

SafeDispatch 5

Administrator's Guide

SafeMobile offers a world of wireless applications that help organizations better manage their mobile assets, fleet and personnel. For more information, see <u>www.safemobile.com</u>.



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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, telemetry and GPS settings, 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.

😹 Login	_ = X								
Language:	English 💌								
Password: *******									
	Login								
Please enter administrator password.									
Ver	rsion: 5.0.0.6114								

- 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.

<u> </u>	Administrative Module	
Users Units Telemetry Settings Gatew	ays Registration Daily reports	^
Add Edit Delete	Delete	
Radio Id//I Name GPS interval Group name	Stolen ? Assign Users to Unit	
🐖 101 Demo101 60	NO Assigned users Unassigned users	
302 Demo102 10	NO default	
	<	



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.

	F						,	dminist	trativ	re Mod	lule									
	9	Users	Units	Telemetry	Settings	Gateways	Registrat	on D	aily	reports	;									^
	A status					Dealle Cata			_			Radio Zone					v Radio Chi			
		ew Gatev		Add		Radio Gate		dd	5	- Add Nr:		Kadio Zone		Add		r: 1	V Radio Chi	annei	Add	ון
	11 1			Aud	Radio I		Voice					Zone Nam	e	Aud			Channel	Name	Add	
					Add Radi	o Gateway fo	r GW ID:			Add 3	Zone f	or Radio G	ateway:		A	dd Ch	annel for Z	one:		
	Id		IP			IP	Im	ei Voi	ice			Nr		Name			Nr		Name	1
			-			-			-	-										4
															1					
	ſ	Delet	e Selected		Edits	elected	Delete S	elected				Delete	e Selecte	ed			Dele	te Selec	ed	
L	_	_	_				_			_	_	_	_		_	_	_	_		

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.

If your radio system is comprised of several base stations, 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.

B	Administrativ	e Module	
Users Units Telemetry	Settings Gateways Registration Daily	reports	^
Add new Gateway	Add new Radio Gateway	Add new Radio Zone	Add new Radio Channel
IP 10.120.1.10 Add	IP 192.168.10.60 Add	Nr: 1 Add	Nr: 1 Add
	Radio Id: 100 🔽 Voice enabled	Name: Zone Name	Name: Channel Name
	Add Radio Gateway for GW ID: 10.120.1.10	Add Zone for Radio Gateway:	Add Channel for Zone:
Id IP	IP Imei Voice	Nr Name	Nr Name
8 10.120.1.10			
Delete Selected	Edit selected Delete Selected	Delete Selected	Delete Selected

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 you already set in the MOTOTRBO CPS and click the **Add** button.



B	Administrati	ve Module	
Users Units Telemetry	Settings Gateways Registration Daily	reports	^
Add new Gateway	Add new Radio Gateway	Add new Radio Zone	Add new Radio Channel
IP 10.120.1.10 Add	IP 192.168.10.60 Add	Nr: 1 Add	Nr: 1 Add
	Radio Id: 100	Name: Europe	Name: Channel Name
	Add Radio Gateway for GW ID: 10.120.1.10	Add Zone for Radio Gateway: 192.168.10.60	Add Channel for Zone:
Id IP	IP Imei Voice	Nr Name	Nr Name
8 10.120.1.10	192.168.10.60 100 1	Name	
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 you already set in the MOTOTRBO CPS and click the **Add** button.



	Administrati	ve Module	
Users Units Telemetry	Settings Gateways Registration Daily	reports	^
Add new Gateway	Add new Radio Gateway	Add new Radio Zone	Add new Radio Channel
IP 10.120.1.10 Add	IP 192.168.10.60 Add	Nr: 1 Add	Nr: 1 Add
	Radio Id: 100 Voice enabled	Name: Europe	Name: Channel 1
	Add Radio Gateway for GW ID: 10.120.1.10	Add Zone for Radio Gateway: 192.168.10.60	Add Channel for Zone: Europe
Id IP	IP Imei Voice	Nr Name	Nr Name
8 10.120.1.10	192.168.10.60 100 1	1 Europe	
	2		
	8		
Delete Selected	Edit selected Delete Selected	Delete Selected	Delete Selected

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.

	Administrat	ive Module	
Users Units Telemet	y Settings Gateways Registration Dail	/ reports	^
		-	
Add new Gateway	Add new Radio Gateway	Add new Radio Zone	Add new Radio Channel
IP 10.120.1.20 Add	IP 192.168.10.50 Add	Nr: 2 Add	Nr: 1 Add
	Radio Id: 100 Voice enabled	Name: Asia	Name: Channel 1
	Add Radio Gateway for GW ID: 10.120.1.10	Add Zone for Radio Gateway: 192.168.10.60	Add Channel for Zone: Europe
Id IP	IP Imei Voice	Nr Name	Nr Name
8 10.120.1.10	1 168.10.60 100 1	1 Europe	1 Channel 1
9 10.120.1.20			
	Confirm delete	x	-
	Are you sure	you want to delete Gateway 10.120.1.10 ?	
	3 Yes	No	
Delete Selected	Edit selected Delete Selected	Delete Selected	Delete Selected



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.

Æ	3						Adm	inistrati	ve Module							X
	۲ (Users	Units	Telemetry	Setting	Gateways	Registration	Daily	reports							^
		/ Gatew			l Andre a	ew Radio Gate			Andreas	v Radio Zone			A stat as a	v Radio Chanr		
		120.1.20	·	Add		192.168.10.40			Nr: 2	w Radio Zone		Add	Nr: 1	V Radio Chanr	Add	
	101.			7100		o Id: 100	Voice enat	_	Name:	Asia		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Channel 1	7.00	31
					Add Ra	idio Gateway fo	or GW ID: 10.120	.1.10	Add Zone	e for Radio Ga	ateway:	192.168.10.60		annel for Zon	e: Europe	
I	d		IP			IP	Imei	Voice		Nr		Name		Nr	Name	
	_	10.120.1			192.168		100				1 E	Europe			1 Channel 1	
	9	10.120.1	1.20		-			_								
		Delete	e Selected		Ed	it selected	Delete Selec	ted		Delete	Selecte	d		Delete	Selected	
	-		_	_				_								

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 5

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

3.1 Register the MOTOTRBO Gateway

To register the MOTOTRBO Gateway:

- 1. On the main menu, click the **Registration** tab.
- 2. On the Gateway section, enter the IP address of the computer where the MOTOTRBO Gateway application is running.

	Administra	ative Module					• ×
Users Units Telemetry Setting	s Gateways Registration Da	ily reports					
Gateway	SafeDispatch						
10.120.1.10		GPS 🔲 SMS	Reports	🖌 Voice 📃 Ge	o-Fence 🔽 Ala	rms Goog	le '
Available 1	Remaining on dongle	1 1	1	1	1	1	1
New Update Delete	New		Update			Delete	
IP	IP GPS	SMS	Reports	Voice	Geo-Fence	Telemetry	Map type
11*	IF GP5	SIMS	Reports	voice	Geo-rence	relementy	Map type

3. Click the **New** button. The previously entered gateway is now registered.



8		Admi	nistrative M	odule					
Users Units Telemetry Setting	s Gateways	Registration	Daily repo	orts					^
Gateway	SafeDispatch								
10.120.1.10			GPS	SMS	Penorts	Voice 🔲	ieo-Fence 🔽 Ala	irms Goog	le 🔻
Available 0	Remaini	ng on dongle	1	1	1	1	1	1	1
New Update Delete	Kennah	New	-		Update			Delete	
			1					berete	
IP	IP	GPS		SMS	Reports	Voice	Geo-Fence	Telemetry	Map type
10.120.1.10									

3.2 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

(Fill)		Administ	rative Module					• ×
Users Units Telemetry Setting	is Gateways R	egistration Da	aily reports					^
Gateway	SafeDispatch							
10.120.1.10	10.120.1.50		GPS 🔽 SMS	Reports	Voice 🗸 Ge	o-Fence 🔽 Ala	rms Goog	le 🔻
Available 0	Remaining		1 1	1	1	1	1	1
New Update Delete		New		Update	•		Delete	
New Opdate Delete		INEW					Delete	
IP	IP	GPS	SMS	Reports	Voice	Geo-Fence	Telemetry	Map type
10.120.1.10								



Gateway 10.120.1.										
10.120.1.			SafeDispatch							
			10.120.1.50		GPS 🔽 SMS		Voice 🔽 Ge			gle
	ilable 0		Remaining o		0	0 0	0	0	0	
New		elete		New		Update			Delete	
	IP		IP	GPS	SMS	Reports	Voice	Geo-Fence	Telemetry	Map t
10.120.1.1	0		♦ 10.120.1.50							

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

3.3 Update registered gateway

- 1. On the main menu, click the **Registration** tab.
- 2. From the list of registered gateways, select the gateway you want to modify.
- 3. On the Gateway section, modify the gateway IP address and click the **Update** button.

Gateway
10.120.1.30
Available 0
New Update Delete
IP
 10.120.1.10



3.4 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.

	afeDispatch		_												
1	10.120.1.50		🔽 GP	s [SMS	🔽 Rej	ports	Voice	🖌 Ge	o-Fence	🔽 Alaı	rms	Goog	jle	Ψ.
	Remaining or	dongle		0	0		0	(0		0			0
	New Update Delete														
	IP	GPS	5	s	MS	Rep	orts	Vo	ice	Geo	-Fence	Telen	netry	Map ty	/pe
+	10.120.1.50			[v		2	[-	[•		2	Google	

3.5 Unregister Gateway

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

3.6 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 5 users:

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

SafeDispatch 5 has two predefined users: a dispatcher (a user who logins into SafeDispatch) and an administrator (who logs into the Administrative module).

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.

😹 Users Form	_ =	X
User Type	Dispatcher -	
Login Name		
Password		
Confirm Password		
First Name		
Last Name		
Exit	Add]

- 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, Geofences 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.



			A	dmini	trative Module			
Users	Units Telemetry	Settings Ga	teways Registrati	on I	aily reports		^	
	dit Delete	Save Settings Settings						
User Type	User Name	First Name	Last Name	Id	Assign Units to User			
Dispatcher	default	default	default	2	Assigned units to oabo		Unassigned Units	
Dispatcher	oabo	Bota	Oana	3			Demo101	
Admin	administrator	administrator	administrator	1			Demo102	
Start Lng. 26. Start zoom 16 Units km		History Compute a Play Time 20 Pause Time 20	¢ 00 ¢			~~		
	hour 🔹	Min speed	•		Assign Gateways to User			
Display only update in 8	Live Assigned Gateways to oabo Unassigned Gateways Display only units with last GPS Unit pictures							

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.

🕵 Users Form	_ = ×
User Type	Dispatcher 🔹
Login Name	oabo
Password	*****
Confirm Password	*****
First Name	Bota
Last Name	Oana
Exit	Edit

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 5 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 Motorola CPS and click the **Add group** button.

😹 Add new group	_ = X
New group name: Europe	CPS ID: 0 🗘
Groups	
Group 1	
Europe	
Exit	Add group

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.

🞉 Edit group		_ = ×
Edit group name:	European units	CPS ID: 1
Groups		
Group 1		
Europe		
Exit		Edit group

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.

😹 Delete group			-	X
Group name:	Group 1	CPS ID:	0	÷
Groups				
Group 1				
European units				
Exit		Delete gr	oup	٦

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.

🕵 Units settings			-		×
Radio Id Unit Name]
User	oabo			•	
GPS reporting interval (min 10)	60	\$ s	seconds	
		Advanced	setti	ngs	
Group	none			*	
Unit icon:	Ambula	nce	Ŧ	1000	;
Exit		A	Add		

- Enter the Radio ID as set in the Motorola CPS, enter the Unit Name and from the User dropdown 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 <u>Advanced settings</u> 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 hear 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.

5.5 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.

😹 Units settings			_ = ×
Radio Id	101		
Unit Name	Demo101		
GPS reporting interval () 🗘	seconds tings
Group	none		-
Unit icon:	truck5		- 🧊
Exit		Save	

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.

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.

A	Administrative Mo	dule		
Users Units Telemetry Settings	Gateways Registration Daily repo	ts		^
Save Settings				
Demo101 Settings for unit:Der	no101			
Demo102 — Emergency Alarms	Geo-Fences and Landmarks	Speed Alarm	E-Mail	
Emergency Lone worker Popup Sound	Geo-Fence	Speed Max Speed: mph km/h Popup Sound	Send Alarm on E-Mail Email for alarms: mail@server.com	
Digital1	Digital2 Digit	al3Digital4	Digital5	
Alarm	Alarm		Alarm	
IN	• IN • IN	- IN	• IN •	
High	▼ High ▼ High	✓ High	• High •	
Name1	Name2 Nam	e3 Name4	Name5	
	Alarm type:	Popup 🗸 Sound		

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 5 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.

		Administra	ative Module				
Users Units Te	elemetry Settings Gate	ways Registration Da	ily reports				^
Save Settings							
	Settings for unit:Demo101						
Demo102	Emergency Alarms	Geo-Fences and Landmar	ks Speed Al	arm	E-Mail		
	Emergency	Geo-Fence		eed eed: 60 • km/h	✓ Send Email fo	Alarm on E-Mail r alarms:	
	 ✓ Popup ✓ Sound 	 ✓ Popup ✓ Sound 	✓ Po ✓ So		mail@se	rver.com	
	Telemetry						
2	Digital1	Digital2	Digital3	Digital4		Digital5	
	Alarm	Alarm	Alarm	Alarm		Alarm	
	IN 👻	IN 👻	IN 👻	IN	*	IN ·	
	High 💌	High 🔹	High 🝷	High	•	High 🔻	
	Name1	Name2	Name3	Name4		Name5	
		Alar	m type: 👽 Popup	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 5 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.

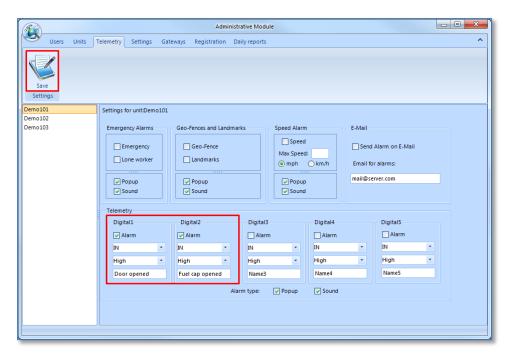
Telemetry example: Controlling the door open/closed state

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.

NOTE: The icon image size should be 32x32.

B	Administrative Module	
Users Units Telemetry Setting Save Settings Settings	Gateways Registration Daily reports	<u> </u>
Email Server	Database Backup Refresh	Icons Manager Choose icon type:
User Name mail@gmail.com		Add Icons Icon Name Ione worker
Password ******		Browse
Confirm Password		Add New Icon Delete Icons Icon from database
Acknowledge ALL Alarm	Status: Backup Restore	Ambulance

- 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.



😹 Units settings	_ = X
Radio Id	101
Unit Name	Demo101
GPS reporting interval	(min 10) 60 = seconds Advanced settings
Group	none 🔻
Unit icon:	Ione worker
Exit	Save

9. 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

- 1. On the **Main** menu click the **Settings** tab.
- 2. 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 Telemetry Settings	Gateways Registration Daily reports	^
Save Settings Settings		
Email Server	Database Backup	Icons Manager
✓ Enable User Name bota.oana@gmail.com Password Confirm Password	Refresh	Choose icon type: Units Places Add Icons Icon Name Browse Add New Icon
Alarm Settings Acknowledge ALL Alarm	Status: Backup Restore	Delete Icons Icon from database bigcar0 Delete Selected Icon

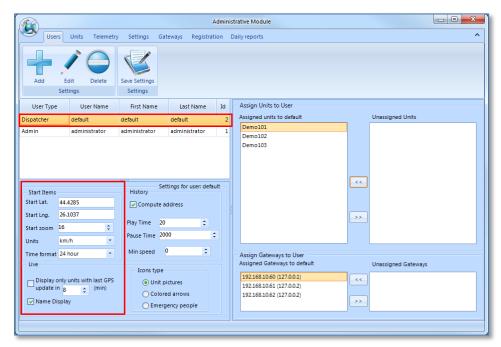
A pop-up prompts you to confirm deletion.

3. 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.



			А	dmini	trative Module		
Users Users	Units Telemetry	/ Settings Ga	teways Registrati	on	Daily reports		^
	idit Delete	Save Settings Settings					
User Type	User Name	First Name	Last Name	Id	Assign Units to User		
Dispatcher	default	default	default	2	Assigned units to default	_	Unassigned Units
Admin	administrator	administrator	administrator	1	Demo101 Demo102		
					Demo103		
	4285	History Compute a	ttings for user: defau ddress	ilt –		<<	
Start zoom 16	\$	Play Time 20 Pause Time 20				>>	
Units km Time format 24		Min speed			Assign Gateways to User		
Live		-Icons type			Assigned Gateways to default	_	Unassigned Gateways
Display only update in 8 Vame Displa	•	 Unit p Colore 			192.168.10.60 (127.0.0.1) 192.168.10.61 (127.0.0.2) 192.168.10.62 (127.0.0.2)	<< >>	

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.



(F)	Adn	inistrative Module	
Users Units Telemet	ry Settings Gateways Registration	Daily reports	^
Add Edit Delete	Save Settings		
Settings	Settings		
User Type User Name	First Name Last Name I	Assign Units to User	
Dispatcher default	default default	2 Assigned units to default	Unassigned Units
Admin administrator	administrator administrator Settings for user: default History Compute address Play Time 20 Pause Time 200	1	Demo101 Demo102 Demo103
Units km/h Time format 24 hour Live Display only units with last GPS update in 8 (min) Name Display	Min speed 0 >	Assign Gateways to User Assigned Gateways to default 192.168.10.60 (127.00.1) 192.168.10.61 (127.00.2) 192.168.10.62 (127.00.2)	Unassigned Gateways

The selected units will be assigned to the specific user.

Administrative Module							
Users	Units Telemetry	/ Settings Ga	teways Registrati	on D	aily reports		^
	Edit Delete	Save Settings					
User Type	User Name	First Name	Last Name	Id	Assign Units to User		
Dispatcher	default	default	default	2	Assigned units to default]	Unassigned Units
Admin	administrator	administrator	administrator	1	Demo101 Demo102		
					Demo102 Demo103		
Start Lng. 26 Start zoom 16	n/h 🔹	History Compute a Play Time 20 Pause Time 20	\$		Assign Gateways to User	<< >>	
Live					Assigned Gateways to default		Unassigned Gateways
Display only update in 8	•				192.168.10.60 (127.0.0.1) 192.168.10.61 (127.0.0.2) 192.168.10.62 (127.0.0.2)	<< >>	



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 **Telemetry** 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.

	Administr	ative Module			• ×
Users Units Telemetry Settings Gat	eways Registration Da	ily reports			^
Save Settings					
Demo101 Settings for unit:Demo101 Demo102					
Emergency Alarms	Geo-Fences and Landmar	ks Speed Alarm	E-Mail		
Emergency	Geo-Fence	Speed Max Speed mph	l: Send	Alarm on E-Mail r alarms:	
✓ Popup ✓ Sound	✓ Popup ✓ Sound	Popup		rver.com	
Telemetry					
Digital1	Digital2	Digital3	Digital4	Digital5	
Alarm	Alarm	Alarm	Alarm	Alarm	
IN -	IN •	IN 👻	IN 👻	IN 👻	
High 🔻	High 💌	High •	High 👻	High •	
Name1	Name2	Name3	Name4	Name5	
	Alar	m type: 🔽 Popup	Sound		

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.



Administrative Module	
Users Units Telemetry Settings Gateways Registration Daily reports	^
Email Server Database Backup Enable Refresh User Name mail@gmail.com Password ******* Confirm Password ******* Alarm Settings Status: Acknowledge ALL Alarm Backup Refresh Refresh	Kons Manager Choose icon type: Units Places Add Icons Icon Name Browse Add New Icon Delete Icons Icon from database Ambulance Stelete Selected Icon

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).

NOTE: The E-mail server assigned to SafeDispatch must be Gmail.

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



	Administrative Module	
Users Units Telemetry Settings	Gateways Registration Daily reports	~
Email Server Email Server Image: Server Se	Database Backup Refresh Status: Backup Restore	Icons Manager Choose icon type: Units Places Add Icons Icon Name Browse Add New Icon Delete Icons Icon from database Ambulance Delete Selected Icon Delete Selected Icon

- 4. On the **Main** menu, click the **Telemetry** tab.
- 5. Select the unit from the list on the left side of the page.
- 6. On the E-mail section, select the **Send Alarm by E-mail** checkbox.
- 7. 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.

		Administra	ative Module				
Users Units 1	Telemetry Settings Gate	ways Registration Da	ily reports				^
Save Settings							
Demo101	Settings for unit:Demo101						_
Demo102	Emergency Alarms	Geo-Fences and Landmark	ks Speed Alarm		E-Mail		_
	Emergency	Geo-Fence	Speed Max Speed mph	:		Alarm on E-Mail r alarms:	
	✓ Popup ✓ Sound	 ✓ Popup ✓ Sound 	✓ Popup ✓ Sound		mail@se	rver.com	
	Telemetry						
	Digital1	Digital2	Digital3	Digital4		Digital5	
	Alarm	Alarm	Alarm	Alarm		Alarm	
	IN 👻	IN 👻	IN ·	IN	*	IN 👻	
	High •	High 🝷	High •	High	-	High •	
	Name1	Name2	Name3	Name4		Name5	
		Alar	m type: 🔽 Popup	V Sound			
[

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.