

# **User Manual**

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## Introduction

## Familiarizing Yourself with Your iSight Tracking Device

## Buttons, Indicators, and I/O

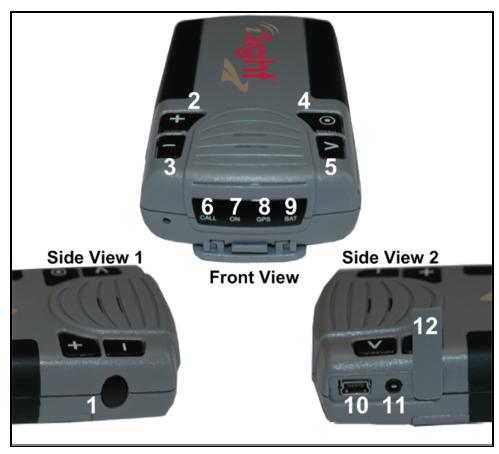


Figure 1 - Buttons, Indicators, and I/O

# Buttons: Indicators (Lights): I/O (Input/Output): 1. Side 2. 7. On 3. 8. GPS 4. 9. Bat

See later sections for descriptions of the Buttons, Indicators (Lights), and I/O (Input/Output) shown in Figure 1.



# **Clip and Battery Compartment**



Figure 2 - Clip and Battery Compartment

- 1. Mounting Clip Release Catch
- 2. Mounting Clip
- 3. Battery Cover
- 4. Battery Cover Release Catch
- 5. Battery
- 6. Battery Contacts
- 7. SIM Card Compartment



# Accessories

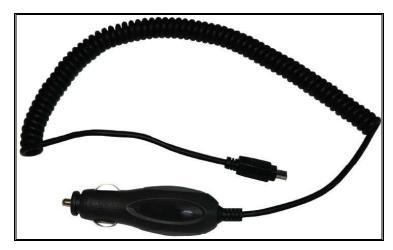


Figure 3 - USB Car Charger Cable

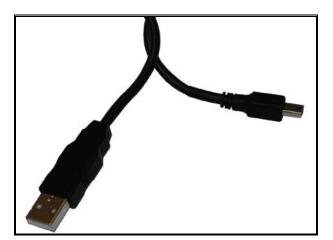


Figure 4 - USB Cable



Figure 5 - Mounting Bracker



#### Activation and Installation

#### **Battery Activation**

To activate the battery for your iSight tracking device:

- 1. Remove the belt clip from the back of the device by depressing the release catch located at the top of the unit (see Figure 2), and pulling the clip out.
- 2. Remove the battery cover by pressing the battery cover release catch up (see Figure 2), lifting the battery cover off, and removing the battery cover.
- 3. Remove the battery from the device and remove the protective tape from the battery.
- 4. Insert the battery so that the metal contacts on the battery align with the metal contacts inside the device (see Figure 2).
- 5. Slide the battery cover back onto the device so the cover lies flat and clicks into place.
- 6. Slide the clip back into the top of the unit so that it clicks into place.

#### **Vehicle Installation**

To install the iSight tracking device in your vehicle:

- 1. Choose a mounting location on the windshield where the device will have a clear view of the sky and will not obstruct the driver's view of the road.
- 2. Slide the device into the mounting bracket and affix to the windshield with suction cups in the selected location.
- 3. Plug the USB car charger cable into the device.
- 4. Plug the car charger into the cigarette lighter socket or auxiliary +12V port.

WARNING: Only use the provided cable to charge the device in the vehicle.

NOTE: To maintain long battery life, and to ensure proper operation of your iSight tracking device, its battery

must be charged before first use. Refer to Changing the Battery for additional information.

IMPORTANT: If you do not intend to use your vehicle for two or more weeks, the device may deplete your car

battery, depending on the type of vehicle you own. Refer to Powering the iSight Tracking Device

for additional information.

# **Basic Operation**

## How the iSight Tracking System Works

The iSight Tracking system is a complete hardware and software solution for tracking your family vehicle. The iSight tracking device installed in your car uses GPS satellite data to compute its location and velocity. This information and more can be accessed through your private log in to the iSight website. On the website you can track your vehicle, monitor the status of your device, and create your own personal E-mail and cellular phone text message alerts based on your vehicle's location, speed, and more.



#### **Description of Buttons**

The buttons on your iSight tracking device (see Figure 1) can be assigned to generate an alert when pressed as described in New Button Alert. With the iSight tracking system, the buttons do not perform any function unless assigned to an alert.

#### **Description of Indicators (Lights)**

The indicator lights on your iSight tracking device (see Figure 1) give you information about how the device is working.

- The CALL light blinks when the device can communicate with the iSight website server.
- The GPS light blinks when the device can see GPS satellites.
- The ON light is solid when the device is powered through the USB connection. It flashes when the unit is
  operating from its internal battery.
- The BAT light blinks when the battery is being charged.

#### **Description of I/O (Input/Output)**

Your iSight tracking device has the following input/output features (shown in Figure 1):

- The USB port located allows your device battery to be charged through connection to either your vehicle or personal computer. See **Charging the Battery**.
- An additional auxiliary port is not used in the current version of the iSight tracking system.
- The I/O cover is provided to protect these ports when your device is not connected through the provided USB cables (e.g. if your child is carrying it in their back pack for monitoring outside of your vehicle).

#### **Charging the Battery**

#### In-Car Charging

When your iSight tracking device is installed in your car and attached through the USB car charger cable, the battery is automatically charged as long as your vehicle's cigarette lighter or +12V auxiliary power port is powered.

#### Computer Charging

Your battery may also be charged by connecting the device to a USB port in your personal computer through an appropriate USB cable.

## Powering the iSight Tracking Device

In most American and European cars, the cigarette lighter or +12V auxiliary port is powered at all times. In most Korean and Japanese cars, this port is normally powered only when the key is engaged and other electronics such as the radio and dashboard lights are powered.

## **GPS Tracking**

GPS Tracking is accomplished through communication with an array of global positioning satellites. For this reason, it is important that your device be mounted with a clear view of the sky. Any time sky view is obstructed (e.g. the device is stowed in the glove compartment, the vehicle is parked in a garage, or the vehicle is driven through a tunnel) the iSight device may not be able to communicate with the necessary satellites, and an accurate "fix" on your vehicle's position may not be possible.



# The iSight Website

The iSight website allows you to display the locations of your device(s) on a map powered by Google. This section provides instructions for logging in to the website, including initial sign up for first time users, as well as information on using the web controls provided. Instructions for the web controls follow the layout of your homepage. We highly recommend that first time users read through the entire manual before use. The website is designed with predetermined defaults. Once you are familiar with the website, we recommended that you set your own custom preferences.

#### Logging In

The iSight website login page at getiSight.com can be seen in Figure 6 below.

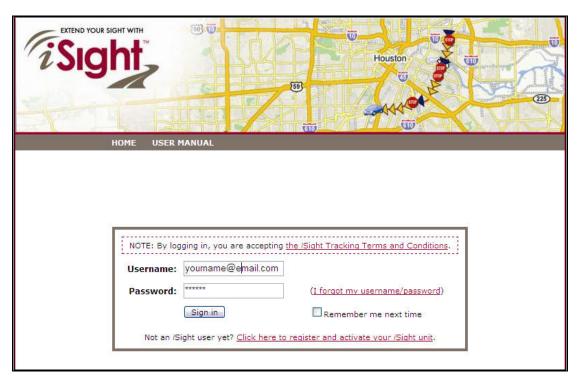


Figure 6 - iSight Login Page

## Signing up

Follow the steps below to sign up for your iSight website account:

1. At the login page, click **Click here to register and activate your iSight unit** and follow the instructions available in the Quick Start Guide provided with your **iSight tracking device**, which also contains your device's unique IMEI and SIM numbers, required for sign up. These numbers are entered in the appropriate spaces as shown in Figure 7 below:

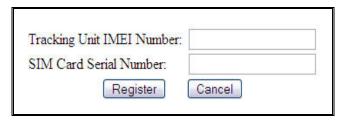


Figure 7 - Entering IMEI and SIM Numbers



2. After you have filled in your IMEI and SIM Numbers and clicked "Register," your user information (the e-mail address that will become your Username and your selected password) are entered in the appropriate spaces as shown in Figure 8 below:



Figure 8 - Entering User Information

3. Upon successful registration, you will be shown the following message:

Registration complete successfully. Log in to iSight website.

4. Click the Log in link to continue.

#### **Adding Additional Devices to Your Account**

When ordering additional devices for your family, you must provide your account number, and the devices will automatically appear when you log in to your account. You can find your account number in the My Profile configuration menu. See <u>Updating Your Profile</u>.

#### Logging In

To log in to your iSight website account, follow the steps below:

1. From the login page at <a href="mailto:get/Sight.com">get/Sight.com</a>, enter your username and password in the appropriate spaces as shown in Figure 9 below:



Figure 9 - Logging In

2. You may click the **Remember me next time** checkbox and your username will appear in the appropriate box the next time you visit the site.

NOTE: This option is not recommended if other people have access to the computer you are using to log in. See **Keeping Your Data Safe** below.

3. Click **Log In** and you will be take to your *i*Sight website homepage.

## Keeping your data safe

The *i*Sight tracking device tracks the location of your vehicle and its passengers as long as the device is powered on. This information, while a valuable family resource, could also be dangerous in the hands of stalkers, thieves, or



anyone with criminal intent. It is *your responsibility* to keep your personal log on information secure and prevent unauthorized surveillance of your vehicle.

#### Reading Your Map

When you have logged in successfully, you will be directed to the map, where the location of your registered *i*Sight tracking device(s) will be in the center of your screen, as shown in Figure 10 below.

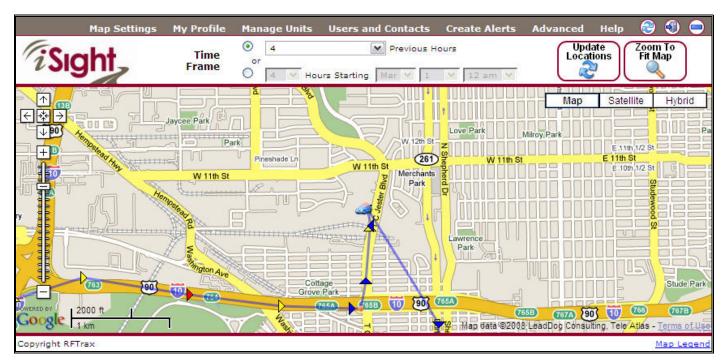


Figure 10 - Your Map

#### Your Vehicle Icon

Upon log in, the current position of your vehicle is marked by a small picture of a car shown in the center of your screen. Your map is by default centered on your vehicle. You may change the icon displayed for each device by selecting from several icons in the **Manage Devices** configuration menu. See **Configuration Menus**.

#### **Your Route**

A colored line matching the color of your car icon shows the route your vehicle has traveled.

NOTE: Your route is traced by a straight line connecting one position logged by the iSight tracking device after another. This line may not necessarily follow the contours of the roads shown on map images powered by Google. This is normal, and is **not** an indication that your vehicle has gone off the road.



#### **Route Markers**

Markers along your traveled route:

- Indicate the direction your vehicle was driving
- · Are color coded to indicate how fast your vehicle was driving
- Can be clicked to provide information about your vehicle at that point in time (see Figure 11 below)

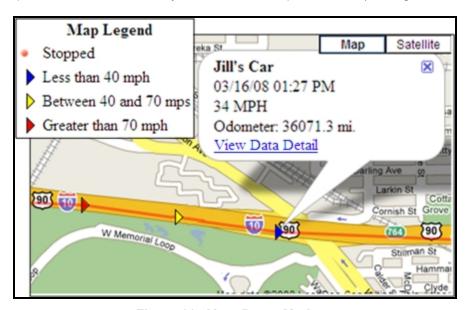


Figure 11 - Your Route Markers

Clicking the **View Data Detail** option in your marker information bubble provides a window as shown in Figure 12 below containing a table of data from your device that includes:

- Vehicle Speed
- The Device Time, the date and time the data was transmitted
- The **Odometer** recording mileage the device has traveled since initialization
- The **Latitude** and **Longitude** of the device at the time of transmission
- A Status message that records the device's power status
- The vehicle **Heading** measured in degrees east of north
- The GPS Status:
  - 0 indicates no satellite fix and no previous fix to reference
  - 1 indicates a valid fix
  - 9 indicates that positional information is taken from a previous valid fix
- An indication of the number of Satellites the device is receiving data from.
- A Battery Level reading indicating percentage of charge remaining in the battery



Speed	Unit Time	Odometer	Latitude	Longitude	Status	Heading (deg)	GPS Status	Satellites	Batt Level (%)
0.0	3/16/2008 2:29:47 PM	2482.0	29.786983	-95.418233	Unit reporting GPS location while stationary and on battery	0	1	4	17
0.0	3/16/2008 1:44:02 PM	2482.0	29.786267	-95.418267	Unit powering up on battery power	300	9	8	50
0.0	3/16/2008 1:33:16 PM	2482.0	29.786300	-95.418183	Unit powering down	300	1	7	20
0.0	3/16/2008 1:33:16 PM	2482.0	29.786300	-95.418183	Unit in motion, powered by the battery	300	1	7	20
0.0	3/16/2008 1:32:42 PM	2482.0	29.786417	-95.418167	Unit in motion, powered by the battery	300	.1	7	20
0.0	3/16/2008 1:32:12 PM	2482.0	29.786300	-95.418183	Unit in motion, powered by the battery	300	31	8	20
0.0	3/16/2008 1:31:42 PM	2482.0	29.786367	-95.418267	Unit in motion, powered by the battery	300	1	8	20
13.8	3/16/2008 1:31:10 PM	2481.9	29.788117	-95.418017	Unit in motion, powered by the battery	292	1	7	20
17.2	3/16/2008 1:30:36 PM	2481.8	29.784450	-95.417583	Unit in motion, powered by the battery	266	1	7	20
44.8	3/16/2008 1:30:04 PM	2481.5	29.784633	-95.417300	Unit in motion, powered by the battery	10	1	7	20
24.1	3/18/2008 1:29:32 PM	2481.2	29.779217	-95.418000	Unit in motion, powered by the battery	354	1	8	20

Figure 12 - Raw Data Detail

## Changing How Your Map Displays

Many controls are available on your iSight website homepage that allow you to customize how your map and vehicle routes are displayed. The sections below will guide you in using these controls. More map display options are available in **Changing Your Map Settings** under **Configuration Menus**.

## **Map Control Panel**

The control panel shown in Figure 13 appears above your map.



Figure 13 - Map Control Panel

The control panel contains your configuration menu bar (see **Configuration Menus**), timeframe controls, and homepage control buttons.

#### **Using Your Timeframe Controls**

By default, your map page displays your vehicles' routes over the previous 4 hours.

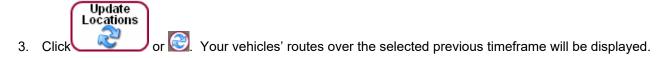
To view routes over a longer period of time:

- 1. Click to select the **Previous Hours** option ( ).
- 2. Click to select the number of hours desired from the dropdown menu.





Figure 14 - Selecting Previous Timeframe



To view route during a selected period starting at a particular day and time:

- Click O to select the Hours Starting option (O).
- 2. Click the dropdown menu for number of hours as shown below.

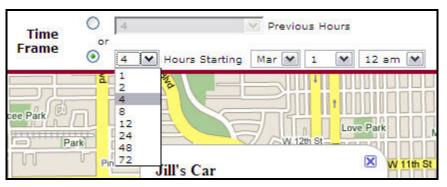


Figure 15 - Selecting Timeframe Starting at a Specific Time

- 3. In a similar manner select from the dropdown menus for Month, Day, and Time (available in 1 hour increments).
- 4. Click or Or Vour vehicles' routes over the selected timeframe of the selected day will be displayed.

Update



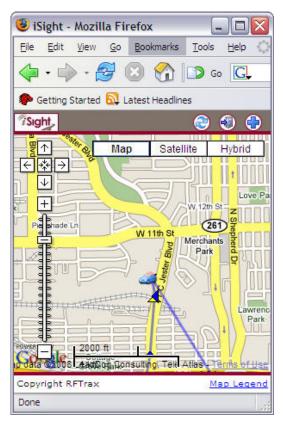


Figure 16 - Timeframe Controls Hidden

To redisplay the timeframe controls and menu options, click Your timeframe controls, menu options and the symbol are now visible.

#### Refreshing Your Map

To refresh your map at any time, you may click either available in the upper right-hand corner of your homepage,



available beside your timeframe selection options.

**Do not** use the refresh option available through your browser.

#### **Logging Out**

To log out of your iSight website homepage, click available in the upper right hand corner of your homepage. Your browser will display the iSight website login page (see Figure 6).

#### Map Type

The map that shows your vehicle's route can be displayed three different ways by clicking one of these three options in the upper right-hand corner of your map.

| Map | Satellite | Hybrid |

Clicking **Map** displays the default view shown in **Error! Reference source not found.** above. Clicking **Satellite** displays your route over a satellite image of the map area as shown in Figure 17. Clicking **Hybrid** displays your route over a satellite image that is marked with road and feature names from the map view as shown in Figure 18.





Figure 17 - Satellite View

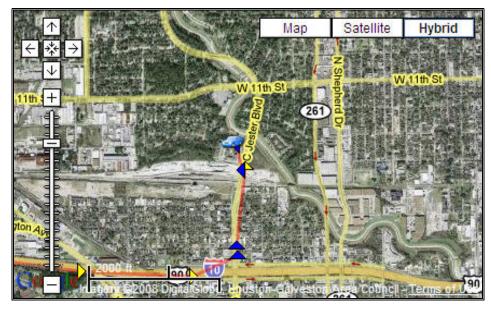


Figure 18 - Hybrid View

## **Zooming and Panning**

Zooming (getting a closer look at the map for more detail or a wider view to see more area) and panning (moving up, down, right, or left beyond the edges of the displayed map) are controlled by clicking the icons on the left hand side of your map, shown in Figure 19 below.



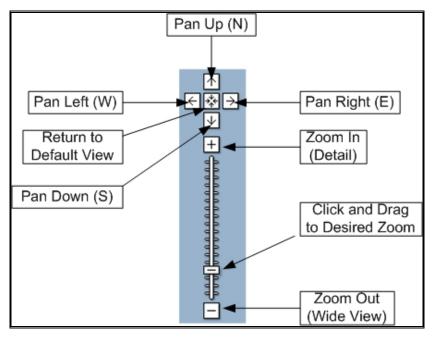


Figure 19 - Pan and Zoom Controls

In addition to these icons, you can recenter the map by double clicking on the location you wish to become the new map center, and zoom out by double right-clicking anywhere on the map.

You may also pan across the map in any direction by clicking and holding the left mouse button while your pointer is over the map, then moving the mouse to drag the map in the desired direction. When you release the left mouse button, the map will be centered in its new position.

## **Configuration Menus**

You can configure how your map looks and how your vehicles are displayed, create contacts and alert, and edit your profile through configuration menus accessed by clicking the menu bar displayed above your map, shown below.

Map Settings My Profile Manage Units Users and Contacts Create Alerts Advanced Help

Figure 20 - Configuration Menu Bar

The selected configuration menu will appear over your map page, which will be grayed out as shown in Figure 21 below, and will not be accessible until you click the Close icon. **Do not** click your browser's back button.



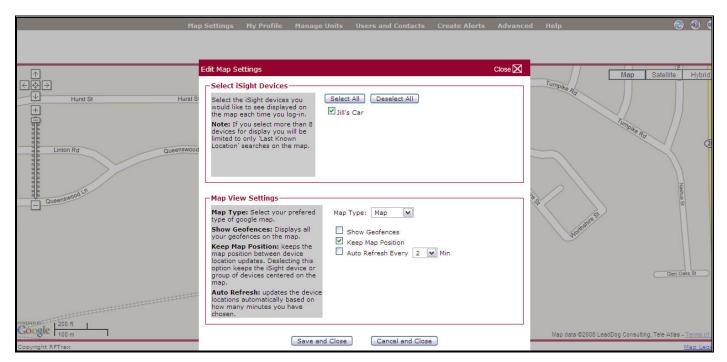


Figure 21 - Configuration Menu View

#### **Changing Your Map Settings**

The **Map Settings** configuration menu allows the you to select the device(s) that are displayed on the map, how they are displayed, and how often the map refreshes its information.

To change your map settings:

1. Click **Map Settings > Map Preferences** on the menu bar. A configuration menu (see Figure 22 below) will appear.



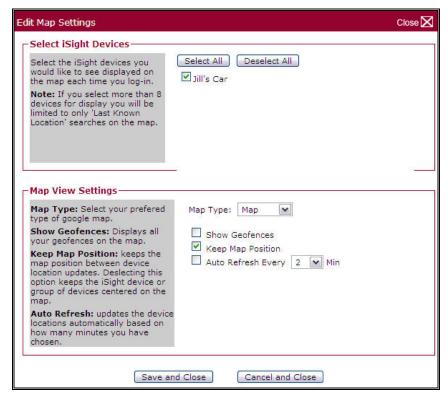


Figure 22 - Map Settings Configuration Menu

Click the checkbox for all devices you want shown on your map. If you have many devices registered to your
account, all of them can be displayed on your map as shown in below by clicking Select All. Remove all
units from your map, click Deselect All.

NOTE: If you have more than 8 devices selected to display, you will receive the message shown in Figure 23 below. Routes for your vehicles will not be shown, though all devices will be displayed at their last known location, as shown in Figure 24.



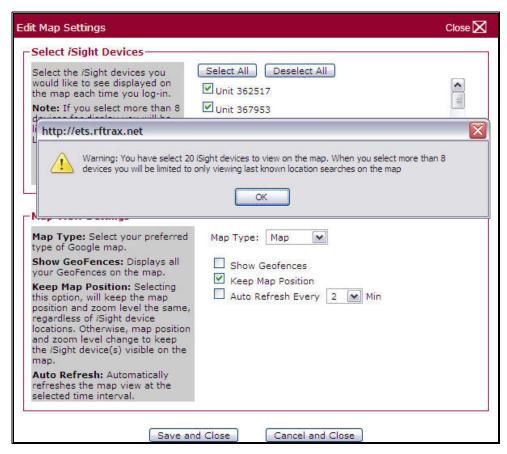


Figure 23 - Selecting More Than 8 Units to Display



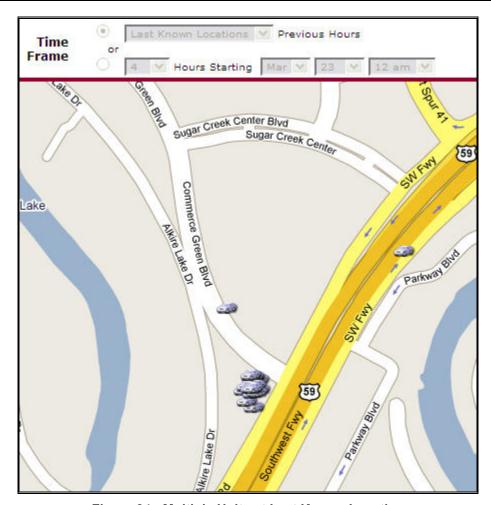


Figure 24 - Multiple Units at Last Known Location

- 3. Select the type of map (Map, Satellite, or Hybrid) you prefer as your default homepage map setting. (See <a href="Map">Map</a>
  <a href="Type">Type</a> for a description of these options.)
- 4. Click the **Show GeoFences** checkbox if you want your GeoFences displayed on your homepage map, as in Figure 25 below.



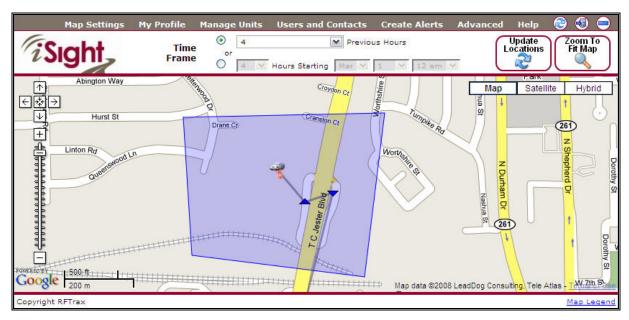


Figure 25 - Displaying GeoFences on Map

- 5. To keep the map stationary, click the **Keep Map Position** checkbox to select that option. This allows you to display a specific geographic area by default, regardless of where your vehicles are located. When this option is not selected, the map automatically centers on the location of your device or group of devices.
- 6. Click the **Auto Refresh** checkbox to allow your map to automatically update as long as you're logged in. Select the interval at which you want the map to automatically refresh by clicking the dropdown menu, then clicking the desired time period.

NOTE: If you select the Auto Refresh option, the refreshing of your homepage map will prevent your session from timing out and logging you out automatically.

- 7. Click **Save and Close** to save any changes you have made.
- 8. Click Close or Cancel and Close to return to your homepage without saving your changes.

To display a specific address on your homepage map:

1. Click Map Settings > Go To Address. A window will appear as shown in Figure 26.





Figure 26 - Go To Address

- 2. Enter the desired address and click Go To Street Address.
- 3. To close out of this window without displaying a specific address on your map, click Close or Cancel and Close.

#### **Updating Your Profile**

To update your name, e-mail address, cell phone number, or time zone:

1. Click the **My Profile** > **My Profile** available at the top of your *i*Sight website homepage. The My Profile configuration menu will appear as shown in Figure 27 below.

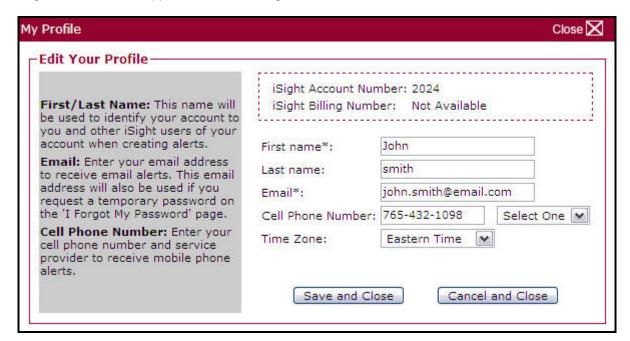


Figure 27 - My Profile Configuration Menu



- 2. Enter any changes to your name and contact information in the spaces provided.
- Select the cell phone provider associated with your cell phone and your preferred time zone by clicking the dropdown menus provided and clicking the desired option.
- 4. To return to your homepage without saving and changes, click Close or Cancel and Close.
- 5. To save changes to your password, click **Save and Close**.

To change your password:

1. Click My Profile > Change Password. The window below appears as shown in Figure 28.



Figure 28 - Change Your Password

- 2. Enter your old password, then enter and your desired new password twice.
- 3. To return to your homepage without saving and changes, click Close or Cancel and Close.
- 4. To save changes to your password, click Save and Close.

## Managing Your Registered Device(s)

To edit the properties assigned to your registered iSight tracking device(s):



1. Click the **Manage Units** option available at the top of your homepage. The **My iSight Units** screen will appear as shown in Figure 29 below.

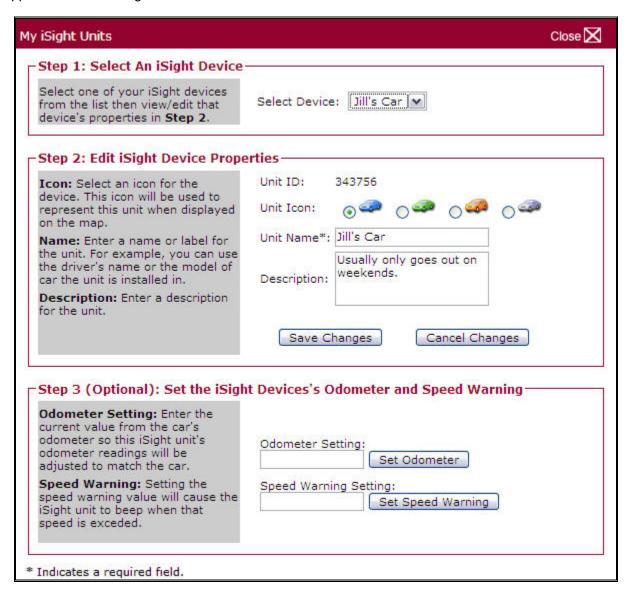


Figure 29 - Configuring Devices

- 2. Click the **Devices** dropdown menu to display a list of devices to edit.
- 3. Click the device you wish to edit.
- Click to select the icon you want displayed for this device (●).
- 5. Click the Device Name box to update your device name. This field may not be left empty.
- 6. Type the Description box to add a brief text description of your device.
- 7. Enter the odometer mileage for the selected vehicle if desired and click **Set Odometer**. The following message will appear:

Odometer set successfully.



8. To set a speed for an instantaneous warning, enter it in the **Speed Warning Setting** field and click **Set Speed Warning**.

NOTE: Your iSight tracking device will immediately beep when the speed entered here is reached. This differs from setting the device to beep when an alert is posted in that there is a time delay associated with sending data to the iSight website servers, and the servers posting an alert that then instructs the device to beep.

9. When you are finished updating your device, click Save Changes. The following message will appear:

Your iSight tracking device properties have been changed successfully.

- 10. If you do not wish to save the changes you have made, click **Cancel Changes**.
- 11. Click Close to return to your homepage.

#### Managing your iSight Website Users and Contacts

The iSight website allows you to enter information for multiple users and contact information for members of your family, who can then receive alerts and messages about your tracked vehicles' activities (see Managing your Alerts).

#### **Contacts**

To create contacts and enter or edit contact information:

 Click Users and Contacts > Manage Contacts. The My iSight Contacts screen will appear as shown below.

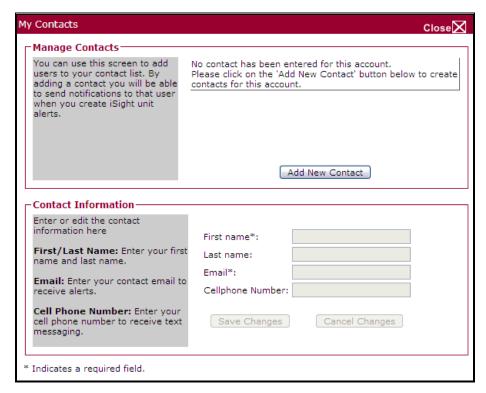


Figure 30 - Manage Contacts



2. Click Add New Contact and enter information in the fields provided, as shown in Figure 31.

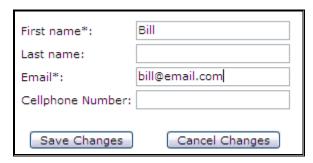


Figure 31 - Contact Information

NOTE: Fields marked with an asterisk are required for every contact.

- 3. When you are finished entering contact information, click Save Changes.
- 4. To clear any changes you have entered without saving them, clicking Cancel Changes.
- 5. Repeat steps 1-3 to create additional contacts.
- 6. Click Close to return to your homepage.

#### Users

To create additional users for the account:

1. Click **Users and Contacts > Manage Users**. The **My Account Users** screen will appear as in Figure 32 below.



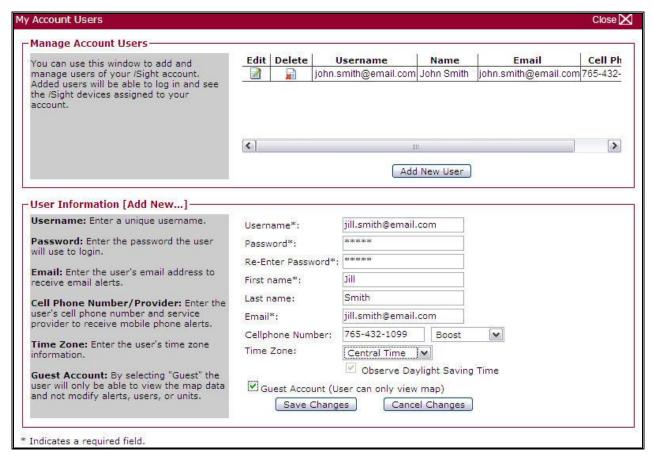


Figure 32 - Manage Users

- 2. Click Add New User.
- 3. Enter the new user's **Username**.
- Enter and confirm the new user's Password.
- 5. Enter the new user's name and contact information.
- 6. Select cell phone provider and preferred time zone from the drop down menus.
- 7. Leave the **Guest Account** option unchecked to allow the new user full access to view and edit all *i*Sight website features, or check this option to limit the new user to viewing the map.
- 8. When you are finished entering contact information, click **Save Changes**.
- 9. To clear any changes you have entered without saving them, clicking Cancel Changes.
- 10. Repeat steps 2-8 to create additional contacts.
- 11. Click Close to return to your homepage.

#### **Creating Alerts**

Positioning your mouse pointer over the **Create Alerts** option on your *i*Sight website homepage displays a dropdown menu with the following options:



- **New Speeding Alert** Allows you to create an alert message that is sent when your vehicle goes faster than your user-defined Speed Limit.
- New GeoFence Alert Allows you to create an alert message based on
- **New Button Alert** Allows you to create an alert message that will be sent when a button is pressed on your iSight tracking device (see **Switches** in **Familiarizing Yourself with the Device**).

#### **New Speeding Alert**

To create a new speeding alert:

1. Click Create Alerts > New Speeding Alert. The configuration menu in Figure 33 is displayed.

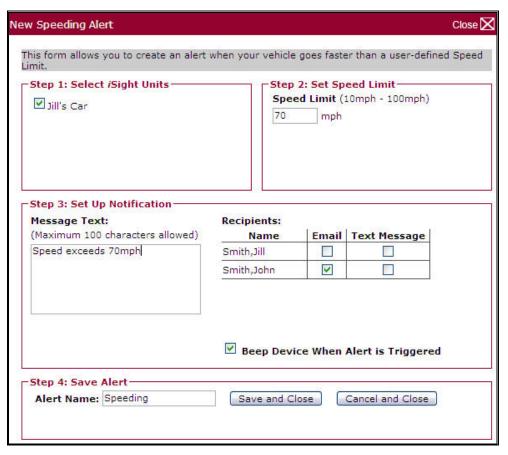


Figure 33 - New Speeding Alert Menu

- 2. Click to select the device you want to create the alert for.
- 3. Under **Speed Limit** type in the speed you wish to create the alert for. Any time your vehicle travels above this speed, a notification will be sent.
- 4. Under **Message Text** type in the text you wish the notification to contain.
- 5. Under **Recipients** is a list of all the contacts you have entered for your *i*Sight website account (see **Managing Your iSight Contacts**). For each contact you want the notification sent to, click the type(s) of notification you want sent.
- 6. If you would like your *i*Sight device to beep when the device posts an alert that the speed limit has been exceeded, click **Beep Device When Alert is Triggered**.
- 7. Under Save Alert type the name of your new alert and click Save and Close.



8. To clear any information you have entered without saving, click **Cancel and Close** or vour homepage.

#### New GeoFence Alert

To create a new GeoFence and alert:

1. Click Create Alerts > New GeoFence Alert. The configuration menu in Figure 34 is displayed.

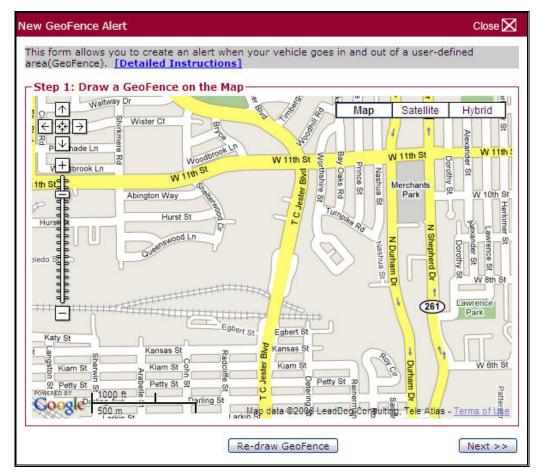


Figure 34 - Creating a GeoFence

- 2. Click on the map to set the first point of your GeoFence.
- 3. Click elsewhere on the map to outline the area you want your GeoFence to surround.
- 4. To clear the points you have set and begin defining your GeoFence again, click **Re-draw GeoFence**.
- 5. To complete your GeoFence, click the first point you created to close the fence outline. When your fence has been successfully created, a message appears as shown in Figure 35 below.



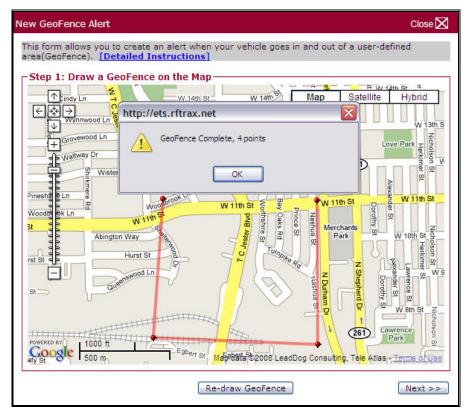


Figure 35 - GeoFence Complete

NOTE: Be sure to set your GeoFence boundaries around a large enough area to allow your device to post a reading while inside. If your area is too small, your device may not have time to detect that your vehicle is within the GeoFence before your vehicle leaves the boundaries, or may send alerts that your vehicle has left the GeoFence when it is stationary, due to GPS location error.

6. Click **OK** then **Next>>** to continue to the menu shown in Figure 36 below.



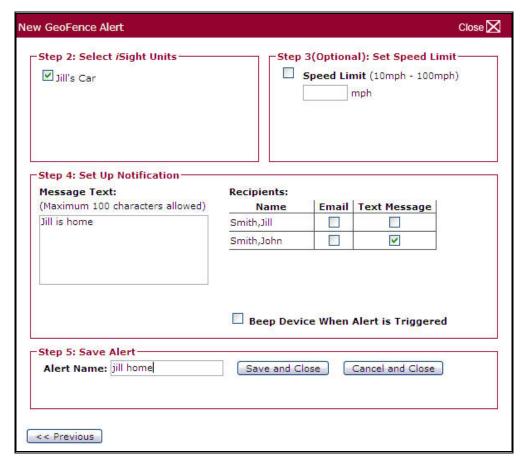


Figure 36 - Creating an Alert for New GeoFence

- 7. Select the device you want to create the GeoFence Alert for.
  - NOTE: The alert will be sent whenever this device detects that it has crossed a GeoFence boundary, regardless of whether the vehicle is entering or leaving the GeoFence area.
- 8. If you wish the alert to be sent only when the vehicle exceeds a specific speed while inside the GeoFence, select the **Speed Limit** option and enter the desired speed.
- 9. Under **Message Text** enter the notification you want sent.
- 10. Under Recipients select the type of notification you want sent to each contact you want notified.
- 11. If you want the device to beep when it sends an alert that the GeoFence boundary is crossed, click the **Beep Device When Alert is Triggered** option.
- 12. Enter a name for your new GeoFence alert.
- 13. To return to the previous screen and redraw your GeoFence, click << Previous.
- 14. To save your new GeoFence alert, click Save and Close.
- 15. To clear any information you have entered without saving, click **Cancel and Close** or your homepage.



#### New Button Alert

To create a new button alert:

1. Click Create Alerts > New Button Alert. The configuration menu shown in Figure 37 is displayed.

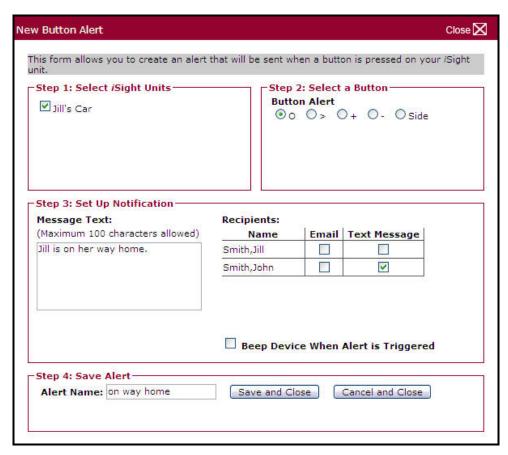


Figure 37 - New Button Alert Configuration Menu

- 2. Select the device you want to create the alert for.
- 3. Select the button to associate with the alert. When this button is pressed on the *i*Sight tracking device in your vehicle, the alert notification you define will be sent.
- 4. Enter the notification text you want sent for this alert in **Message Text**.
- Select the type of notification you want sent to each contact to want notified.
- 6. If you want the device to beep when this alert is detected, click the **Beep Device When Alert is Triggered** option.
- 7. Enter a name for this alert in the space provided.
- 8. To clear information you've entered without saving, click Cancel.
- 9. To save your new button alert, click **Save and Close**.
- 10. To clear any information you have entered without saving, click **Cancel and Close** or vour homepage.



#### **Advanced: Managing GeoFences**

The **Manage GeoFences** configuration menu available under **Advanced** allows you to view and edit your GeoFences. To access this menu:

1. Click Advanced > Manage GeoFences. The configuration menu shown in Figure 38 is displayed.

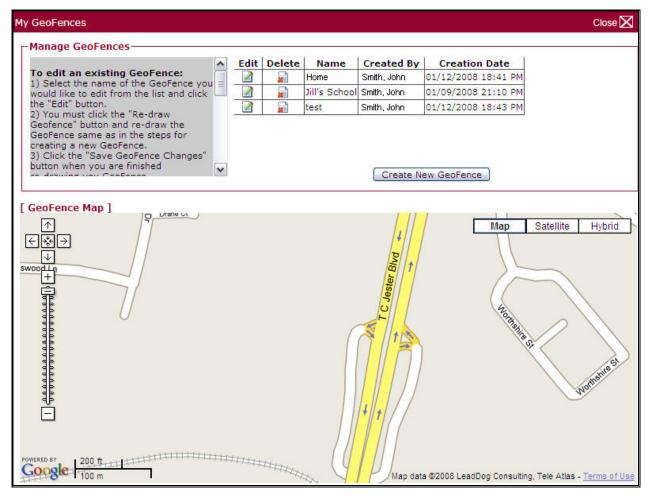


Figure 38 - My GeoFences

- 2. To edit a GeoFence, click in the **Edit** column next to the desired GeoFence. The GeoFence is displayed on the map.
- 3. Click the **Re-draw GeoFence** above the map on the right-hand side to clear the displayed GeoFence and redraw it by clicking points in the map surrounding the fenced area.
- 4. Click **Cancel** to clear the changes without saving.
- 5. To save your updated GeoFence, click Save GeoFence Change, found above the map on the left-hand side.
- Click in the Delete column next to the desired GeoFence to delete the GeoFence.
- 7. Click **Create New GeoFence** to create a new GeoFence. You may create a GeoFence by clicking points on the map surrounding the area you want fenced, providing a **Name** in the space provided above the map on the left-hand side, and clicking **Save New GeoFence** to save or **Cancel** to clear your changes without saving.



8. Click Close to return to your homepage.

#### **Advanced: Managing Alerts**

The **Manage Alerts** configuration menu available under **Advanced** allows you to view and edit all of your alerts. To access this menu:

1. Click Advanced > Manage Alerts. The configuration menu shown in Figure 39 is displayed.

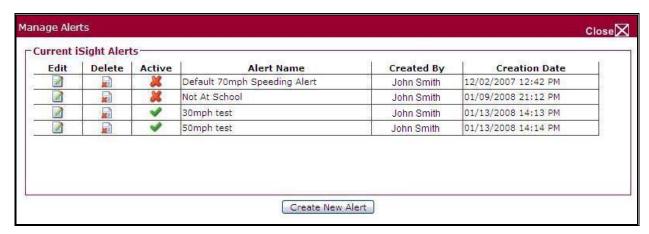


Figure 39 - Manage Alerts Configuration Menu

2. Click in the **Edit** column next to the desired alert to bring up the **Alert Settings** shown in Figure 40. You can then make any changes and click **Save Changes** to save your changes or **Cancel** to clear them without saving.

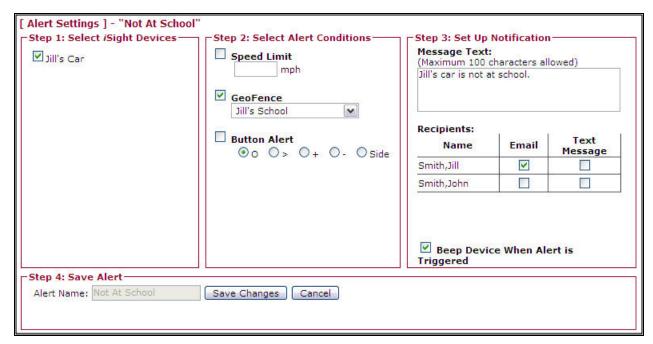


Figure 40 - Alert Settings to Edit

- 3. Click in the **Delete** column next to the desired alert to delete the alert.
- 4. If the alert is active, appears in the **Active** column next to that alert. To deactivate the alert, click . The symbol changes to and the alert will no longer generate notifications.



- 5. If the alert is inactive, appears in the **Active** column next to that alert. To activate the alert, click . The symbol changes to and the alert will generate notifications when its conditions are met
- 6. To create a new alert from this menu, click Create New Alert. The menu in below appears.

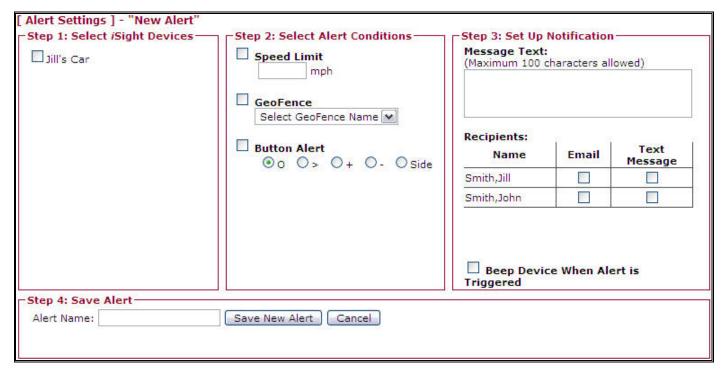


Figure 41 - Alert Settings for New Alert

NOTE: Multiple conditions can be defined for a single alert. The alert will only be triggered if all conditions are true. See <a href="Creating Alerts">Creating Alerts</a> for more information.

- 7. Customize your new alert and click **Save New Alert** to save changes or click **Cancel** to clear changes without saving.
- 8. Click Close to return to your homepage.

#### Help

Clicking help will bring up a window containing links you can click to access a number of help and information resources for your Sight tracking system, as shown in Figure 42.





Figure 42 - Help Menu



# Using Your iSight Tracking System

#### What the System Is For

The iSight tracking system is a valuable resource for monitoring the most important people in your life. It can be a helpful tool for allowing the parents of teenaged drivers to stay informed of their children's locations and driving habits. In providing this resource, however, the makers of the iSight tracking system are in no way advocating the propriety or effectiveness of any particular parenting style.

#### **Using the Map to Find Your Vehicle**

Logging in to the *i*Sight website should immediately bring you to your homepage, displaying a map with the current location of your vehicle in the very center. To view areas of the map outside of this view (for example, to trace the route your vehicle has traveled beyond the current map boundaries) follow the instructions found in **Zooming and Panning**.

- Zooming in gives you a more detailed view of the map while zooming out gives you a wider view, covering more geographical area.
- Panning moves the center of the map north, south, east, or west to allow you to see geographical features in those directions.

If you would rather see a particular geographical area displayed on your map regardless of where your vehicle is, follow the guidance for keeping your map stationary provided in step 3 of **Changing Your Map Settings**.

#### Making Sure Your Vehicle Is Where it Is Supposed to Be

The ability to find your vehicle on the map provided by the iSight website at any time and to trace the route your vehicle has traveled over any timeframe allows you to:

- keep track of how well your young drivers are following the boundaries you set on their newly-earned driving privileges and
- monitor the safety of your family and vehicle.

In addition to the ability to know at any time where your vehicle is, iSight tracking system provides you with the ability to customize this product to the boundaries you set by allowing you to set up alert notifications sent to you via e-mail, cell phone text messages, or both.

Using GeoSentinal custom GeoFence features, you can create alerts that notify you when your vehicle enters an area that is off limits or leaves an area where it is supposed to be at certain times and days

You can also set up an alert that notifies you when any of the buttons on your device are pressed. For example, you and your child might agree on a button to press if your child needs help. You can also create an alert using a button that you and your child agree will always to be pressed when your child arrives at home or at school. When you receive these notifications, you can always log in to the iSight website to ascertain the location of your vehicle.

For guidance in using these features, see **Creating Alerts**.

## Watching your Vehicle's Speed and Setting Speed Limits

The iSight tracking device and website provide multiple ways to monitor your vehicle's speed, both from your computer and inside your vehicle.

- The arrows and stop icons shown along your vehicle's route on the map are color coded by travel speed, and can be clicked to give a speed reading for your vehicle at the time that position was logged. See **Route Markers**.
- You can create your own custom alert that will notify you via e-mail or a text message to your cell phone when
  your vehicle exceeds a speed you have set for that alert. See New Speeding Alert for guidance on this option.
- The device will emit a beep when it detects that your vehicle is traveling at or over a user-determined speed. To set this speed see <u>Managing Your Registered Device(s)</u>. You may also instruct the device to beep when an alert condition is detected. See <u>Creating Alerts</u>.



#### **Keeping Track of Miles**

The iSight website allows you to enter the odometer reading from your vehicle(s) (see step 8 of **Managing Your Registered Device(s)**) and then provides an approximate reading of the mileage on your car along with speed and location when you click a route marker on your map.

NOTE: Your route is calculated by measuring as the crow flies between positions along the route where data is logged. Therefore your vehicle's exact travel path may be slightly longer than the path measured by the device. If you use the odometer feature, it is important to periodically check the reading on your vehicle's odometer and update your entry on the iSight website.

#### The iSight Tracking System as a Tool

The iSight tracking device and iSight website are provided as a valuable resource for monitoring the use of your vehicle(s). GPS technology allows an excellent approximate location and speed for the device, but it is important to remember that **speeds and positions are not always exact**. The device makes a data transmission roughly every 30 seconds, but does not provide information between those transmissions. For this reason, you will notice that the points of data transmission marking your routes are connected with straight lines as the crow flies and only approximate the path your vehicle has traveled. You will also notice that even when your vehicle is stationary, your device may transmit a slightly different position from one data transmission to the next. This is normal behavior for your device, and should not prevent the iSight tracking system from being an effective tool for tracking your vehicle.

## Tricking the iSight Tracking Device

Two simple ways of preventing the tracker from logging the vehicle's route are:

- Removing power to the device so that it shuts off and does not log driving events
- Moving the device to an alternate power source (such as another vehicle)

However, The device sends more data with each transmission than simply position and velocity. Under the **Status** column of the raw data table (see Figure 12) the device sends message about device power status. With your device always powered through the 12V jack available in your vehicle (for vehicles that do not provide power when the key is off, such as most Japanese and Korean cars, an "always on" port can be installed in the car) a status reading of "Device now operating on battery power" will appear if the device is disconnected from the car power.

If you do not wish to power the device through an "always on" port and your vehicle does not provide continuous power to the device, you may use the odometer feature of the 'Sight website (see Managing Your Registered Device(s)). If a large discrepancy appears between the 'Sight tracking device reading and the actual odometer reading in you car, this may be an indication that the device was disabled and unable to track your vehicle's route. GPS and vehicle odometer agreement will vary depending on satellite GPS availability and driving conditions, but with some experience the agreement is a good indicator that the device has stayed with the vehicle.



#### **Tutorial cases**

#### A Helpful Reminder – Setting a Speed Alert Depending on Location

Justin has received a warning for driving too fast through his family's neighborhood. But it's hard for even experienced drivers to remember to slow down enough after leaving the freeway on the way home from a long day at school and work. So Justin and his father agree to set an alert that will cause the *i*Sight tracker in his car to beep when he drives over 40 mph, but only in the neighborhood around his house and school, following the steps below:

- 1. They log in to the iSight website.
- 2. They pan and zoom the map as needed until Justin's entire route from highway to home is visible.
- 3. They click Create Alerts > New GeoFence Alert.
- 4. They draw a GeoFence around Justin's route, leaving enough of a margin to allow for GPS error.
- 5. They set the speed limit for the alert to 40 mph.
- 6. When complete, they name the GeoFence alert "Home Slower."
- 7. They repeat the steps above for Justin's route from the highway to his school, naming the alert "School Slower."

The iSight tracking device in Justin's vehicle will not beep each time the device detects a speed above 40 mph within the boundaries drawn around his route home and his rout to school after leaving the freeway and sends an alert.

NOTE: All conditions defined in setting up the alert must be true for an alert to be sent.

NOTE: Alerts are generated when the device sends a status message that meets the alert conditions. This may take up to 30 seconds from the time conditions are met to the time the alert is sent. These alerts can only serve as helpful tools, and cannot substitute for learned safe driving habits.

# Need a Ride - Setting a Button Alert Depending on Location

Bethany has ballet class after school, and may have to stay late to dance with the all-star troupe if her ballet coach asks her to. The all star troupe dances at a studio near the school. Bethany's mother needs to run errands after work, so she will take the car, but give Bethany the iSight tracking device. Bethany can get a ride to the studio if she needs one, but will need to let her mother know where to pick her up. They agree to set an alert that will allow Bethany to send a text message to her mother's cell phone when she needs a ride home that will tell her mother where she'll be by following the steps below.

- 1. They log in to the iSight website.
- 2. They pan and zoom until the school and the ballet studio are displayed on the map.
- 3. They draw a GeoFence around Bethany's school and another around the ballet studio, making sure to leave enough margin for GPS error both around these locations and between the two GeoFences.
- 4. They create an alert sending the message "Pick me up at school, please," when Bethany presses the + button and is inside the school GeoFence.
- 5. They create an alert sending the message "Pick me up at the studio, please," when Bethany presses the + button and is inside the studio GeoFence.

By pressing only one button, Bethany can now send an alert to her mother's cell phone that gives her location and lets her mother know she's ready to come home.



## Temporary Quiet - Disabling an Alert that Beeps

Ruth will be driving her son's car for the week, while hers is in the shop. They have created an alert that causes their iSight tracking device to beep and e-mail her whenever he drives above 45 mph, because he doesn't need to use any freeways to get to school. Ruth, however, will take the freeway into the city for work after dropping him off for school, and doesn't want to listen to the device morning and evening all week. She follows the steps below to temporarily disable the 45 mph alert.

- 1. She logs in to the iSight website.
- 2. She clicks Advanced > Manage Alerts.
- 3. She clicks the beside the 45 mph alert.

The changes to , indicating that the alert has been deactivated. She will not receive an e-mail and the device will not beep when it detects a speed over 45 mph until she reactivates the alert by following these steps and clicking the .



# **Troubleshooting**

#### **Basic Troubleshooting Steps**

If you are having trouble viewing your device on the *i*Sight website, review this manual and make sure that your display preferences are set correctly. If you still cannot see your device on the map, follow the troubleshooting steps below.

1. Make sure the device is plugged into the cigarette lighter or permanently wired to vehicle power.

Even though there is a backup battery in the device it may have discharged over time and need charging. If the battery is completely discharged it will be necessary to charge it before moving to other steps in this guide. Refer to **Charging the Battery**.

Make sure the device is mounted in the vehicle with a clear view of the sky through the windshield.

Although it is convenient to place the device in a glove box or cup holder this is NOT recommended. The device MUST have a clear view of the sky to operate properly and report consistent speed and location information.

3. Make sure the vehicle is in an open location where there is nothing blocking the sky.

Move the vehicle to an open location where there is nothing blocking the sky, i.e. not in a garage or under a canopy or trees but rather in the driveway with a clear, unobstructed view of the sky. Refer to <a href="GPS">GPS</a>
<a href="Tracking">Tracking</a>.

4. Start the vehicle and make sure that the lights on the device are properly indicating a working unit (see <u>Description of Indicators</u> for an explanation of these lights).

Leave the device and vehicle in this position for at least 2 minutes and check the lights on the front of the unit. The **CALL** light should be blinking, indicating that the device can communicate with the 'Sight website server. The **GPS** light should be blinking, indicating that the device is seeing GPS satellites. If the **ON** light is on solid, this is an indication that the device is properly powered by the vehicle. (If it is flashing, the unit is operating from its internal battery.) The **BAT** light will only blink when the battery is being charged. Drive around your neighborhood for a few minutes to allow the device to report several positions for testing.

5. If the previous steps have been completed successfully, log onto the iSight Web application and check the operation of the device.

Log onto the Sight website and look for the device that you just tested. (Refer to Reading Your Map if needed.) Be certain that the device you are looking for has been selected under Map Settings and Map Preferences.

6. Once you are certain that the device has been selected for display, view the previous 1 or 2 hours and click Zoom to Fit Map.

You should be able to see the device and the small trip you made in your neighborhood. Accuracy may vary slightly from device to device but it should be reasonable.

7. If you do not see your device, it will need to be replaced.

Check your warranty for return policy.



# **Regulatory Information**

#### **FCC**

The modem was tested and certified to meet FCC Parts 15 in a stand-alone configuration, which demonstrated that the GSM2000 Mini-MT complies with Part 15 emission limits. FCC Part 22 & Part 24 are covered by the Enfora Enabler-IIG "modular approval" process for a transmitter. This approach, described by FCC Public Notice DA 00-131407 released June 26, 2000, is intended to afford relief to equipment manufacturers by eliminating the requirement for obtaining a new equipment authorization for the same transmitter when installed in a new device.

In order to use the GSM2000 MINIMT without additional FCC certification approvals, the installation must meet the following conditions:

For the transmitter to meet the MPE categorical exclusion requirements of 2.1091, the ERP must be less than 1.5 watts for personnel separation distance of at least 20 cm (7.9 in). Therefore, the maximum antenna gain cannot exceed +3.3dBi. If greater than 1.5 watts exists, then additional testing and FCC approval is required.

## R&TTE - CE

The GSM2228 Mini-MT modem has been fully tested and complies with all the requirements of EN301 489-1, EN301 489-7 and EN60950-1:2001. Compliance to EN301 511 has been demonstrated by testing on both the GSM2000 and the integrated GSM0108 module.

#### Disclaimer

The information and instructions contained within this publication comply with all FCC, GCF, PTCRB, R&TTE, IMEI and other applicable codes that are in effect at the time of publication. Enfora disclaims all responsibility for any act or omissions, or for breach of law, code or regulation, including local or state codes, performed by a third party.

Enfora strongly recommends that all installations, hookups, transmissions, etc., be performed by persons who are experienced in the fields of radio frequency technologies. Enfora acknowledges that the installation, setup and transmission guidelines contained within this publication are guidelines, and that each installation may have variables outside of the guidelines contained herein. Said variables must be taken into consideration when installing or using the product, and Enfora shall not be responsible for installations or transmissions that fall outside of the parameters set forth in this publication.

Enfora shall not be liable for consequential or incidental damages, injury to any person or property, anticipated or lost profits, loss of time, or other losses incurred by Customer or any third party in connection with the installation of the Products or Customer's failure to comply with the information and instructions contained herein.



# **Safety**

## Keeping Your Data Safe

The iSight tracking device tracks the location of your vehicle and its passengers as long as the device is powered on. This information, while a valuable family resource, could also be dangerous in the hands of stalkers, thieves, and anyone with criminal intent. It is **your responsibility** to keep your personal log on information secure and prevent unauthorized surveillance of your vehicle.

## **Approved Accessories**

Use only approved Accessories with your iSight tracking device, and do not connect incompatible products. Accessories approved for use with your device are shown in **Accessories**.

## Where Operation Is Prohibited

The iSight tracking device is not approved for use anywhere that cell phones are prohibited such as hospitals, aircraft, near explosive environments, etc. In these locations or environments, the device must be disabled by either removing the battery and reinstalling it rotated 180° or removing the battery completely and storing it separate from the device.

NOTE: The battery must be rotated, and NOT simply flipped over. Due to the shape of the battery, flipping it and inserting it will make the battery very difficult to extract.

Being aware of and obeying all federal, state, and local restrictions on the use of the *i*Sight tracking device and similar devices is the responsibility of the owner.

## **Battery Disposal**

Lithium ion batteries are classified by the federal government as non-hazardous waste and are safe for disposal in the normal municipal waste stream. These batteries, however, do contain recyclable materials and are accepted for recycling by the Rechargeable Battery Recycling Corporation's (RBRC's) Battery Recycling Program. Please call 1-800-8-BATTERY for information on recycling your used Lithium Ion battery, or go to the RBRC website at <a href="https://www.rbrc.org">www.rbrc.org</a> for additional information.