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# SafeDispatch Mobile<sup>\*\*</sup> User Manual

#### Welcome to SafeDispatch Mobile™

SafeDispatch Mobile<sup>™</sup> Software provides remote access to your MOTOTRBO<sup>®</sup> (DMR) and/or TETRA<sup>™</sup> radio fleets via IP networks and is designed primarily to function as an Android-based mobile dispatch center, with a number of voice and data capabilities including:

SafeMobile<sup>®</sup> provides an easy to understand user interface, modular suites with integrated tools to track employees and vehicles, real-time location information, routing, scenario analysis, tracking information and enhanced reporting.

This guide assumes that you have already successfully installed and set=up your SafeDispatch Mobile<sup>™</sup> software and that you are familiar with Android Operating Systems. It does not explain things such as how to use dialogue boxes, wizards, or the Android Market.

This guide shows you how to get started with SafeDispatch Mobile<sup>™</sup>. It explains:

- Important concepts related to the integrated tool sets within SafeDispatch<sup>™</sup> software.
- The overall processes you must perform to set up your selected suites.
- Basic information about the most important tasks you must perform to set-up and run.

Full details about advanced tasks and specific dialogue boxes are available in the online help forum or one-on-one through your Technical Consulting Service Package.



SafeDispatch Mobile<sup>™</sup> is your first Androidbased mobile command and control center.

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Comments? Please email all comments on this document to: support@safemobile.com.

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#### Installation

Below are quick steps to install the SafeDispatch Mobile<sup>™</sup> App:

- 1. Copy the APK file to your Android based tablet's memory card and insert the card into your phone.
- 2. Click and install your APK files.

S	Safe	Di	me t Spa bile	atc	h <b>safem</b> a	0		1		
					Welcome to SafeDispatch Mobile! You have to set the IP where the APPServer Mobile is installed. 86.121.48.25 And the communication port 13589 Cancel OK				/	
Settings					© Safemobile, Inc. All Rights Reserved					Save as Default
÷	仚	ā	E	=			ки Ки	Ŷ		11:33 🔻 🕯

Figure 1 IP& Port Settings

Prior to launching the SafeDispatch Mobile<sup>™</sup> App, you will need to install the Application Server on a remote PC; this program will come as an add-on to your SafeDispatch<sup>™</sup> Application already installed on your PC.

- 1. You need to insert the IP and the port where the Application Server Mobile is installed.
- 2. Click OK.

If you have inserted a wrong IP or you have no wireless connection, you will be prompted with the following error:

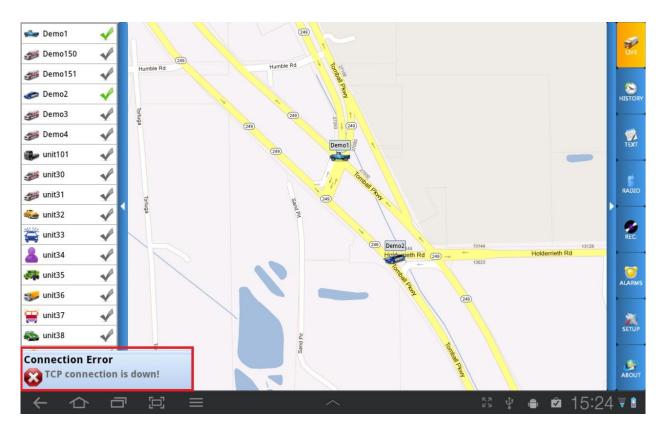


Figure 2 TCP connection down

#### Starting SafeDispatch Mobile™

In the Log-in window, enter a Username and Password.

Both are created when you have installed the Administrative Module.



Figure 3 Starting Screen SafeDispatch Mobile

Logi

Username SDMobile Password ·····

Select the language setting you prefer.

The default language is English.

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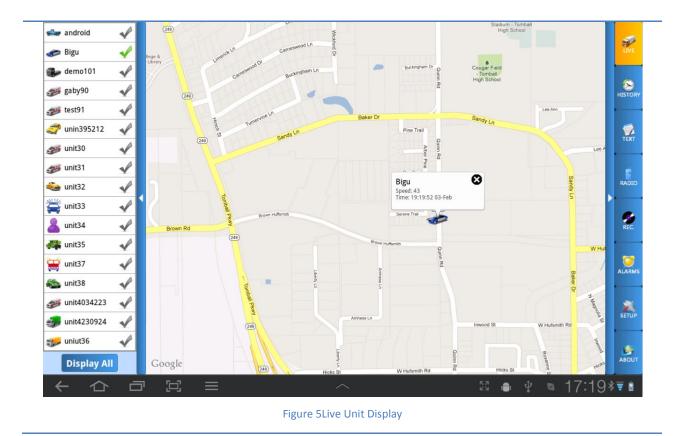
#### Using SafeDispatch Mobile™

#### Live Tracking

#### SafeDispatch Mobile<sup>™</sup> WORKSPACE

The SafeDispatch Mobile<sup>™</sup> Workspace opens Live and contains a Mapping Area. [Fig.5], shows the tabbed Main Menu Navigation Bar and the Unit Control Menu.

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#### A. MAPPING AREA

The Mapping Area is where SafeDispatch Mobile<sup>™</sup> interacts with Google Maps or other mapping options, to display the location of your units on the map.

The +/- Buttons within this screen allow you to zoom in and out within the selected map. You can Pan the map by dragging within the Mapping Area to your desired viewpoint. The "Map View Tools" allow you to change your view based on the information that you need from the map.

*Map:* shows street map detail *Satellite:* shows satellite imagery *Hybrid:* shows street map with terrain information

#### B. Main Menu

The Main Menu contains tabs where your specific settings and configurations will be stored. You will utilize the tabs to access your data, communicate with your fleet, and to report information related to your business.

Navigation Bar Tabs:[Fig. 6]



*Live* - Track your mobile assets.

*History* - View the tracking history of your assets.

*Text Messaging* - is where you can send/receive text messages to/from different units enabled with the text messaging function.

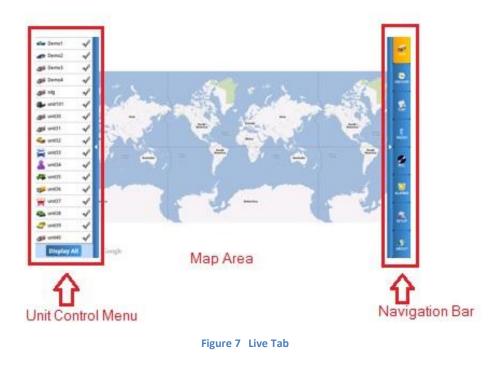
*Radio* -is where you can use Voice over IP to communicate with other users.

*Rec*-Record and playback calls.

*Alarms* -Be notified when an emergency situation arise.

Setup - is where you can select language and set up IP and port.

*About* - specify the SafeDispatch Mobile<sup>™</sup> version running on your Android based tablet in an email to our support contact <u>support@safemobile.com</u>.



#### C. Unit Control Menu

The Unit Control Menu provides the means to view your selected units on the map. You can input any number of units; select to view each individually on the map.

Click the Display button to see your units.

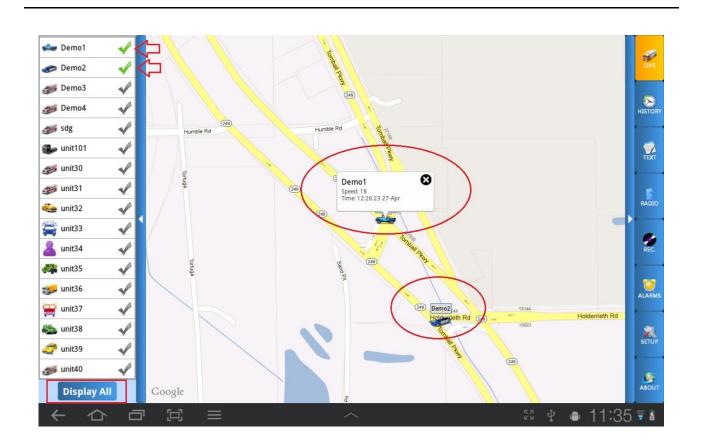
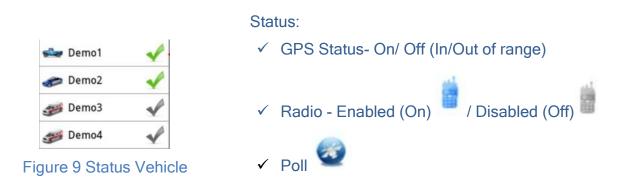


Figure 8 Live Vehicle Display

I. The *Status Indicators* are the colored signs next to each unit in the Unit list.



II. The Unit Options Menu can be accessed by long clicking the desired unit to select status

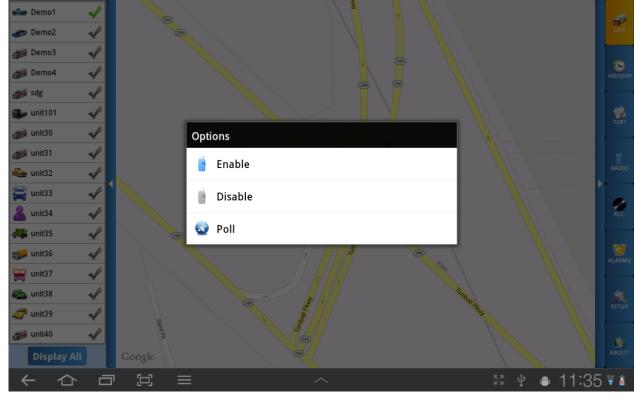
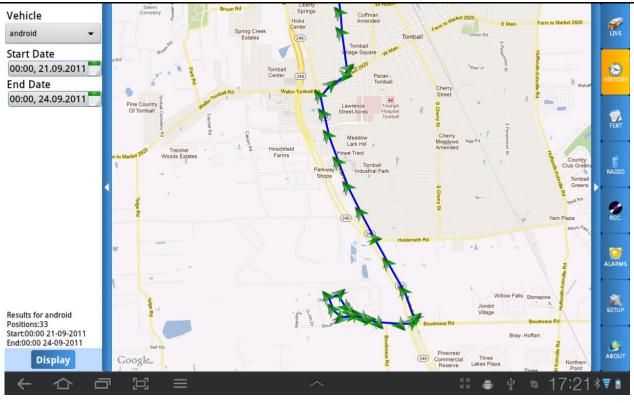


Figure 10 Vehicle Options

#### History

The History Tab is where your specific unit's historical information is stored. You will utilize this tab to access the route data. Locate the History Tab on the Main Menu.



#### Figure 11 History Tab

#### How to Access the Route Data for a Unit, During a Defined Period

A. Select Unit (s) & Interval

Vehicle	
Demo1	•
Start Data	
00:00, 21.09.20	011
End Date	
00:04, 21.09.20	011 🗂

- Select the Unit name for the historical data you wish to view Fig[12]
- Select interval Fig[13] : End date must be greater than start date Fig[14]
- ➤ Click OK.

The routes with all the GPS transmission points are displayed on the map. Arrows indicating the unit heading (N, S, E, W) Fig[15]

Vehicle Demo1 👻		Select Username		LIVE
Start Date 00:00, 21.09.2011		Demo1	_	
End Date 00:04, 21.09.2011		Demo150		HISTORY
		Demo151		TEXT
	ope S	Demo2	North* America	ŧ
		Demo3	South	RADIO
		Demo4	Soon America	REC.
		unit101		ALARMS
	rctica	unit30	1 5 81	ALARMS
		unit31		
		unit32		ABOUT
Display	Google			
	ז בי ∃	= ^	🛛 🕸 🖷 🛍 15:23	3 🗑 😫

Figure 12 Select Username



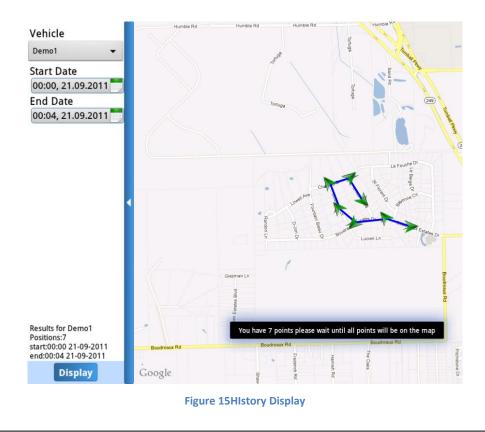
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If there is no tracking history for the selected vehicle, an error data will display:



Figure 14 Data Error

The process of displaying all the GPS transmission points could take some time; in this case, a pop-up will display:



Clicking a position will display a tape indicating the movement speed, time and address, all corresponding to that tracking history point.

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Figure 16HIstory info

#### **Text Messaging**

#### Write a New Message

#### To send a new text,

Select the vehicle from the drop down list Fig[20]

	Select Vehicle	+	4
unit101 : safemobile	Demo1	11:20:50	LIVE
	Demo150	Apr-20 15:01	HISTORY
	Demo151		
Demo1:http://www.airadio.com	Demo2	Mar-27 18:12	-
	Demo3		TEXT
	Demo4		-
	unit101		
	unit30	•	,
	unit31		REC.
	unit32		REC.
	unit33		
	unit34		
	unit35		-
	unit36		
	unit37		-
	unit38		ABOUT
	$\equiv$ $\land$	💱 🌵 🖷 12:21	7

Figure 17 Select Vehicle Text Tab

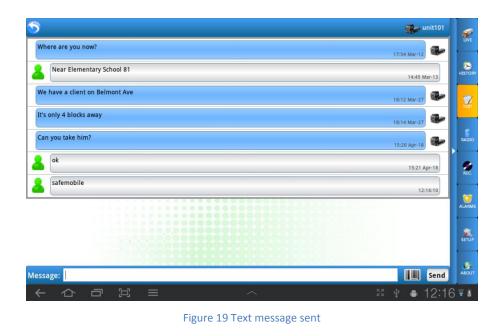
Write your message into the available edit field.

Note: Messages are limited to 140 characters.



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Click Send button.



After you have sent a text message, you'll receive a sending confirmation. You will also be notified if the other user has not yet received your message.

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Anot ACK	12

Figure 20 Message not ACK

If the unit has received your message, the conversation window will appear as below:

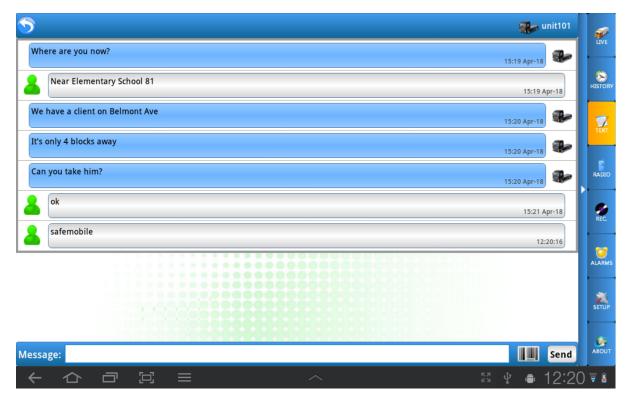


Figure 21 Message with ACK



#### Radio - VoIP

The Radio Tab allows you to communicate with other unit(s) in the field. This feature lists all units that are configured to send and receive Voice Communication.

19:10.120.1.180 📑 192.168	.10.140 - Status:	E.
		HESTORY
Zone	Z1 v Channel	Ch3 V
Zone	Select RadioGW 192.168.10.160	Lins V
All Call Group	192.168.10.140	2
Private	Call	Dekey
		Asour
	= ^	≋ ⊉ ● 13:59 ₹≰

Figure 22Select Radio Gateway

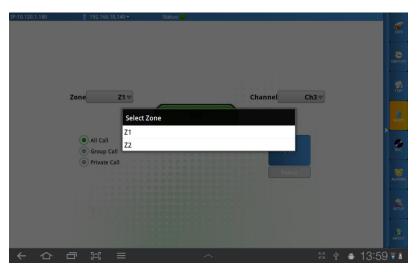


Figure 23Select Zone

IP:10.120.1.180	🎽 192.168.10.140 <del>-</del>	Status:		
				LIVE
				HISTORY
	Zone Z	channel	Ch3	TEXT
	Select Ch Ch1	annel		RADIO
	All Call Group Call Ch2 Ch2 Ch3 Ch4			REC.
	Private Call Cn4	Del	xey	ALARMS
				SETUP
				ABOUT
$\leftarrow \triangle$	o 12 =	~	🖓 🜵 🖨 14:00	₹8

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Figure 24 Set Channel

#### A. Initiate a call

In this example, we are on Channel 3, with contact name Demo1.

- Select the user name from the drop down list.



#### Figure 25 Select User Radio

- Select the Call Type:

- ✓ All Call: the entire fleet
- ✓ Group Call: fleet groups



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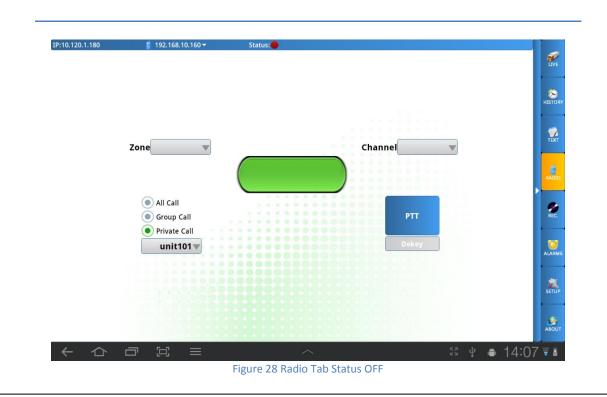
✓ Private Call: individual unit Then, Click PTT button.



Figure 26 Private Call



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#### B. Receiving a Call

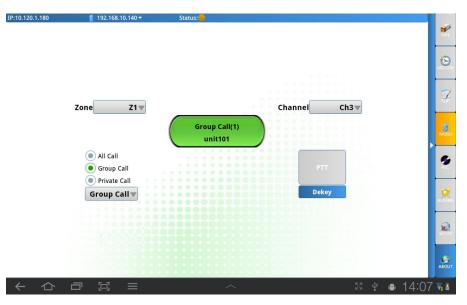
When you have an incoming call, select the PTT button to talk.

To clear the channel, or disconnect, click the DeKey button

Dekey

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E



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Figure 30 Receive a call

#### C. Recording Calls

Calls received through the Radio Suite are recorded.

ame	start	Stop	
SDMobile	18:04:24 Apr-20	18:04:39 Apr-20	
SDMobile	18:03:37 Apr-20	18:03:40 Apr-20	H
SDMobile	18:03:25 Apr-20	18:03:28 Apr-20	н
SDMobile	23:42:52 Apr-18	23:42:56 Apr-18	HE
SDMobile	23:42:31 Apr-18	23:42:44 Apr-18	
unit101	18:26:35 Apr-18	18:26:40 Apr-18	
SDMobile	18:25:55 Apr-18	18:26:03 Apr-18	
SDMobile	18:25:45 Apr-18	18:25:50 Apr-18	
SDMobile	18:25:41 Apr-18	18:25:44 Apr-18	
unit101	18:25:31 Apr-18	18:25:42 Apr-18	•
SDMobile	18:25:19 Apr-18	18:25:24 Apr-18	
unit101	18:22:23 Apr-18	18:22:28 Apr-18	
unit101	18:20:12 Apr-18	18:20:18 Apr-18	F
unit101	18:19:45 Apr-18	18:19:49 Apr-18	AL
unit101	18:19:33 Apr-18	18:19:37 Apr-18	
SDMobile	22:01:21 Apr-17	22:01:25 Apr-17	
SDMobile	21:45:07 Apr-17	21:45:44 Apr-17	
unit101	17:14:18 Mar-28	17:14:22 Mar-28	-
unit101	17:13:51 Mar-28	17:13:55 Mar-28	
unit101	17:13:34 Mar-28	17:13:37 Mar-28	^
	= ^	🖾 🜵 🖨 12:56	

Figure 31 Recordings

You can review recorded messages by selecting the blue Play button Onext to each record in the Recordings Menu.

lame	start	Stop	
SDMobile	18:04:24 Apr-20	18:04:39 Apr-20	e e e e e e e e e e e e e e e e e e e
SDMobile	18:03:37 Apr-20	18:03:40 Apr-20	H
D SDMobile	18:03:25 Apr-20	18:03:28 Apr-20	HIST
SDMobile	23:42:52 Apr-18	23:42:56 Apr-18	HIST
SDMobile	23:42:31 Apr-18	23:42:44 Apr-18	
Dunit101	18:26:35 Apr-18	18:26:40 Apr-18	ТВ
SDMobile	18:25:55 Apr-18	18:26:03 Apr-18	
SDMobile	18:25:45 Apr-18	18:25:50 Apr-18	
SDMobile	18:25:41 Apr-18	18:25:44 Apr-18	RAE
Junit101	18:25:31 Apr-18	18:25:42 Apr-18	-
SDMobile	18:25:19 Apr-18	18:25:24 Apr-18	9
Junit101	18:22:23 Apr-18	18:22:28 Apr-18	RE
Junit101	18:20:12 Apr-18	18:20:18 Apr-18	
Junit101	18:19:45 Apr-18	18:19:49 Apr-18	
Junit101	18:19:33 Apr-18	18:19:37 Apr-18	
SDMobile	22:01:21 Apr-17	22:01:25 Apr-17	Ι.
SDMobile	21:45:07 Apr-17	21:45:44 Apr-17	2 SET
unit101	17:14:18 Mar-28	17:14:22 Mar-28	-
unit101	17:13:51 Mar-28	17:13:55 Mar-28	6
Junit101	17:13:34 Mar-28	17:13:37 Mar-28	ABC
	^	💱 🖞 🖨 12:56	3 🗐 1

Figure 32 Play Recording

#### Alarms

The Alarms Tab provides a list of alarms sent for units listed in the Unit Control menu. Alarms signal after: Geo-fencing / Landmarks Policy (when a subscriber leaves a region or a particular location, the system sends a message and generates an alarm signal for the dispatcher), Speed Policy (when and where a defined speed limit has been exceeded), Emergency Situations that have arisen/ Lone Worker Policy (the dispatcher can set a time interval in which a communication with the radio station user is expected in MOTOTRBO<sup>®</sup> Customer Programming Software - CPS ).

\*In the Administrative Module, Telemetry Tab, you can set up the way SafeDispatch Mobile<sup>™</sup> notifies you of new alarms on the screen, in a separate window, with sound.

Unit Name	Alarm Type	Description	Date and Time
🚺 Demo1	speed	65	Apr-27 12:26
🚺 Demo1	speed	40	Apr-27 12:25
🚺 Demo1	speed	47	Apr-27 12:25
🚺 Demo1	speed	65	Apr-27 12:25
🚺 Demo1	speed	50	Apr-27 12:25
🚺 Demo1	speed	43	Apr-27 12:25
Demo1	speed	36	Apr-27 12:25
🚺 Demo1	speed	43	Apr-27 12:24
🚺 Demo1	speed	43	Apr-27 12:24
Demo1	speed	36	Apr-27 12:24
🚺 Demo1	speed	40	Apr-27 12:23
🚺 Demo1	speed	36	Apr-27 12:23
Demo1	speed	43	Apr-27 12:23
🚺 Demo1	speed	54	Apr-27 12:23
Demo1	speed	58	Apr-27 12:23
🚺 Demo1	speed	68	Apr-27 12:23
🚺 Demo1	speed	40	Apr-27 12:23
🚺 Demo1	speed	36	Apr-27 12:22
🚺 Demo1	speed	65	Apr-27 12:22
R Domo1	snood	5.0	Apr-27 12:22
	: ≡	^	💱 🜵 🖷 12:57 🛡 🕯

Figure 33 Alarms

#### A. Delete an Alarm

You can delete an alarm by clicking the unit.

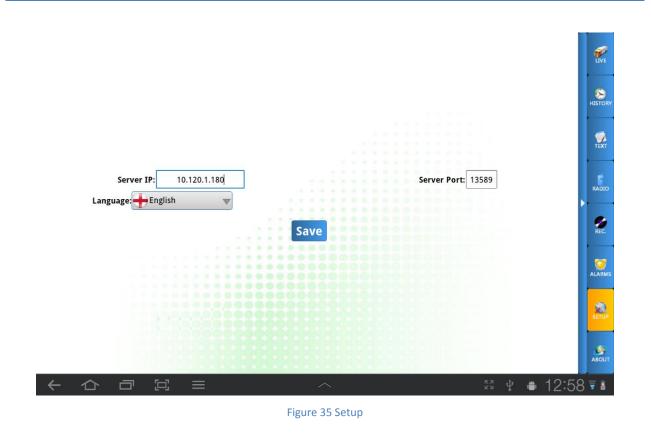
Unit Name	Alarm Type	Description	Date and Time	
🖲 android	speed	43	Feb-03 18:38	LIVE UVE
🖲 android	speed	36	Feb-03 18:35	
🖲 android	speed	50	Feb-03 18:33	8
🖲 android	speed	43	Feb-03 18:33	HISTO
android android	speed	58	Feb-03 18:31	
android android	speed	40	Feb-03 18:31	TEXT
🖲 android	speed	65	Feb-03 18:30	
android android	speed	61	Feb-03 18:30	
🖲 android	speed	36	Feb-03 18:29	RADIO
android android	speed	65	Feb-03 18:29	• •
🖲 android	speed	47	Feb-03 18:28	REC.
android android	speed	65	Feb-03 18:28	, KEC
🖲 android	speed	65	Feb-03 18:23	
🖲 android	speed	47	Feb-03 18:23	
🖲 android	speed	65	Feb-03 18:23	
🖲 android	speed	50	Feb-03 18:22	SETU
android android	speed	43	Feb-03 18:22	SETU
🖲 android	speed	36	Feb-03 18:22	
🖲 android	speed	43	Feb-03 18:22	ABOU
n android	spood	/3	Eab-03 18:00	
	ד בי בי		23 💭 🖞 🕲 .	17:23*7 🔋

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Figure 34 Acknowledge Alarm

#### Setup

- A. Setup the IP and port where your Application Server mobile is running;
- B. Select language.



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#### About Tab

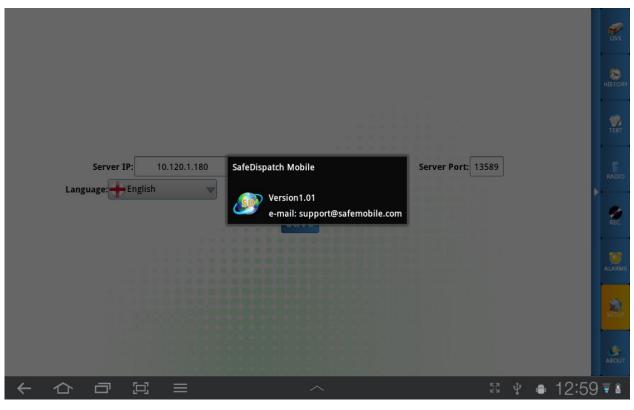
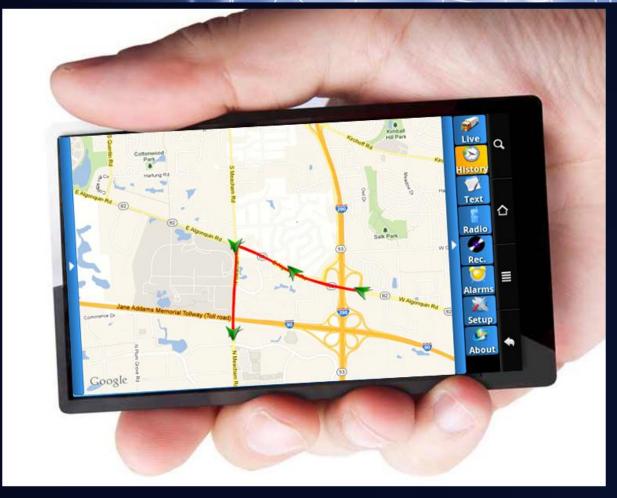


Figure 36 About

If you are in need of assistance with your SafeDispatch Mobile<sup>™</sup> Application, please contact support@safemobile.com and provide the version information as shown on the about tab.

### The Power of SafeDispatch™





### In The Palm of Your Hand