SafeDispatch Mobile™

User Manual

Welcome to SafeDispatch Mobile™

SafeDispatch Mobile™ Software provides remote access to your MOTOTRBO® (DMR) and/or TETRA™ 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® 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™ 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™. It explains:

- Important concepts related to the integrated tool sets within SafeDispatch™ 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™ is your first Android-based mobile command and control center.

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™ 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.
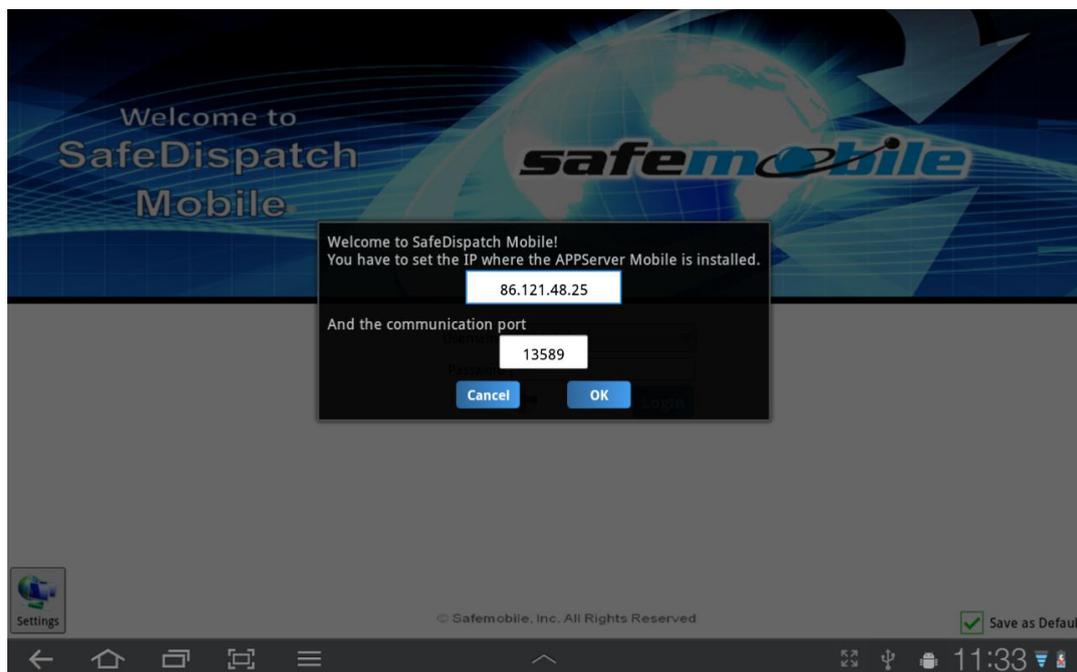
Figure 1 IP& Port Settings

Prior to launching the SafeDispatch Mobile™ App, you will need to install the Application Server on a remote PC; this program will come as an add-on to your SafeDispatch™ 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:
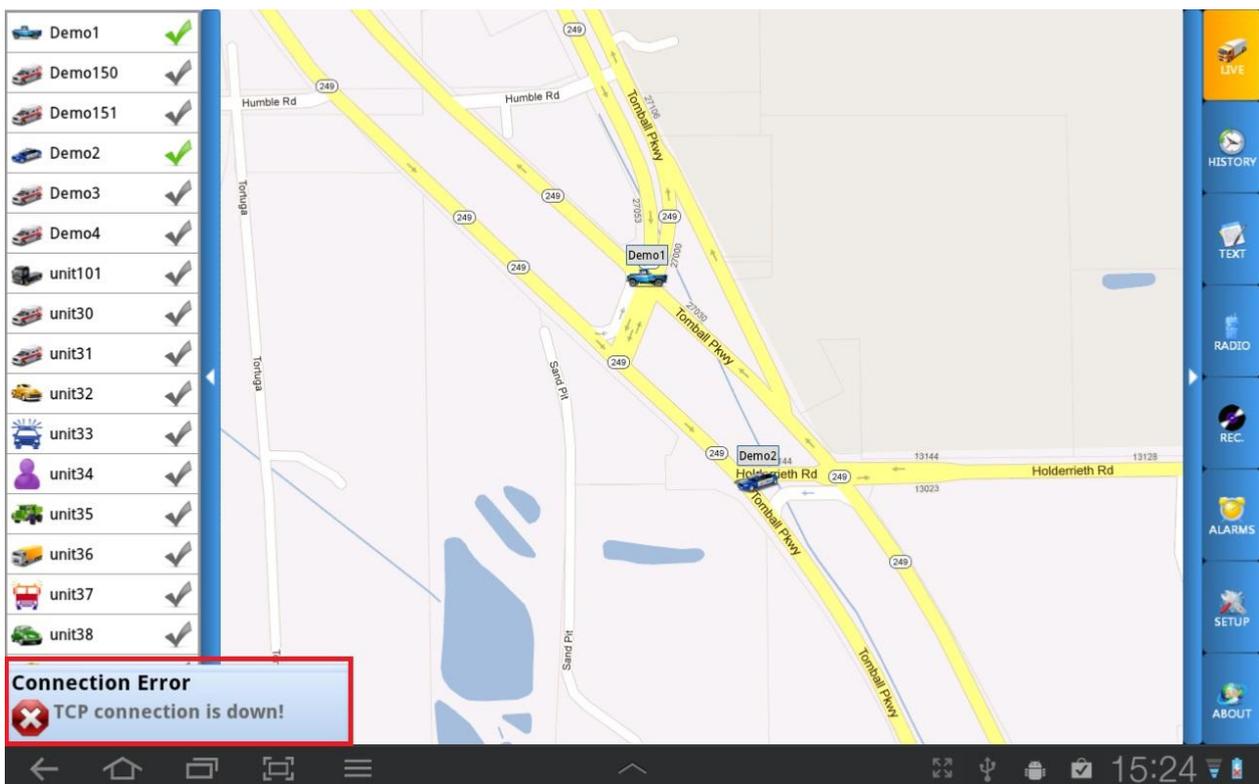

Figure 2 TCP connection down

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

Select the language setting you prefer.   The default language is English.

Figure 4Select language

Using SafeDispatch Mobile™

Live Tracking

SafeDispatch Mobile™ WORKSPACE

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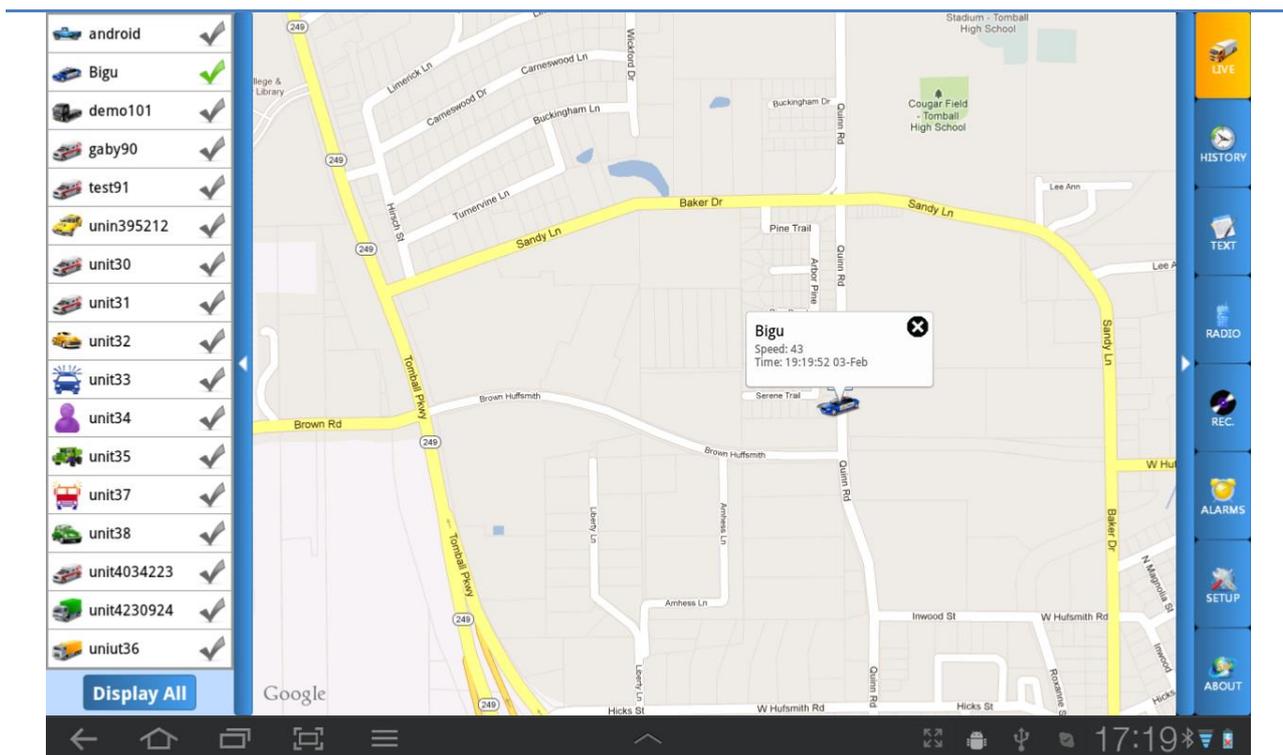
Figure 5Live Unit Display

A. MAPPING AREA

The Mapping Area is where SafeDispatch Mobile™ 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]
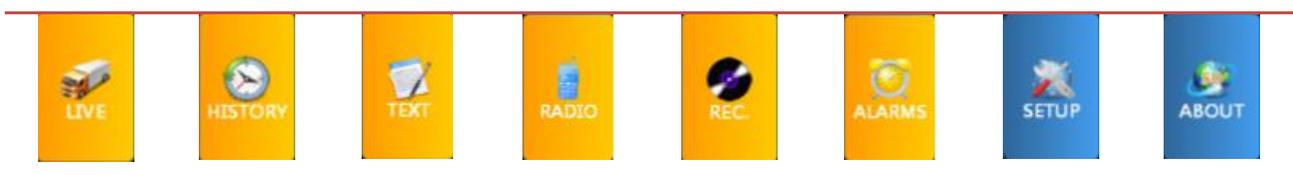
Figure 6 Navigation Bar Tabs

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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™ version running on your Android based tablet in an email to our support contact support@safemobile.com.

Map Area

Unit Control Menu

Navigation Bar

Figure 7   Live Tab

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.
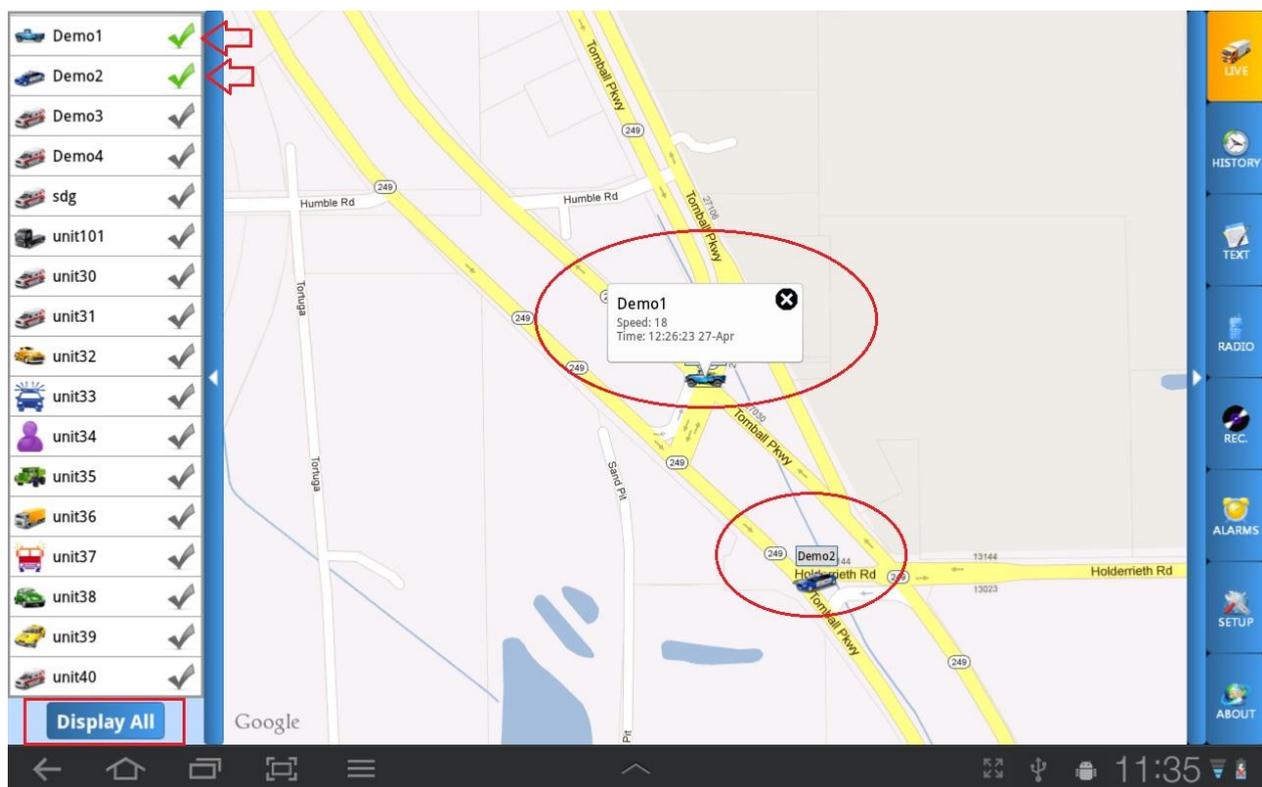
Figure 8 Live Vehicle Display

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

Figure 9 Status Vehicle

Status:

✓ GPS Status- On/ Off (In/Out of range)

✓ Radio - Enabled (On)   / Disabled (Off)

✓ Poll

II. The *Unit Options Menu* can be accessed by long clicking the desired unit to select status
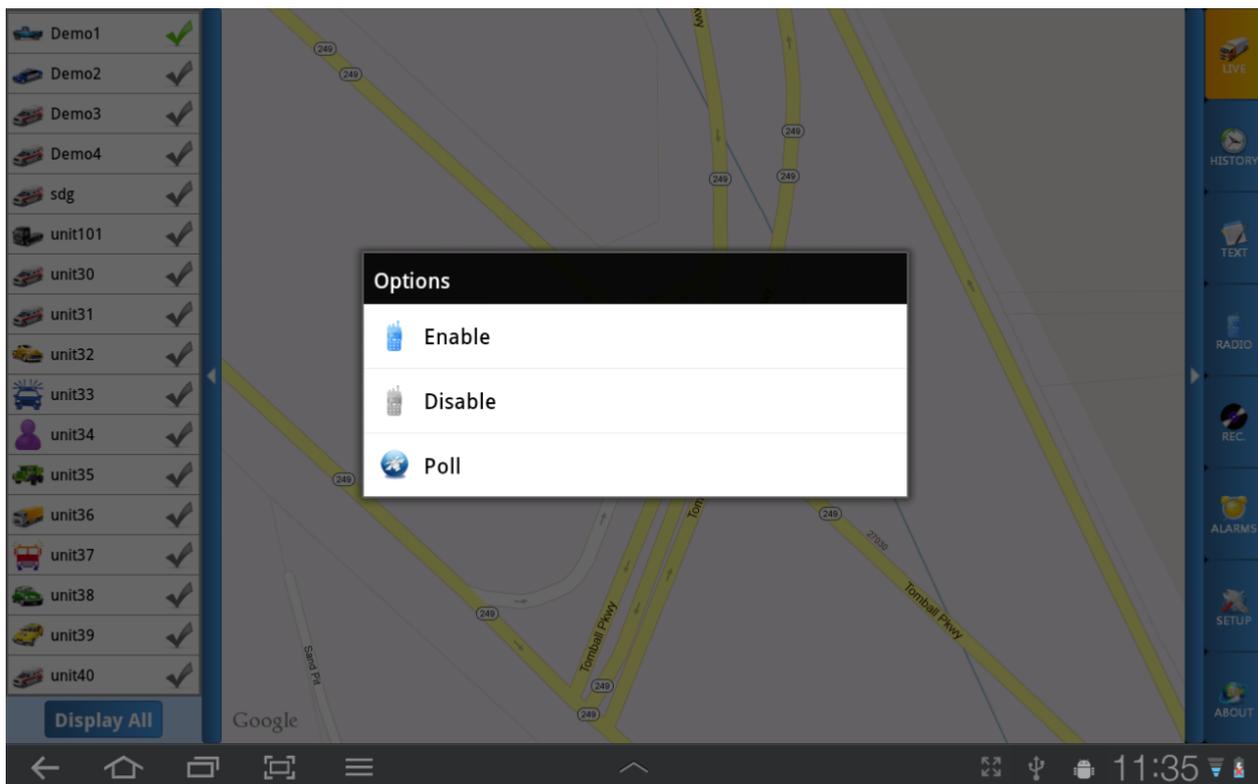
Figure 10 Vehicle Options

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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.
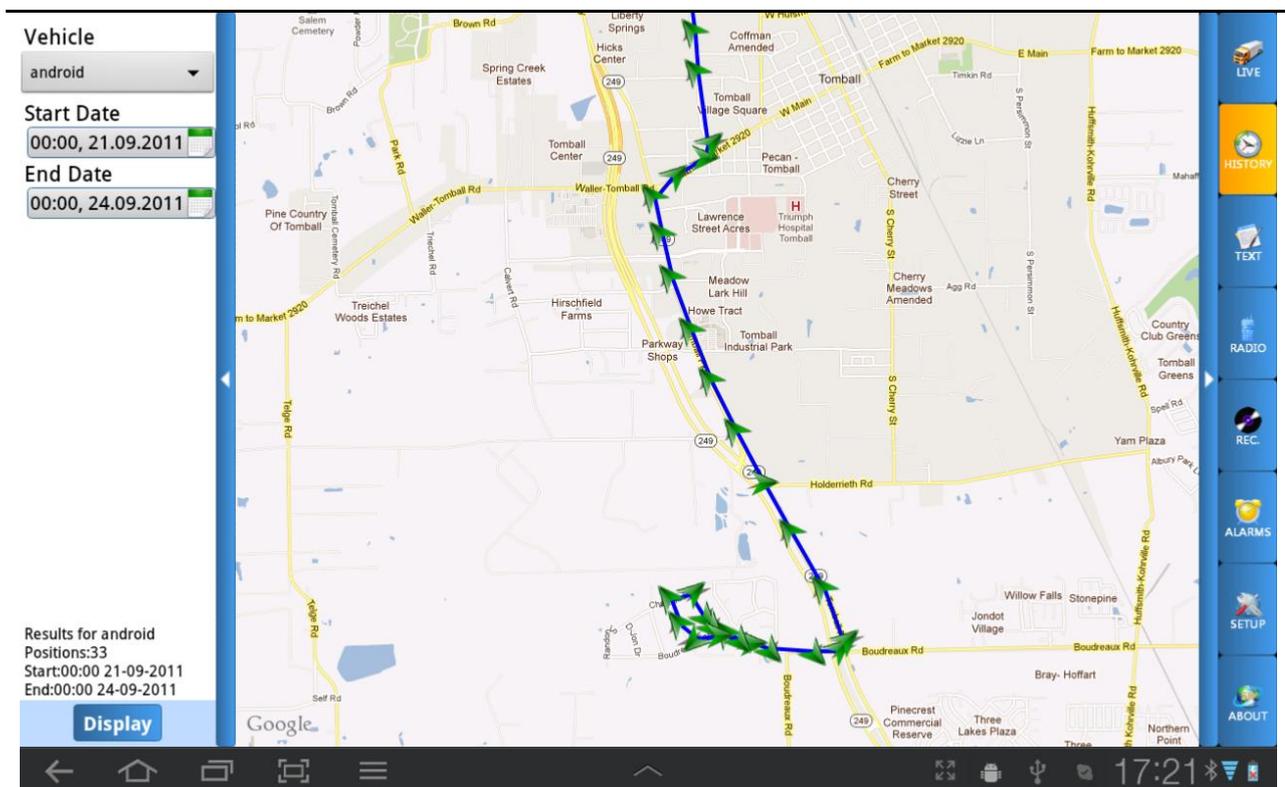
Figure 11 History Tab

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

A. Select Unit (s) & Interval
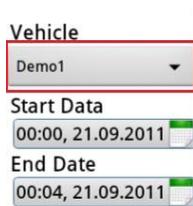
➢ Select the Unit name for the historical data you wish to view Fig[12]

➢ 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]
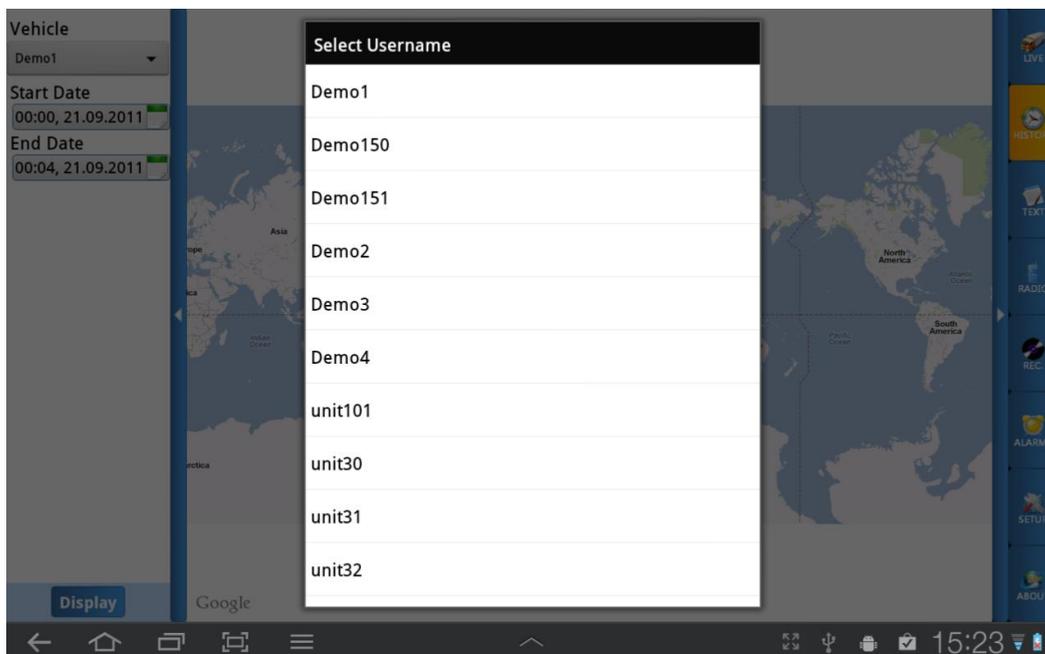
Figure 12 Select Username
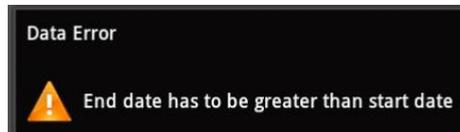
Figure 13 Select interval Error

> 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:
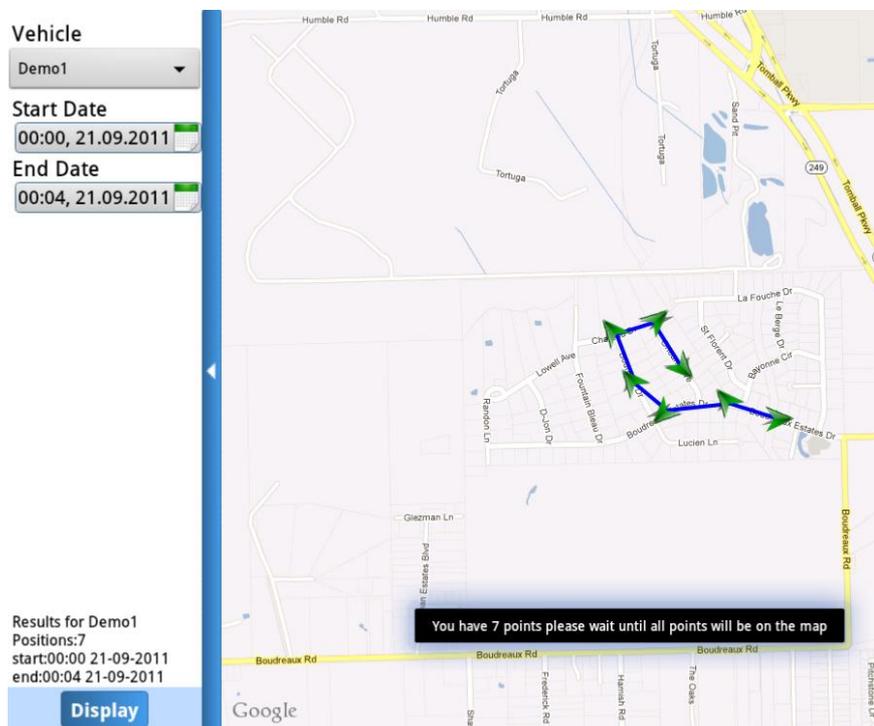
Figure 15HIstory Display

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

Figure 16HIstory info

Text Messaging

Write a New Message

To send a new text,

- Select the vehicle from the drop down list Fig[20]
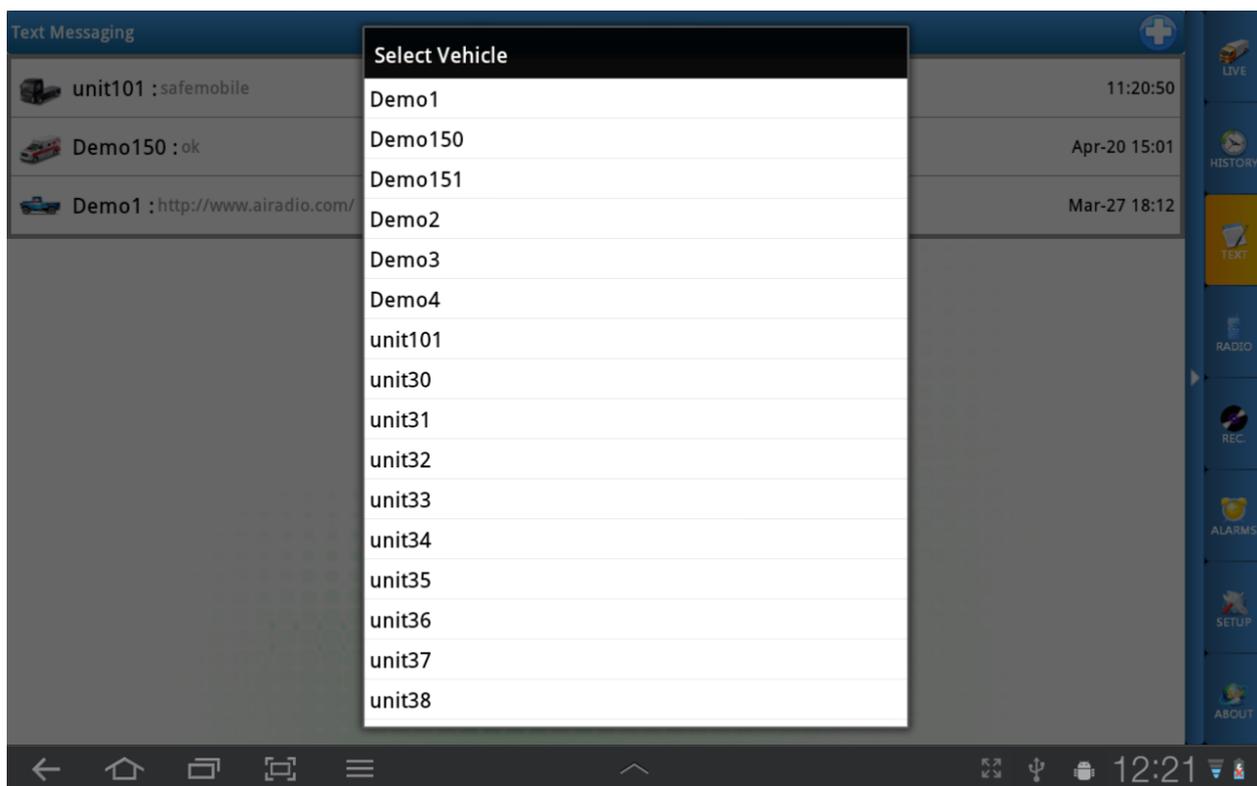
- Write your message into the available edit field.

  Note: Messages are limited to 140 characters.
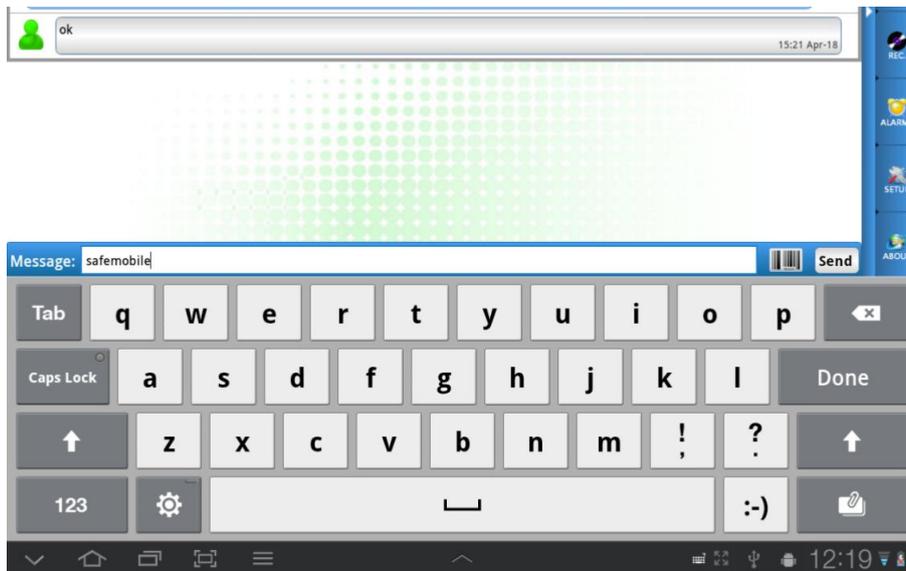
Figure 18 Writing message

- Click Send button.

Figure 19 Text message sent

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.

Figure 20 Message not ACK

If the unit has received your message, the conversation window will appear as below:
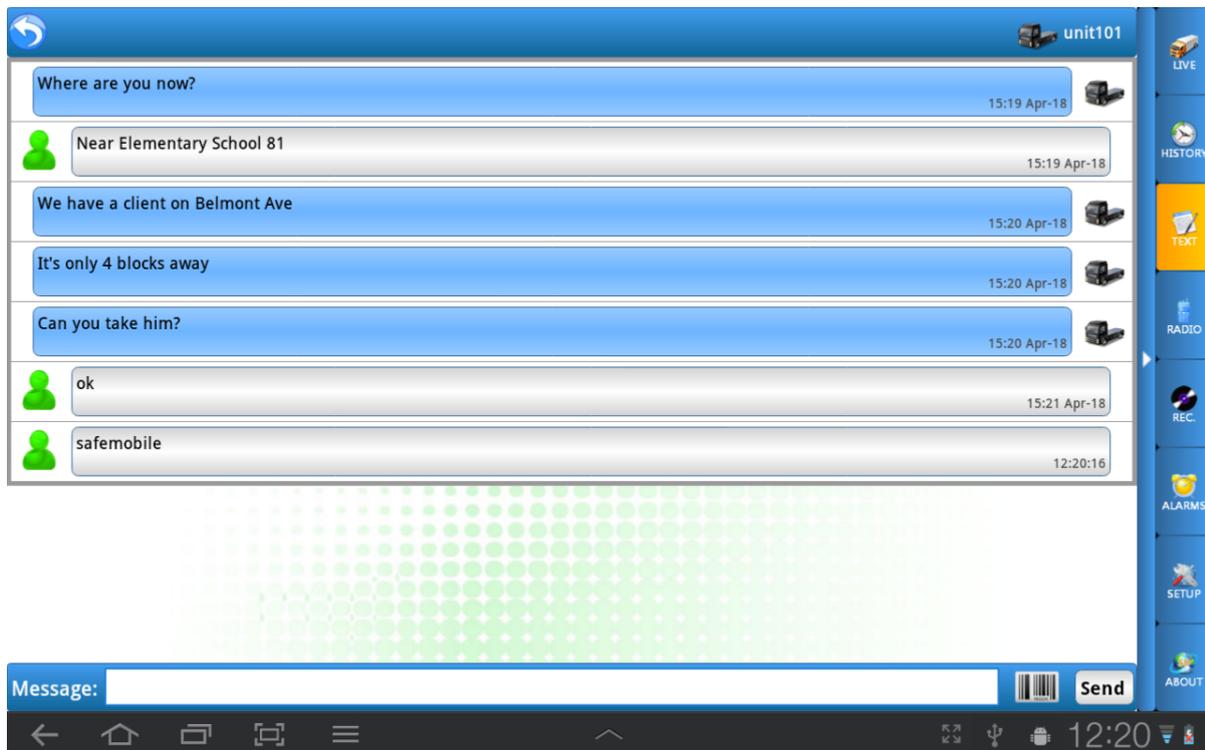
Figure 21 Message with ACK

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.
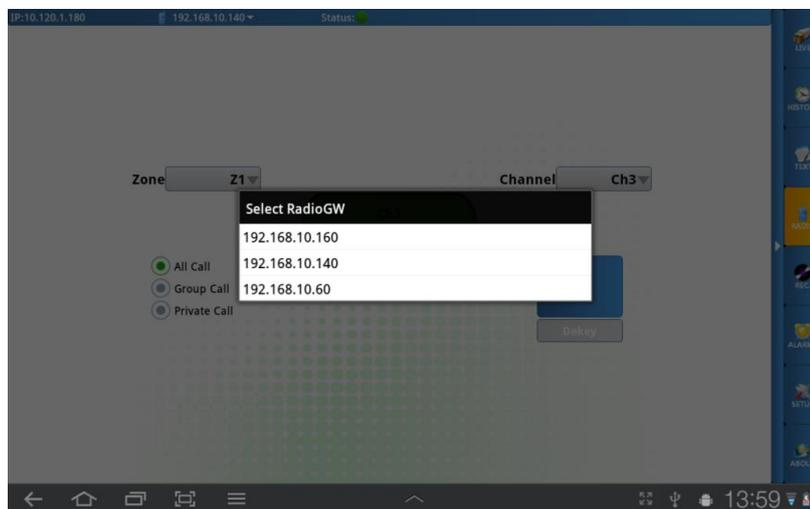
Figure 22Select Radio Gateway

Figure 23Select Zone

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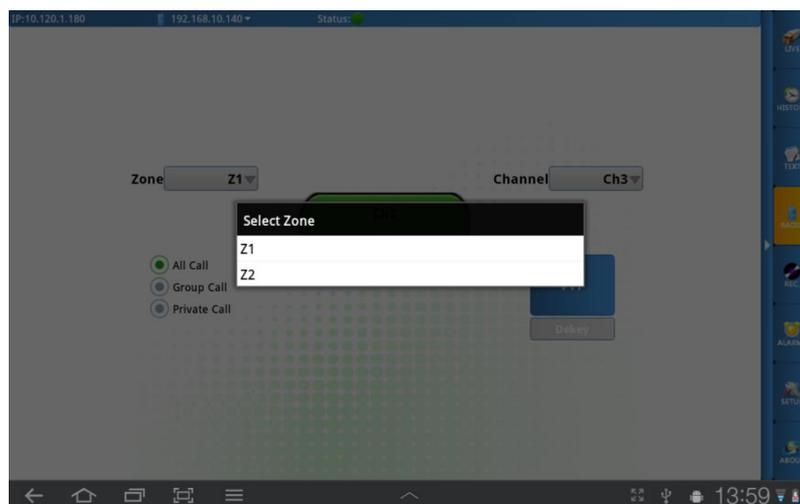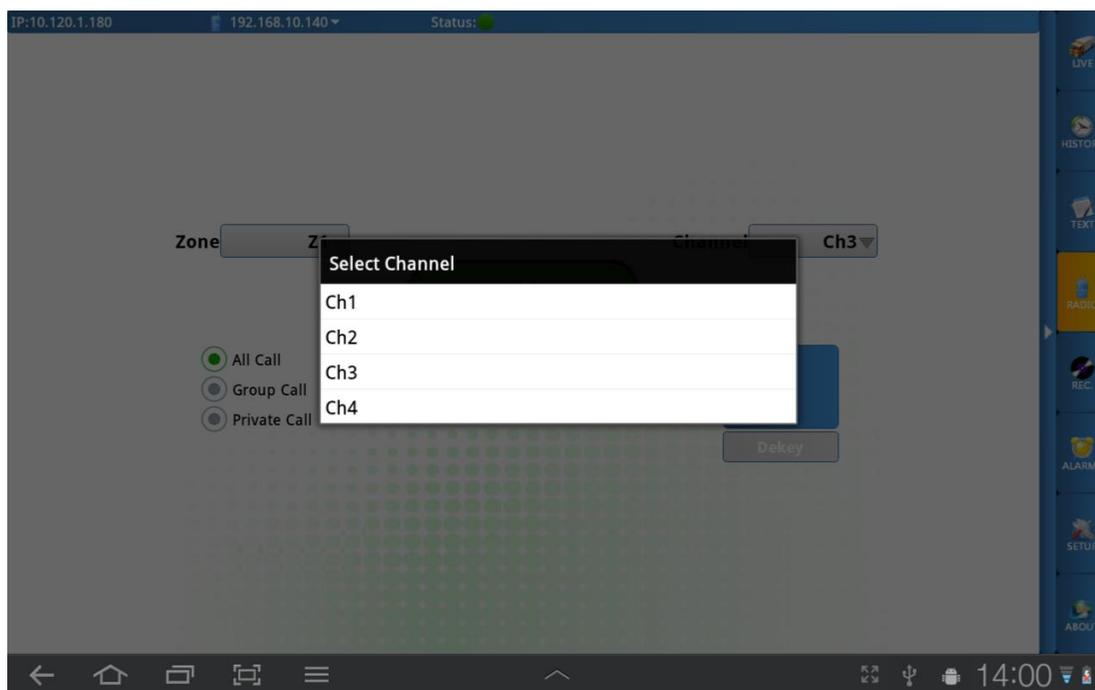
Figure 24 Set Channel

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

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

Figure 26 Private Call

Figure 27Radio Tab Status ON

Figure 28 Radio Tab Status OFF

Figure 29 Private call ended

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] .

Figure 30 Receive a call

C. Recording Calls

Calls received through the Radio Suite are recorded.

Figure 31 Recordings

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

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® Customer Programming Software - CPS).

*In the Administrative Module, Telemetry Tab, you can set up the way SafeDispatch Mobile™ 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
Demo1	speed	58	Apr-27 12:22

Figure 33 Alarms

A. Delete an Alarm

You can delete an alarm by clicking the unit.

Figure 34 Acknowledge Alarm

Setup

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

Figure 35 Setup
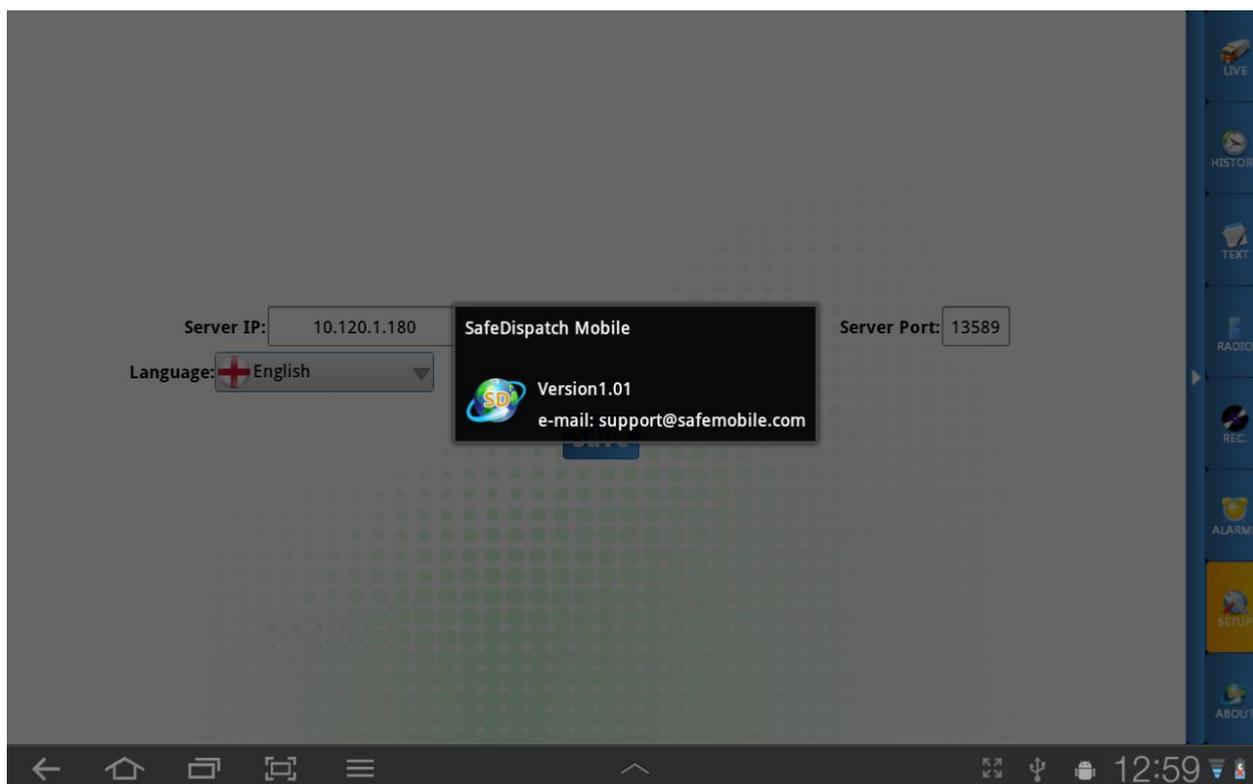
About Tab

If you are in need of assistance with your SafeDispatch Mobile™ 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