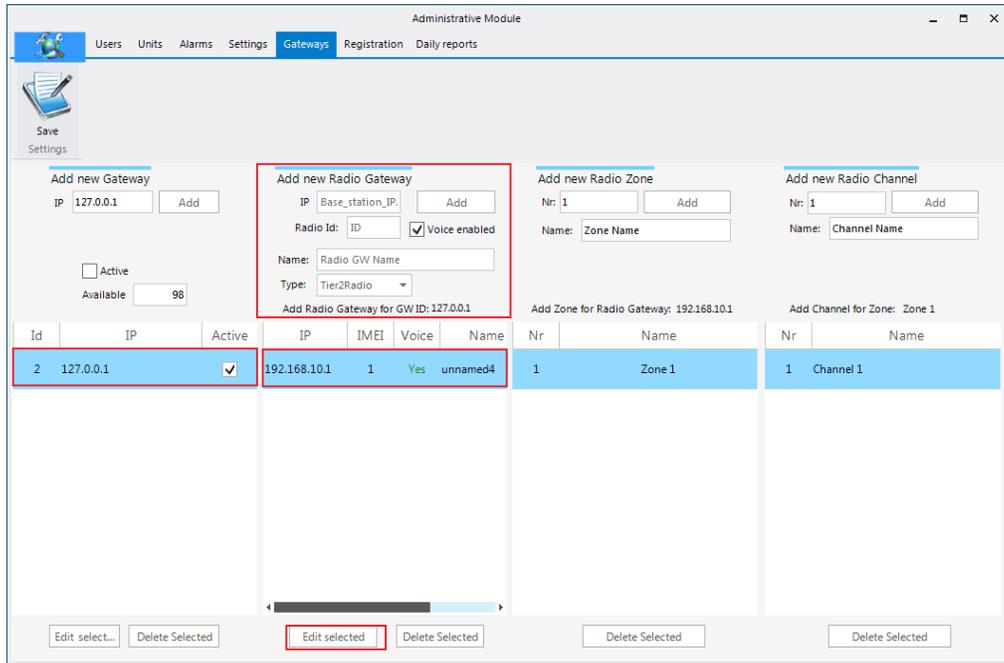
To delete a gateway:

1. On the main menu click the **Gateways** tab.
2. Select the gateway you want to delete and click the **Delete Selected** button. A confirmation dialog is displayed.
3. Click **Yes** and the gateway is removed from the list.



## 2.6 Edit an existing radio gateway

1. To edit an existing radio gateway:
2. On the main menu click the **Gateways** tab.
3. Select the desired gateway and the radio gateway you want to edit then click the **Edit selected** button.
4. Make the desired changes and click the **Modify** button.



The screenshot shows the 'Administrative Module' interface with the 'Gateways' tab selected. The 'Add new Radio Gateway' form is highlighted with a red box, showing fields for IP, Base\_station\_IP, Radio Id, Voice enabled, Name, and Type. Below the form, a table lists the current radio gateway configurations. The 'Edit selected' button is also highlighted with a red box.

Id	IP	Active	IP	IMEI	Voice	Name
2	127.0.0.1	<input checked="" type="checkbox"/>	192.168.10.1	1	Yes	unnamed4

The radio gateway updates are saved into the database.

## 2.7 Delete a radio zone

To delete a radio zone:

1. On the main menu click the **Gateways** tab.
2. Select the gateway, select the radio gateway whose radio zone you want to delete and click the **Delete Selected** button. A confirmation dialog is displayed.
3. Click **Yes** and the radio zone is removed from the list.

## 2.8 Delete radio channel

To delete a radio channel:

1. On the main menu click the **Gateways** tab.
2. Select the gateway, select the radio gateway, select the radio zones whose radio channel you want to delete and click the **Delete Selected** button. A confirmation dialog is displayed.
3. Click **Yes** and the radio channel is removed from the list.

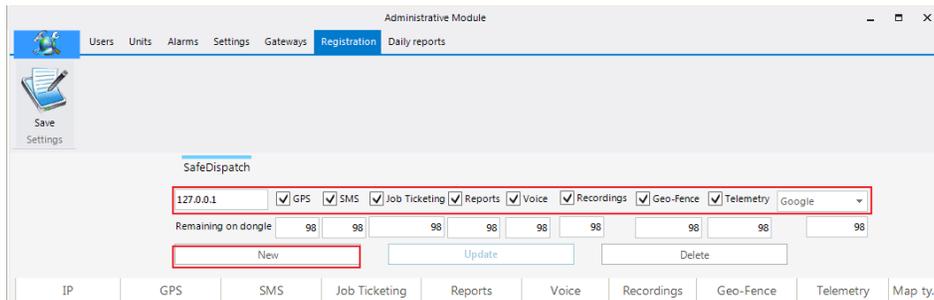
## 3 Registering SafeDispatch

A typical radio system may consist of multiple gateways and dispatcher PCs (SafeDispatch clients). The Administrative Module allows you to register the Gateways and the SafeDispatch clients.

### 3.1 Register SafeDispatch clients

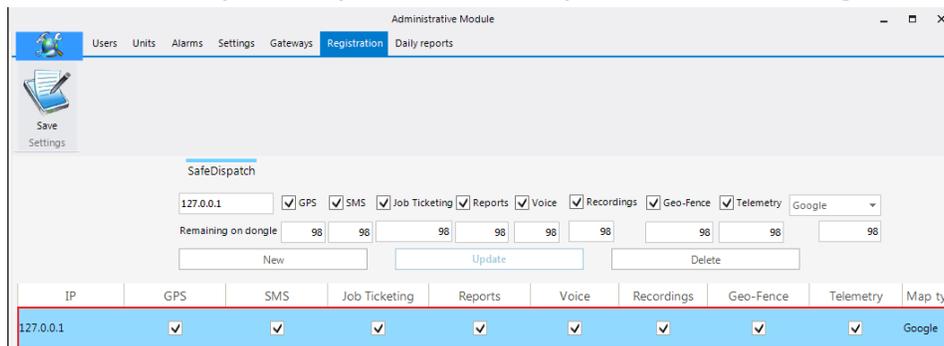
To register a SafeDispatch client:

1. On the main menu, click the **Registration** tab.
2. On the SafeDispatch section, enter the IP address of the computer where the SafeDispatch client is running.
3. Select the checkboxes corresponding to the SafeDispatch tabs you want to be visible into the SafeDispatch application for the selected client. From the **Map Type** drop-down list select the desired map to be shown to the selected SafeDispatch Client



IP	GPS	SMS	Job Ticketing	Reports	Voice	Recordings	Geo-Fence	Telemetry	Map ty...
127.0.0.1	<input checked="" type="checkbox"/>	Google							

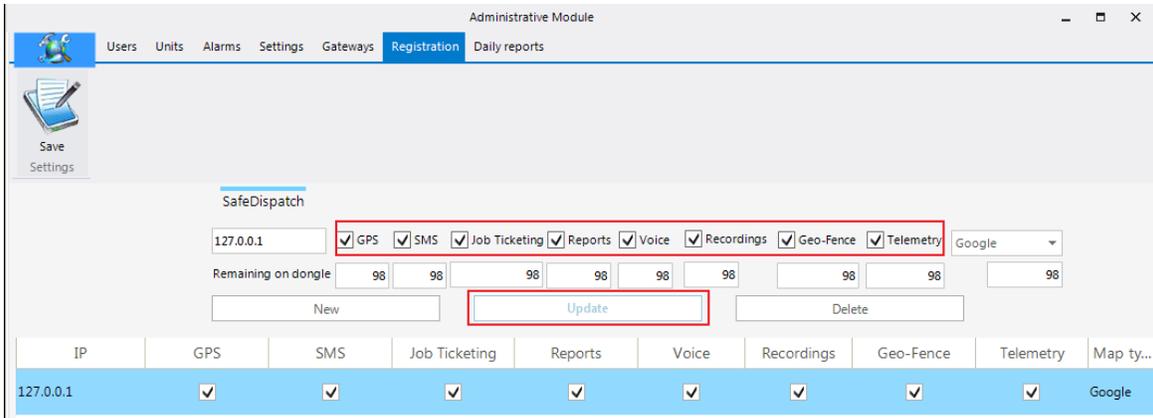
1. Click the **New** button. The previously entered SafeDispatch client is now registered.



IP	GPS	SMS	Job Ticketing	Reports	Voice	Recordings	Geo-Fence	Telemetry	Map ty...
127.0.0.1	<input checked="" type="checkbox"/>	Google							

### 3.2 Update registered SafeDispatch clients

1. On the main menu, click the **Registration** tab.
2. From the list of registered SafeDispatch clients, select the client you want to modify.
3. On the SafeDispatch section, make the desired changes and click the **Update** button.



### 3.3 Unregister SafeDispatch clients

1. On the main menu, click the **Registration** tab.
2. From the list of registered SafeDispatch clients, select the client you want to unregister.
3. On the SafeDispatch section, click the **Delete** button. A confirmation dialog prompts you to confirm deletion.
4. Click **Yes** and the selected SafeDispatch client will be unregistered.

## 4 Managing Users

This section describes how to manage SafeDispatch users:

- Add new users
- Edit users
- Delete users
- Assign units to users
- Assign gateways to users

SafeDispatch has two predefined users: a dispatcher (a user who logs into SafeDispatch) and an administrator (who logs into the Administrative module).

The screenshot shows the 'Administrative Module' interface for managing users. At the top, there are navigation tabs: Users, Units, Alarms, Settings, Gateways, Registration, and Daily reports. Below the tabs are icons for 'Add', 'Edit Settings', 'Delete', and 'Save Settings'. The main content area is divided into several sections:

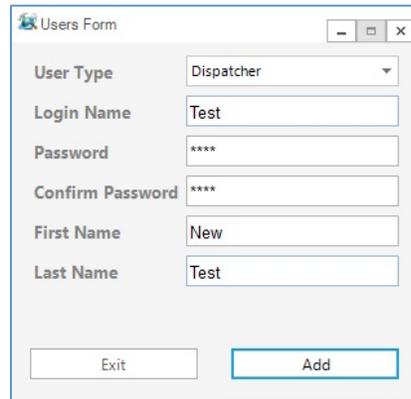
- Users Table:** A table with columns: User Type, User Name, First Name, Last Name, and Id.
 

User Type	User Name	First Name	Last Name	Id
Dispatcher	demo	Demo2	Test	3
Dispatcher	default	default	default	2
Admin	administrator	administrator	administrator	1
- Settings for user DEMO:** A configuration panel with three sections:
  - Start Items:** Name Display (checked), Start Lat. (44.4285), Start Lng. (26.1037), Start zoom (16), Units (km/h), Time format (24 hour), Icon Theme (Classic).
  - History and Reporting:** Compute address (checked), Play Time (20), Pause Time (2000), Min speed (0), Report Time (05:00).
  - Icons type:** Unit pictures (selected), Colored arrows, Emergency people, and a checkbox for 'Display only units with last GPS update in 8 (min)'. There is also a 'Display only units with last GPS update in 8 (min)' checkbox.
- Assigned units to DEFAULT:** A list of units with icons and names: Demo101 (101), Demo102 (102), Demo103 (103), Demo104 (104), simoco\_668 (668), Test105 (105), and test106 (106). There are right and left arrow buttons between this list and the 'Unassigned Units' list.
- Assigned Gateways to DEFAULT:** A list of gateways: 10.120.1.210 (127.0.0.1). There are right and left arrow buttons between this list and the 'Unassigned Gateways' list.

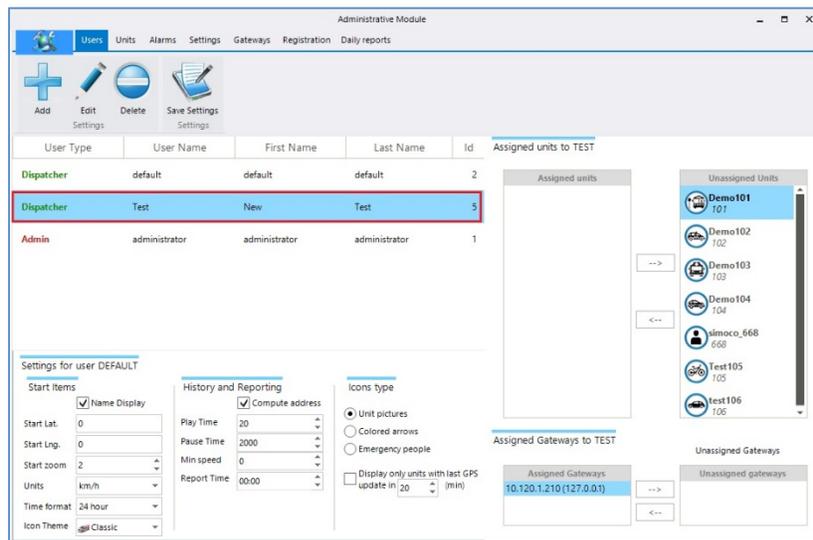
## 4.1 Add new users

To add a new user:

1. On the main menu, click the **Users** tab.
2. Click the **Add** icon. The Users Form will be displayed.



3. Select the **User Type** from the drop-down list based on the access privileges you want provide to the new user.
  - **Dispatcher** – complete set of privileges within the SafeDispatch application.
  - **Administrator**
  - **Lite Dispatcher** – limited access privileges within the SafeDispatch application: Live, Geo-fences and Voice Dispatch.
4. Enter the credentials in the appropriate fields (**Login Name, Password**), confirm password, enter the user's first name and last name and click the **Add** button. A pop-up will be displayed notifying you that the user has been successfully added to the database.
5. Click **OK**. The newly created user displays in the users list.



User Type	User Name	First Name	Last Name	Id	Assigned units to TEST
Dispatcher	default	default	default	2	
Dispatcher	Test	New	Test	3	
Admin	administrator	administrator	administrator	1	

Settings for user DEFAULT

Start Items:  Name Display

Start Lat: 0, Start Lng: 0, Start zoom: 2, Units: km/h, Time format: 24 hour, Icon Theme: Classic

History and Reporting:  Compute address, Play Time: 20, Pause Time: 2000, Min speed: 0, Report Time: 00:00

Icons type:  Unit pictures,  Colored arrows,  Emergency people

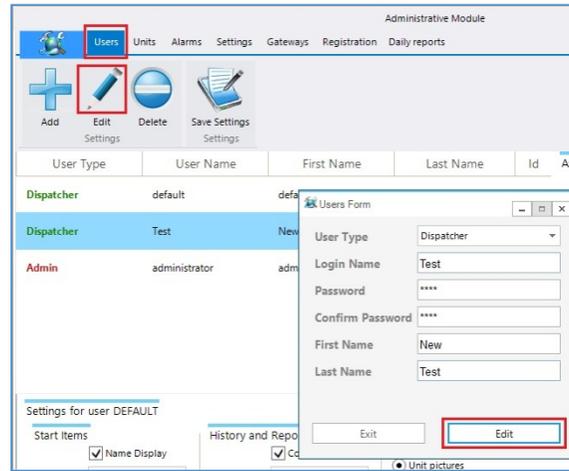
Assigned Gateways to TEST: 10.120.1.210 (127.0.0.1)

Unassigned Units: Demo101, Demo102, Demo103, Demo104, Mimoco\_668, Test105, Test106

## 4.2 Edit users

To edit an existing user:

1. On the main menu, click the **Users** tab.
2. Select the user from the list of existing users and on the Users section click the **Edit** icon. The Users Form will be displayed.



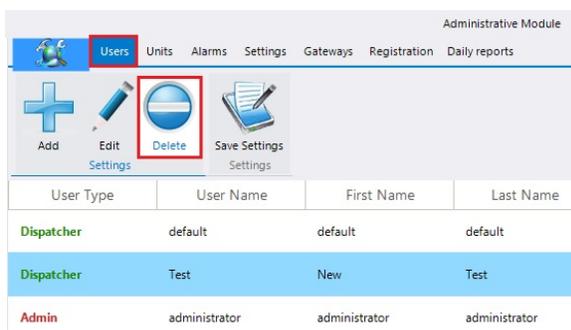
3. Make the desired changes and click the **Edit** button. A pop-up will be displayed notifying you that the user has been successfully updated.

Click **OK** to exit.

## 4.3 Delete users

To delete a user:

1. On the main menu, click the **Users** tab.
2. Select the user from the list of existing users and on the Users section click the **Delete** icon.



A confirmation dialog prompts you to confirm deletion.

3. Click **Yes** and the selected user is successfully deleted from the system.

## 5 Managing units and unit groups

Once you have properly created the gateway with its radio gateways, zones and channels, you have to add your units within the system.

This section describes how to manage SafeDispatch units:

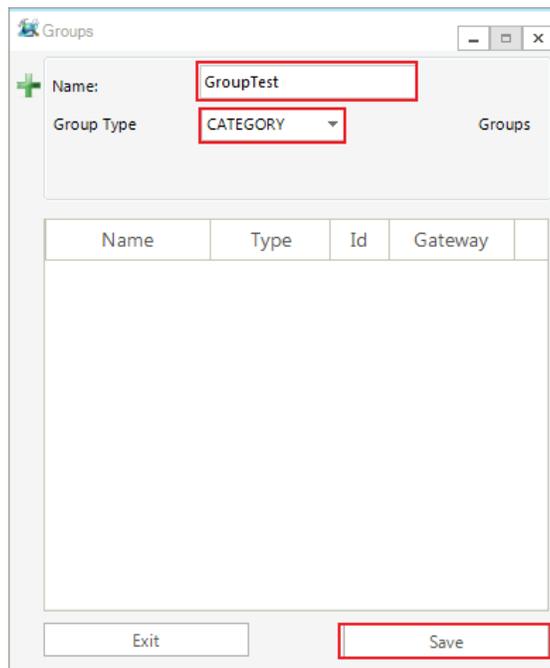
- Add new units
- Edit units
- Create unit groups
- Assign units to groups

### 5.1 Create a unit group

Groups are a convenient way to grant users access to a number of similar units. For example, all units from Europe could be in a group and all units from Asia in another group.

To create a new group:

1. On the main menu, click the **Units** tab.
2. From the Groups section, click the **Add** icon. The Add new group window will display.
3. Enter the group name and the **CPS ID** as identified within the System Digital Management Terminal > Groups and click the **Add group** button.



Name	Type	Id	Gateway
------	------	----	---------

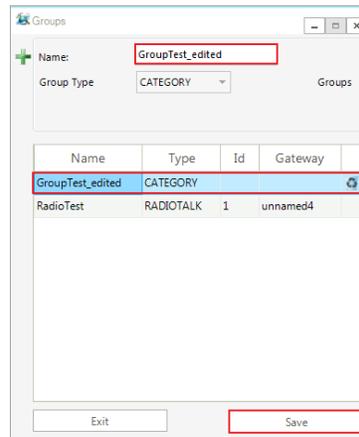
The group will be displayed on the list of groups defined.

To exit the window, click **Exit**.

## 5.2 Edit unit group

To edit an existing unit group:

1. On the main menu, click the **Units** tab.
2. From the Groups section, click the **Edit** icon. The Edit group window will display.
3. Make the desired group changes and click the **Edit group** button.

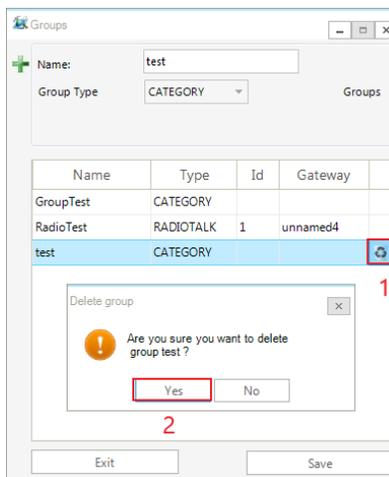


The unit group updates are saved into the system.

## 5.3 Delete unit group

To delete an existing unit group:

1. On the main menu, click the **Units** tab.
2. From the Groups section, click the **Delete** icon. The Delete group window will display.
3. Select the unit group you want to delete and click the **Delete group** button.

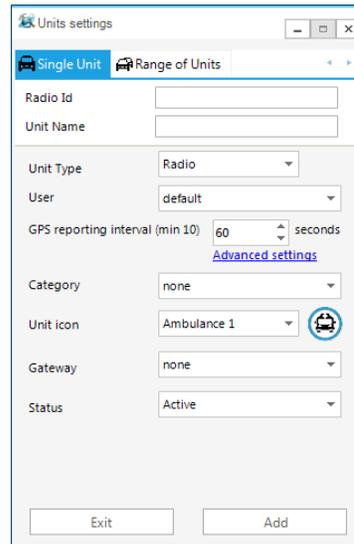


The unit group is deleted from the system.

## 5.4 Add new units

To add a new unit

1. On the main menu, click the **Units** tab.
2. From the Units section, click the **Add** icon. The Unit Settings page will be displayed.



3. Enter the **Radio ID**, enter the **Unit Name** and from the **User** drop-down list select the user to whom you assign the unit. This is the user who will view unit data in the SafeDispatch application
4. In the **GPS reporting time interval** field, enter how often SafeDispatch will collect data from the database.

---

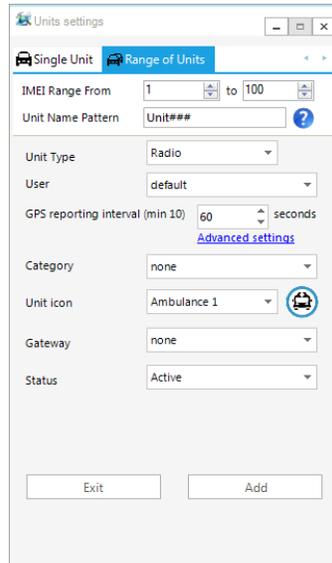
**NOTE:** If the database is frequently updated with information (or if your units are reporting frequently) we highly recommend keeping this interval to at least 10 seconds. Optionally, you can make advanced settings by clicking the [Advanced settings](#) link:

---

- **GPS POOR state after ... seconds without GPS** – Set the number of heart beats until the SafeDispatch application waits to receive another GPS signal until the status of the radio station will be set to **GPS POOR**. Default value is two heart beats (120 seconds).
  - **GPS OFF state after ... seconds without GPS** - Set the number of heart beats the SafeDispatch application receives no GPS signal until the status of the radio station will be set to **OFF**. Default value is four heart beats (240 seconds)
  - **MADE OFF state after ... seconds without GPS** - Set the number of heart beats the SafeDispatch application receives no GPS signal until the status of the radio station will be set to **MADE OFF**. The status of the radio status is unknown; for example, when in a car the radio station is forced to power-off from the engine instead of using the shutdown command.
5. From the **Group** drop-down list select the group to which you want the unit to be part of.
  6. From the **Unit icon** drop-down list, select the icon that will identify the unit on the SafeDispatch map.
  7. Click the **Add** button. The newly created unit displays in the units list.

### 5.4.1 Add range of units

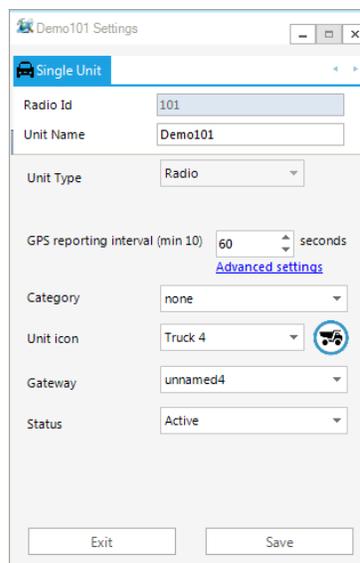
You can also add a range of units by clicking the Range of Units tab and entering the IMEI range and the unit name pattern. The other settings (the user type, the group to which they will belong to and the unit icon) will apply to all the units within that range.



## 5.5 Edit units

To edit an existing unit:

1. On the main menu, click the **Units** tab.
2. Select the desired unit from the units list and from the Units section click the **Edit** icon.



3. Make the desired changes and click the **Save** button in order to save the unit updates.

---

**NOTE:** The **Radio ID** field is non editable, therefore you are not able to modify the Radio ID.

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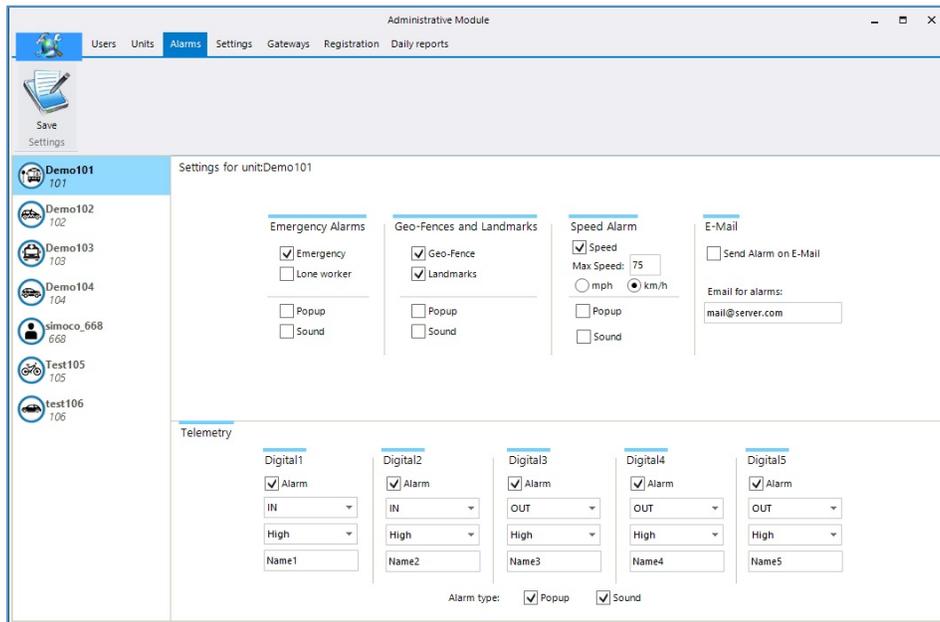
## 5.6 Delete a unit

To delete a unit from the system:

1. On the main menu, click the **Units** tab.
2. Select the desired unit from the units list and from the Units section click the **Delete** icon. A confirmation dialog prompts you to confirm deletion.
3. Click **Yes** and the unit is removed from the system.

## 6 Setting Alarms and Telemetry

In order to configure alarms and telemetry settings, on the **Main** menu click the **Telemetry** tab and from the list of units select the unit for which you want to set alarms and telemetry.



### 6.1 Set alarms

To set up alarms for specific units, Select the unit from the list of units on the select the desired alarm type from the available alarms and click the **Save** button at the upper-left corner of the page.

#### 6.1.1 Alarm Types

SafeDispatch provides the following types of alarms: Emergency, Geo-Fences and Landmarks and Speed Alarms.

##### Emergency Alarms

- **Emergency.** If selected, when a subscriber presses the emergency button on the radio station, the emergency alarm is raised.
- **Lone Worker.** If selected, the Lone Worker policy lets the dispatcher set a time interval in which the communication with a subscriber is expected.

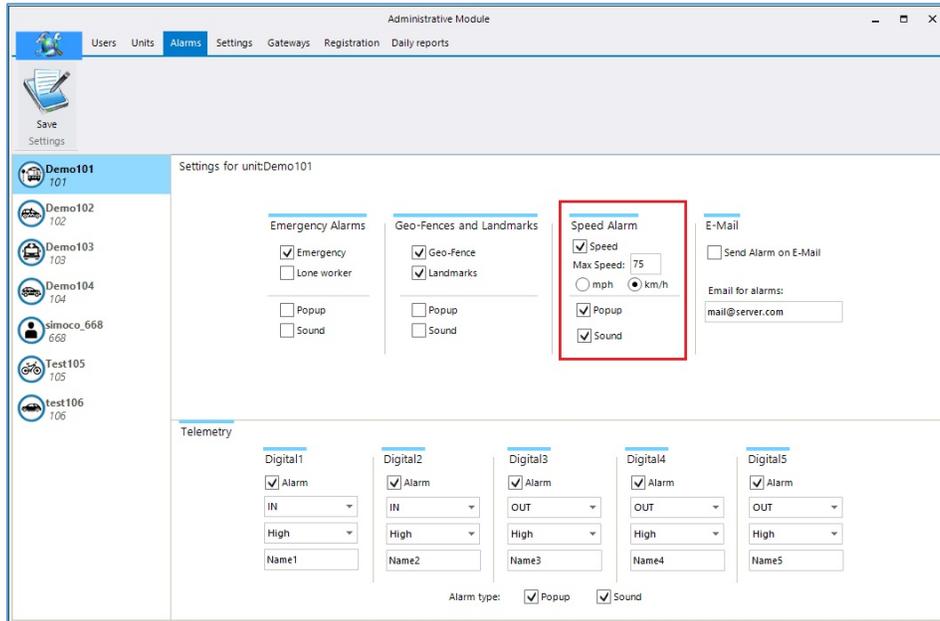
##### Geo-Fences and Landmarks

- **Geo-Fence.** If select, the dispatcher can limit the movement of units by adding regions on the map and making rules for entering or leaving a region.
- **Landmark.** If select, the dispatcher can limit the movement of units by adding specific locations on the map and making rules for reaching or leaving a location.

## Speed Alarm

The Speed Policy allows you to define the speed limit:

1. Select the **Speed** option.
2. In the **Max speed** field, enter the speed limit and choose the proper speed metric.



The screenshot shows the 'Administrative Module' interface for unit 'Demo101'. The 'Speed Alarm' section is highlighted with a red box. It contains the following settings:

- Speed
- Max Speed: 75
- mph  km/h
- Popup
- Sound

Other sections visible include:

- Emergency Alarms:**  Emergency,  Lone worker,  Popup,  Sound
- Geo-Fences and Landmarks:**  Geo-Fence,  Landmarks,  Popup,  Sound
- Telemetry:** Digital1-5, each with  Alarm, a dropdown menu (IN, OUT), a severity dropdown (High), and a name field.
- E-Mail:**  Send Alarm on E-Mail, Email for alarms: mail@server.com

At the bottom, the 'Alarm type' section has  Popup and  Sound.

3. Click the **Save** button at the upper-left corner of the page.

When a subscriber will exceed the speed limit, a speed alarm will be raised notifying the dispatcher that the speed policy has been violated.

## 6.2 Set Telemetry

SafeDispatch 7 gets data from telemetry sensors allowing you to have a real-time view on specific events such as: fuel consumption, engine data, car doors, air pressure, etc.

Make the proper telemetry settings for specific actions as set in the Motorola CPS and click the **Save** button at the upper-left corner of the page.

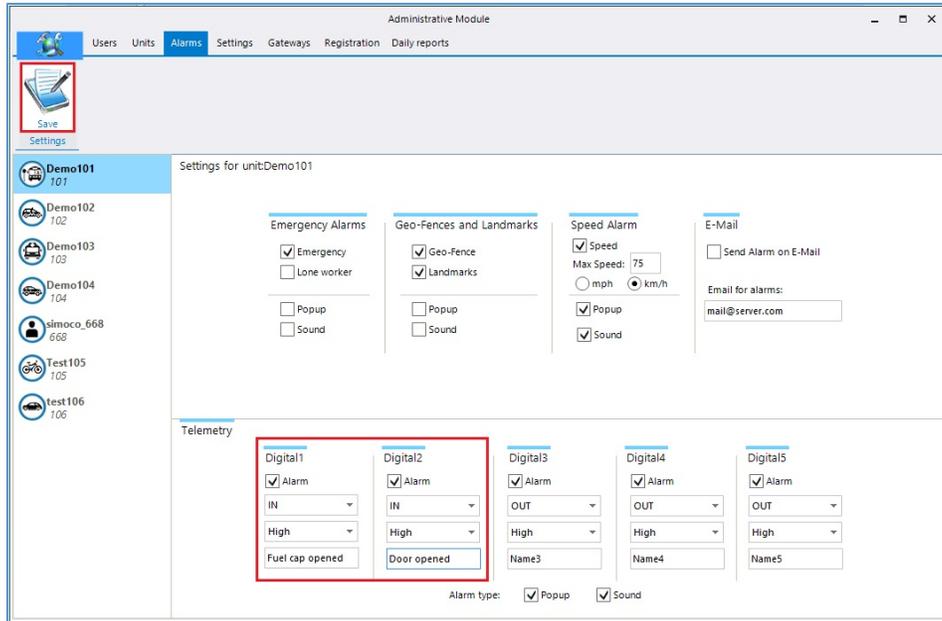
When a telemetry event occurs, the dispatcher will be notified about the telemetry.

### Telemetry example: Controlling the door open/closed state

The following telemetry settings have been defined in the Administrative module:

- **Door opened:** Digital 1, IN (Incoming), High
- **Fuel cap opened:** Digital 2, IN (Incoming), High

The telemetry settings have already been on the subscriber's radio station using the Motorola CPS.



If a thief breaks into the car and attempts to steal it, the door open sensor raises the telemetry alarm notifying the dispatcher that the door has been opened. This telemetry setting allows you to real-time monitor the car from being stolen.

If the fuel cap is left opened, a telemetry alarm is al raised.

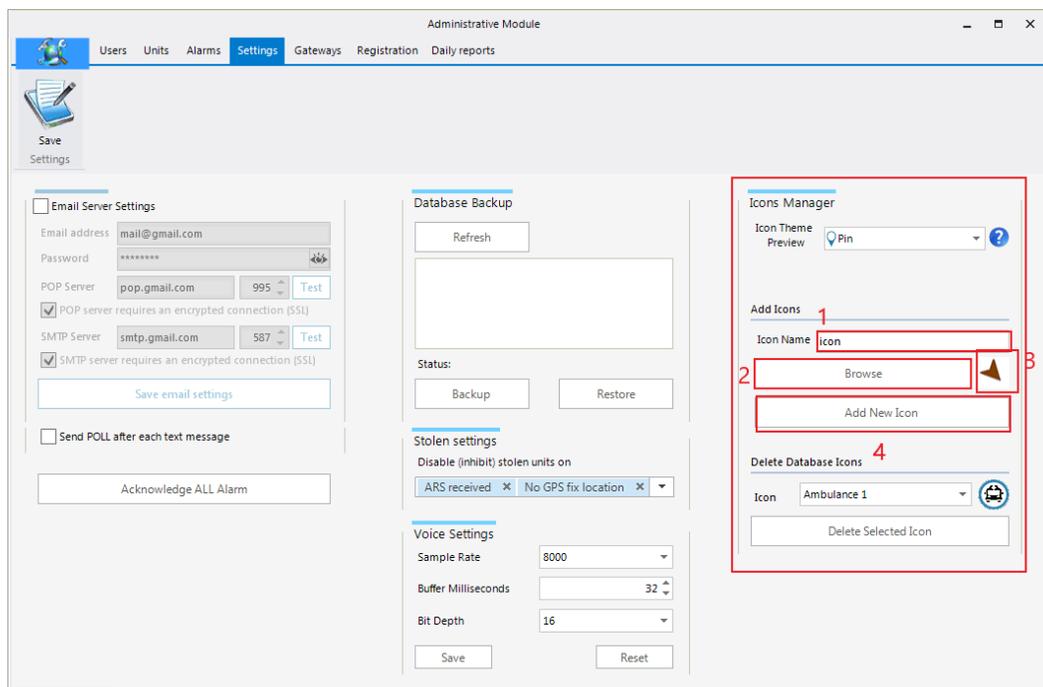
## 7 How do I ...

### 7.1 Customize units with my own icons

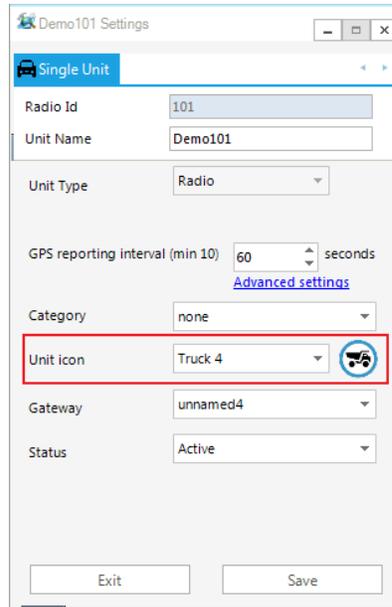
You can identify units on the map using your own icons.

To assign an icon to a specific unit:

1. On the **Main** menu click the **Settings** tab.
2. On the Icons Manager section, choose the icon type **Units**.
3. In the **Icon Name** field, enter a name.
4. Browse for the icon file you want to use to identify the unit.



5. Click the **Add New Icon** button. A pop-up will be displayed notifying you that the icon has been successfully added to the database. Click **OK** to close to exit.
6. On the **Main** menu, click the **Units** tab.
7. From the list of units, select the unit to which you want to add the previously added unit icon and from the Units section click the **Edit** icon. The Units settings window displays.
8. From the **Unit icons** drop-down list select your own icon.



Demo101 Settings

Single Unit

Radio Id: 101

Unit Name: Demo101

Unit Type: Radio

GPS reporting interval (min 10): 60 seconds

Category: none

Unit icon: Truck 4

Gateway: unnamed4

Status: Active

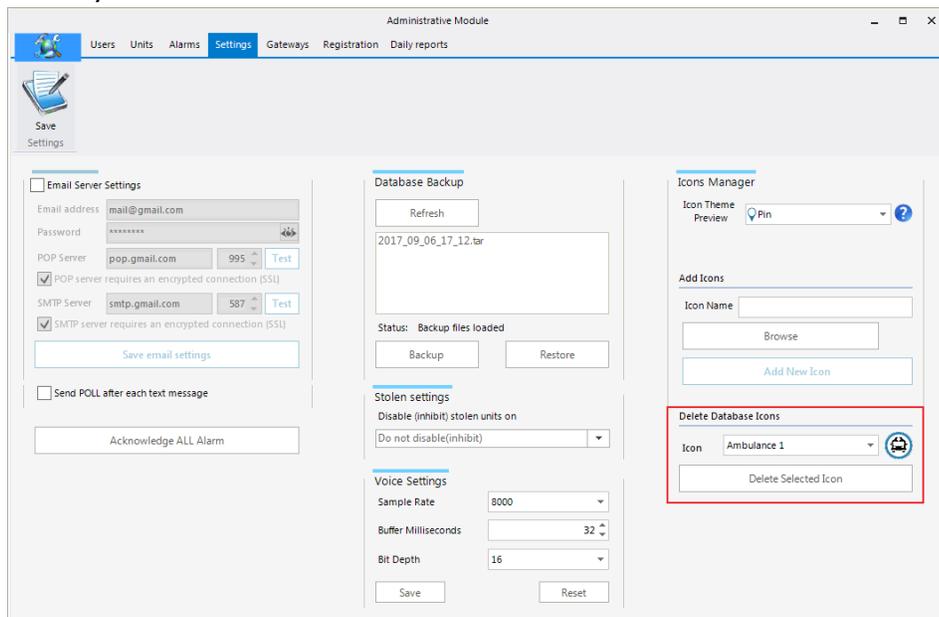
Exit Save

- Click the **Save** button. A dialog will be displayed notifying you that the icon has been successfully assigned to the selected unit. Click **OK** to exit.

The unit will be identified on the SafeDispatch map with the assigned icon.

## 7.2 Delete unit icons from the database

- On the **Main** menu click the **Settings** tab.
- On the Icons Manager >Delete Icons section, from the **Icon from database** drop-down list select the unit icon you want to delete and click the **Delete Selected Icon** button.



Administrative Module

Users Units Alarms Settings Gateways Registration Daily reports

Save Settings

Email Server Settings

Email address: mail@gmail.com

Password: \*\*\*\*\*

POP Server: pop.gmail.com 995 Test

SMTP Server: smtp.gmail.com 587 Test

Save email settings

Send POLL after each text message

Acknowledge ALL Alarm

Database Backup

Refresh

2017\_09\_06\_17\_12.tar

Status: Backup files loaded

Backup Restore

Stolen settings

Disable (inhibit) stolen units on

Do not disable(inhibit)

Voice Settings

Sample Rate: 8000

Buffer Milliseconds: 32

Bit Depth: 16

Save Reset

Icons Manager

Icon Theme: Pin

Preview

Add Icons

Icon Name:

Browse

Add New Icon

Delete Database Icons

Icon: Ambulance 1

Delete Selected Icon

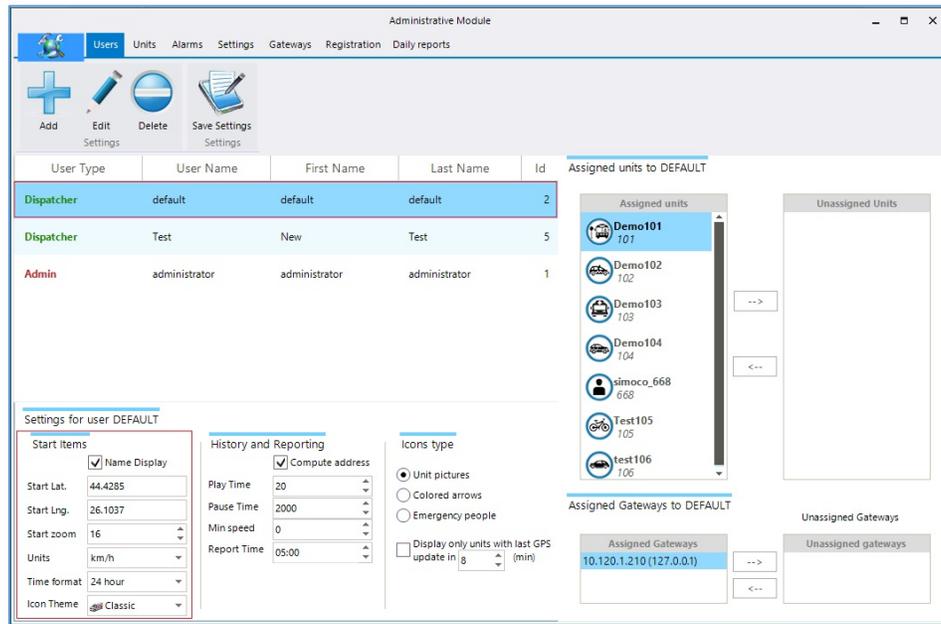
A pop-up prompts you to confirm deletion.

- Click **Yes** and the selected unit icon is successfully deleted from the database.

## 7.3 Customize SafeDispatch Live view

You can customize how dispatchers view units on the map, the map start coordinates and measurement units, the units display on the map, by clicking the **Users** tab on the **Main** menu and making the desired settings for the selected user.

Once you finish making the desired user settings click the **Save Settings** icon.



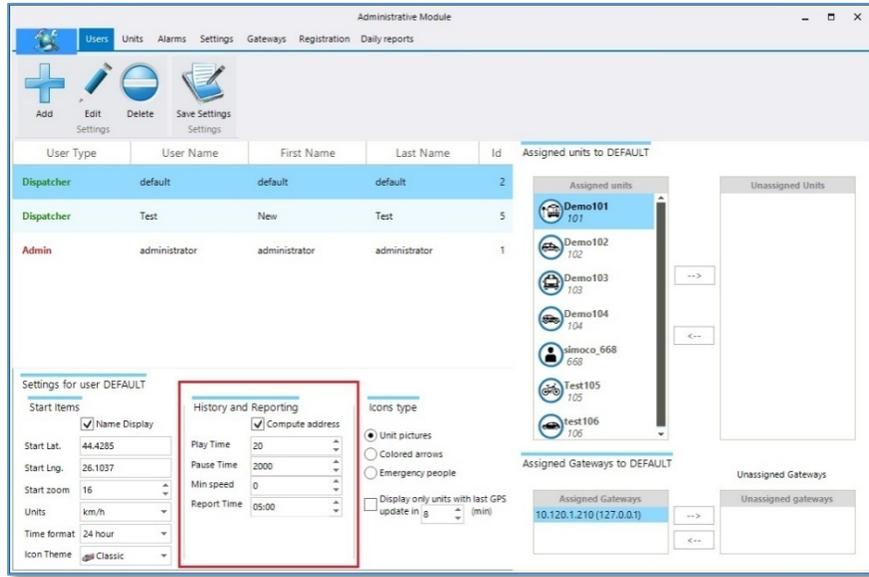
You can change the map display mode by selecting the **Display only units with last GPS update in x minutes** checkbox and entering the limit time value for last GPS received.

## 7.4 Customize the way historical information displays within SafeDispatch

You can customize the way historical information displays within the SafeDispatch application using historical data filters.

To set the SafeDispatch historical data filters:

1. On the **Main** menu, click the **Users** tab.
2. Select the user for which you want to customize the History settings.
3. On the History section make the desired settings:
  - To see all the positions on the map, set the speed limit to zero.
  - Set a speed limit to see only the positions that registered a speed over the defined speed limit.
  - Set **Play Time** and **Pause Time** values which will be default values for the Interval Select Menu within SafeDispatch each time you click on a unit to see historical information in the animated play.

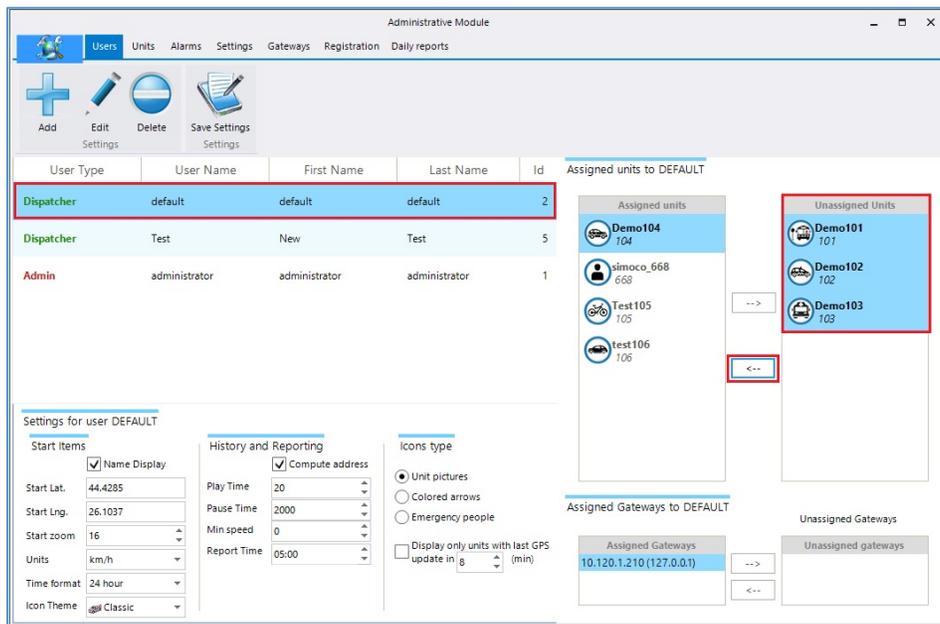


4. Click the **Save Settings** icon in order to save the changes.

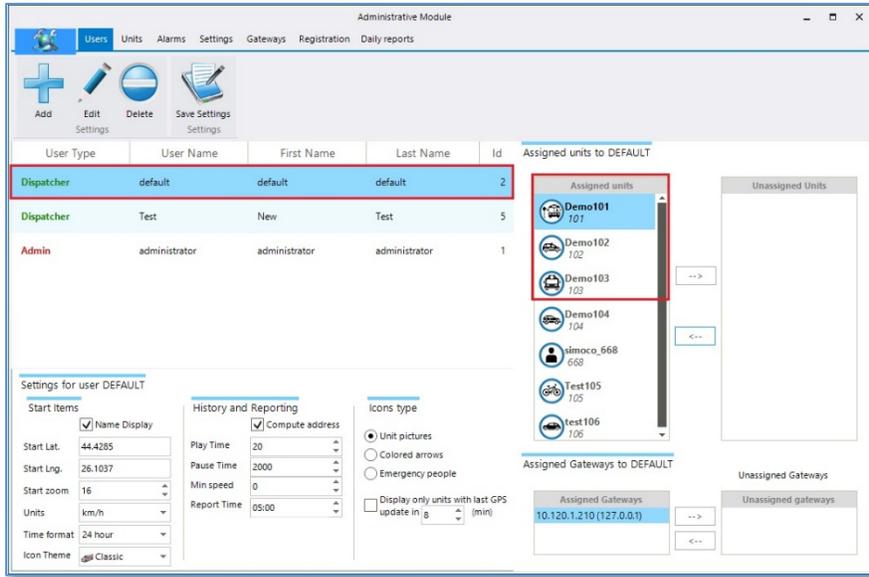
## 7.5 Assign units to a user

You can assign multiple units to a user:

1. On the **Main** menu, click the **Users** tab.
2. From the users list, select the user (dispatcher) to which you want to assign multiple units.
3. On the Assign Units to User section, from the **Unassigned Units** list select the desired units and click the << button.



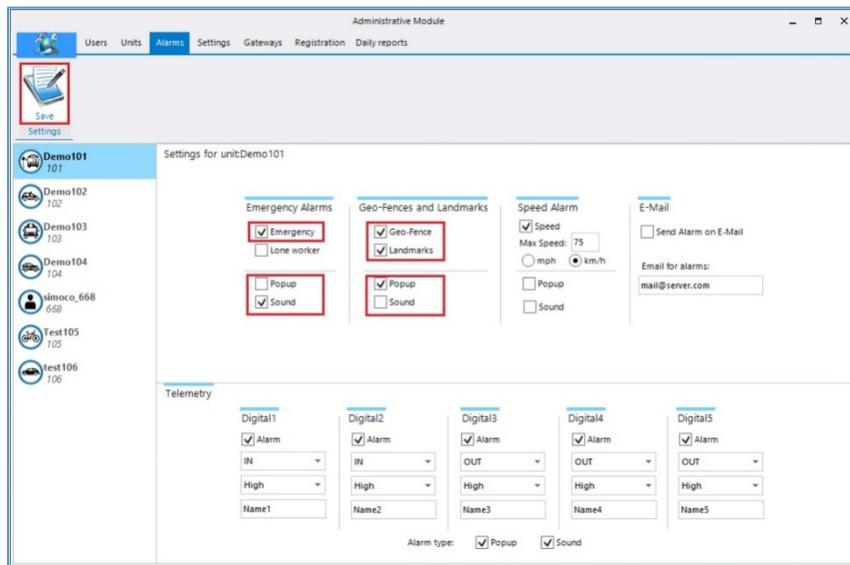
The selected units will be assigned to the specific user.



## 7.6 See notifications on the screen with sound

In order to view notifications / alarms on the screen with sound:

1. On the **Main** menu, click the **Alarms** tab.
2. From the list of units defined, select the one for which you want to activate notifications on the screen with sound.
3. Select the desired alarms and make sure to select both **Popup** and **Sound** options under the sections where you have selected alarm types.

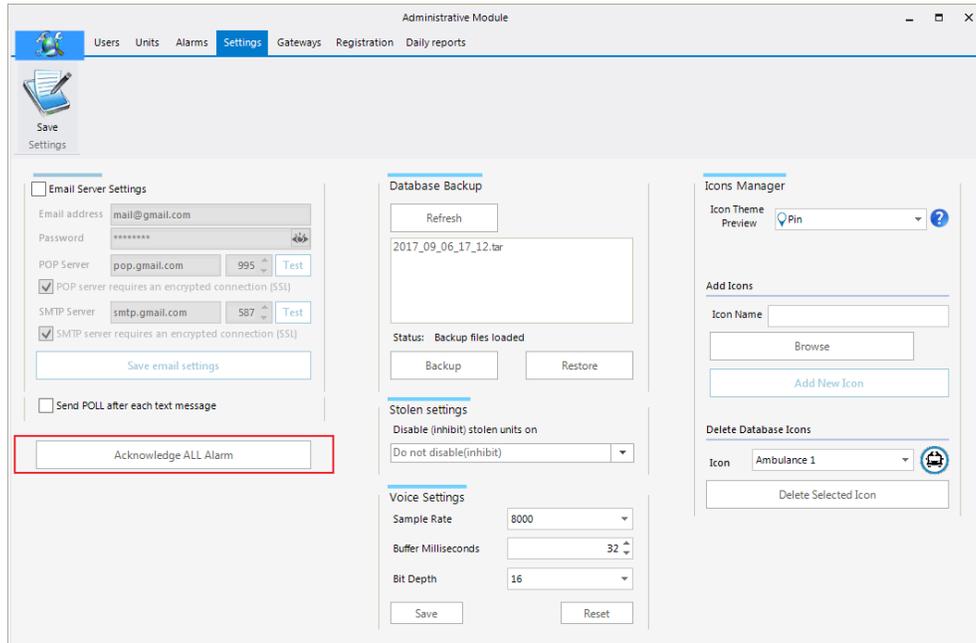


4. Click the **Save** icon at the upper-left corner of the page.

## 7.7 Delete alarms

To delete alarms (in case you have many alarms):

1. On the **Main** menu click the **Settings** tab
2. Click the **Acknowledge All Alarms** button.

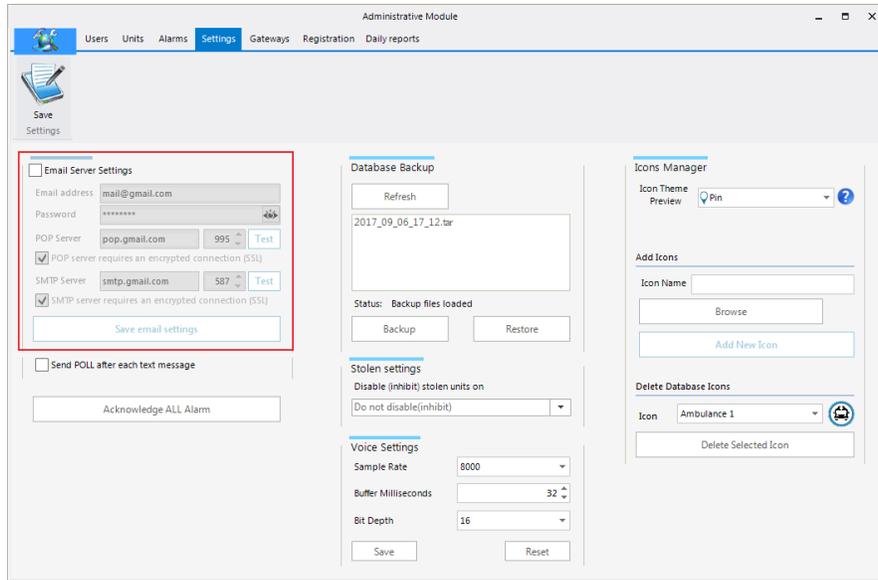


A dialog notifies you that all alarms have been acknowledged.

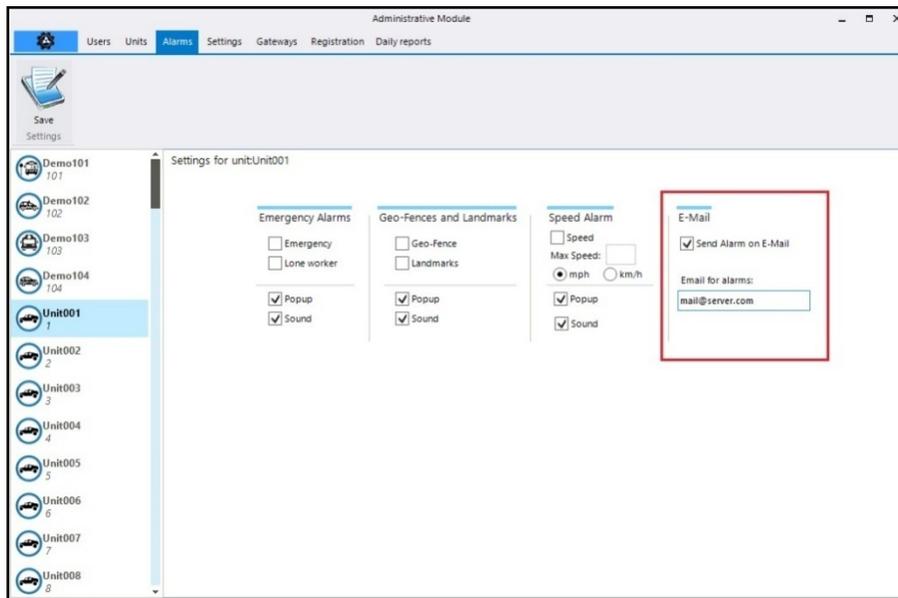
## 7.8 Receive alarms notifications by E-mail

To receive alarms notifications to a specific E-mail address:

1. On the Main menu, click the **Settings** tab
2. On the E-mail Server section, select the **Enable** checkbox and set up the E-mail server details (username and password, confirm password).
3. Enter the POP and SMTP servers' addresses and the communication ports.
4. Click the **Save Settings** icon at the upper-left corner of the page.



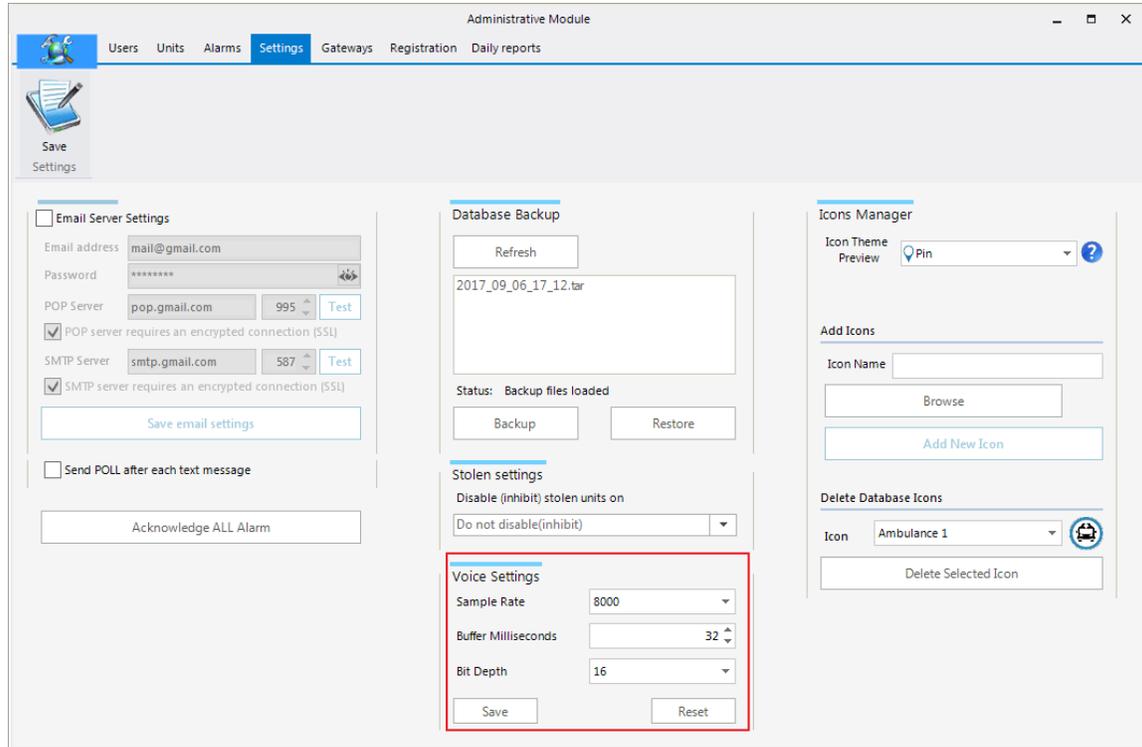
5. On the **Main** menu, click the **Alarms** tab.
6. Select the unit from the list on the left side of the page.
7. On the E-mail section, select the **Send Alarm on E-mail** checkbox.
8. Enter the E-mail address to which the alarm notifications will be sent and click at the upper-left side of the page click the **Save** button.



**NOTE:** The E-mail address / account assigned as server in Administrative Module must be used exclusively by SafeDispatch application (*do not use a personal email account as server address*).

When an alarm will be raised for the previously selected unit, a notification will be sent by E-mail to the recipient specified in the **E-mail for alarms** field.

## 7.9 Voice settings



The screenshot shows the 'Administrative Module' interface with the 'Settings' tab selected. The 'Voice Settings' section is highlighted with a red box and contains the following fields:

- Sample Rate: 8000
- Buffer Milliseconds: 32
- Bit Depth: 16

Buttons for 'Save' and 'Reset' are located below the fields.

A number of parameters can be manipulated if you want a better control over the audio output in your high definition audio device (audio boxes):

1. Sample Rate
2. Buffer Milliseconds
3. Bit Depth

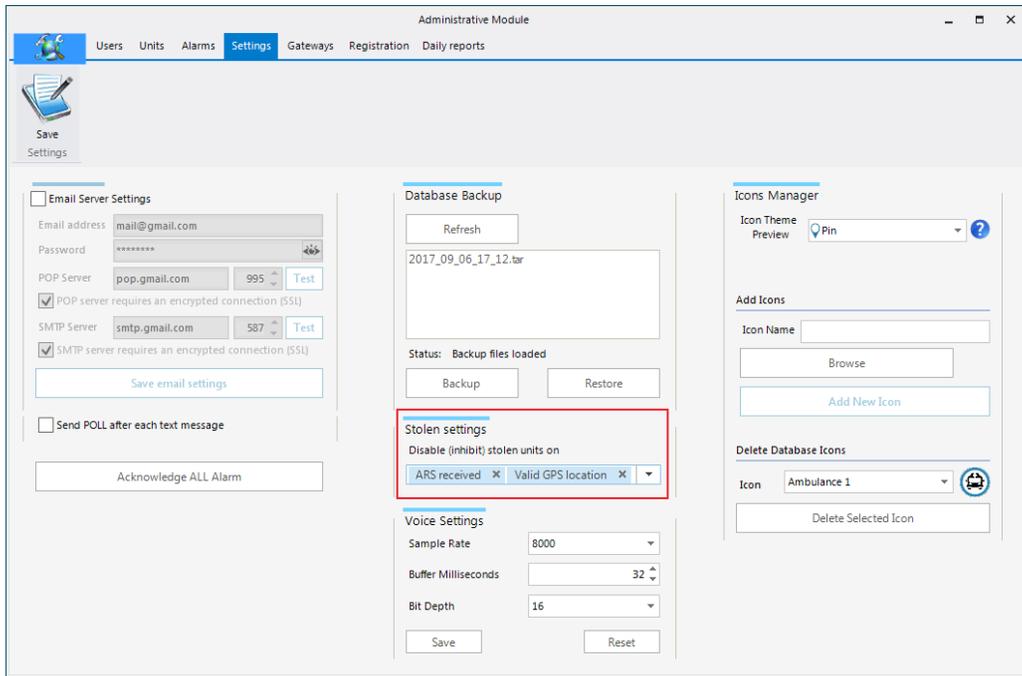
The optimal parameters for Windows drivers are as follows:

1. Sample rate 8000 Hz
2. Buffer Milliseconds 32
3. Bit Depth 16

The optimal parameters for ASIO drivers are as follows:

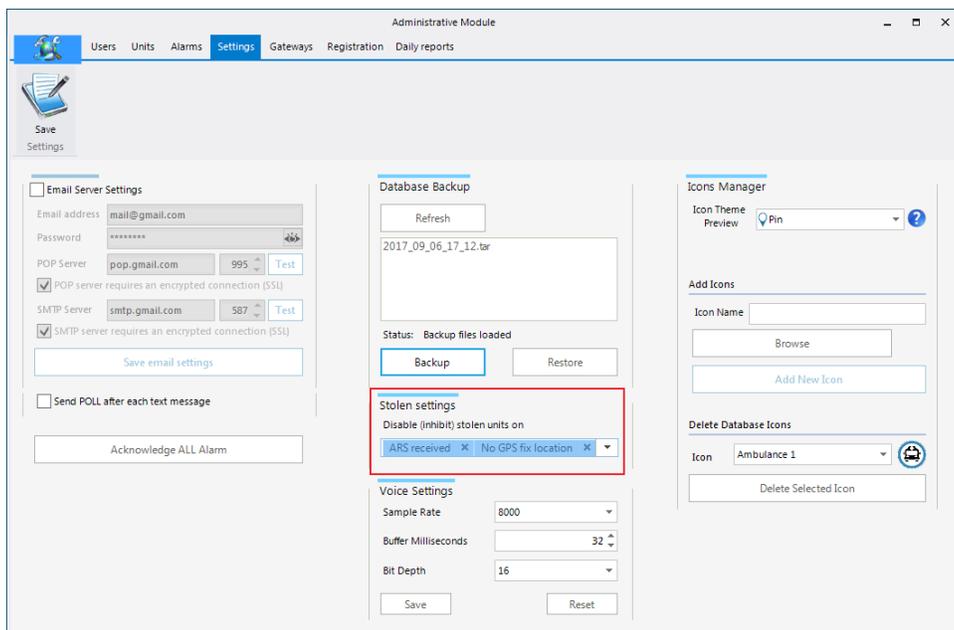
1. Sample rate 44100 Hz
2. Buffer Milliseconds 100
3. Bit Depth 32

## 7.10 Stolen settings



In the stolen settings option you are able to disable (inhibit) stolen units on different cases:

1. ARS received
2. Valid GPS location
3. No GPS fix location



# 8 Daily Reports

This section lists all the daily reports dispatchers generated within the SafeDispatch module.

The screenshot shows the 'Administrative Module' window with a navigation menu at the top containing 'Users', 'Units', 'Alarms', 'Settings', 'Gateways', 'Registration', and 'Daily reports'. The 'Daily reports' tab is active. On the left side, there is a 'Save Settings Settings' button. The main area contains a table with the following data:

Report type	E-Mail	Start	End	Unit Name	Geofence name	User Name
▶ Speed alarms	safedispatchtest@gmail.com	9/22/2015 12:00:00 AM	9/24/2015 12:00:29 AM	Demo102	0	default