



**Location Based<sup>®</sup>**  
TECHNOLOGIES  
YOUR WORLD LOCATED

## GPS ASSET TRACKING SOLUTION

### PF-886 GPS DEVICE **USER GUIDE**

The easiest way to have full control of all your assets  
anywhere in the world!

- Easy Set-up & Activation
- Web & Mobile Access
- Full Support

# TABLE OF CONTENTS

<b>SECTION 1: GETTING STARTED</b> .....	<b>3</b>
1.1 Unpacking Contents .....	3
1.2 How to Install & Activate.....	3
1.3 How to Log-in .....	4
1.4 Online Web Guide.....	4
<b>SECTION 2: GLOBAL TABS HOMEPAGE</b> .....	<b>5</b>
2.1 Dashboard View .....	6
2.2 Asset Icons.....	7
2.3 Asset Icon Customization .....	7
2.4 Selecting A View .....	8
2.5 Address Search.....	10
<b>SECTION 3: DEVICE SPECIFIC INFORMATION</b> .....	<b>11</b>
3.1 History.....	12
3.2 Zones.....	15
3.3 Speed Limit .....	20
3.4 Power.....	20
3.5 Device Info .....	22
<b>SECTION 4: ALERTS &amp; REPORTS</b> .....	<b>24</b>
4.1 Alerts .....	24
4.2 Reports.....	25
4.3 Zone & Speed Reports .....	26
4.4 Third Wire Reports .....	27
4.5 Low Battery Report .....	28
4.6 Movement Reports.....	29
<b>SECTION 5: MY ACCOUNT</b> .....	<b>30</b>
5.1 Account Holder Information .....	30
5.2 Change Password.....	31
5.3 Contact Book.....	31
5.4 Manage Users.....	32
5.5 Account Information .....	32
<b>SECTION 6: ZONE BANK</b> .....	<b>33</b>
6.1 Existing Zones .....	34
6.2 Applied Devices .....	34
6.3 Assigning Devices To Zones.....	35
6.4 Editing a Zone in the Zone Bank.....	36
<b>SECTION 7: REFERENCE GUIDE</b> .....	<b>39</b>
7.1 Tech Support.....	41
7.2 Frequently Asked Questions .....	41
7.3 About Location Based Technologies, Inc.....	43
7.4 Company Contact Information .....	43
<b>SECTION 8: FCC/ICC Compliance</b> .....	<b>44</b>

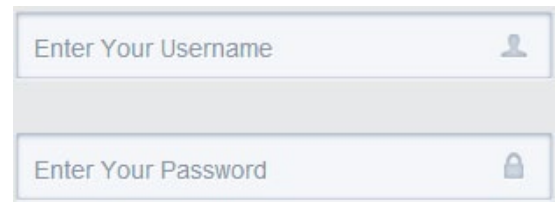
# SECTION 1: GETTING STARTED

## PF – 886 Mobile GPS Tracking Solution

A reliable and easy to use GPS tracking solution, the PF-886 helps you improve service and reduce costs through better asset utilization.

The mobile app platform and simple to use web interface provides on-the-go visibility and helps your business locate and manage assets without the high costs of expensive asset tracking systems.

The PF-886 GPS tracking device provides tracking with long-term battery power or when tethered to a power source to locate equipment, freight and/or vehicles. For quick reference, write your username and password below.



Enter Your Username

Enter Your Password

## 1.1 Unpacking Contents

Here is what your PF-886 Kit includes,

- PF-886 Unit with 7-pin Wire Port
- Mounting Bracket with Magnet (or attach sheet metal screws, not included)
- Magnetic Mounting Washer
- GPS Antenna (under logo)
- Wire Connector
  - Power – Red
  - Ground – Black
  - Alternate Wires

Follow the installation guide for complete set-up.

## 1.2 How to Install & Activate

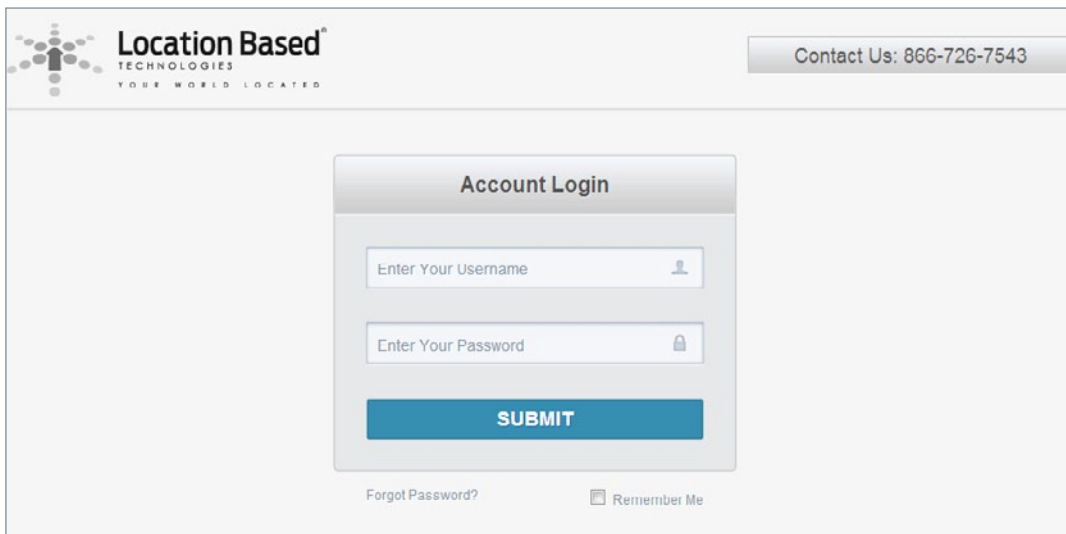
Please refer to attached instructions for the process of activating and installing the PF-886 GPS asset tracking device.

## 1.3 How to Log-in

Logging in is as simple as tracking your asset, with Location Based Technologies easy to use web-based software platform, you can easily track all your assets on any web browser, on any computer, anywhere in the world! Begin by going to the LBT Website: <http://www.locationbasedtech.com/>

1. Enter Login: **valued.client**
2. Enter Password: **password01**
3. Click "Submit"

It really is that easy!



The screenshot shows the 'Account Login' interface for Location Based Technologies. At the top left is the company logo with the tagline 'YOUR WORLD LOCATED'. At the top right is a contact number: 'Contact Us: 866-726-7543'. The main login area is a grey box titled 'Account Login' containing two input fields: 'Enter Your Username' with a user icon and 'Enter Your Password' with a lock icon. Below these is a blue 'SUBMIT' button. At the bottom of the login box are links for 'Forgot Password?' and a 'Remember Me' checkbox.

## 1.4 Online Web Guide

Enjoy this simple to use web-based software platform that provides an intuitive account interface that utilizes Google premier mapping and designed for anyone in your organization. Quickly see all your devices on a map and easily locate individual devices for location and account settings.

Enjoy all the same benefits and features of the web-based version, optimized for mobile browsing, from your smartphone or tablet. Have on-the-go convenience for iOS and Android mobile devices via the PocketFinder 2 mobile app.

This section is designed to assist with logging in, as well, as provide detailed information on the user account interface and its different viewing features and functions.

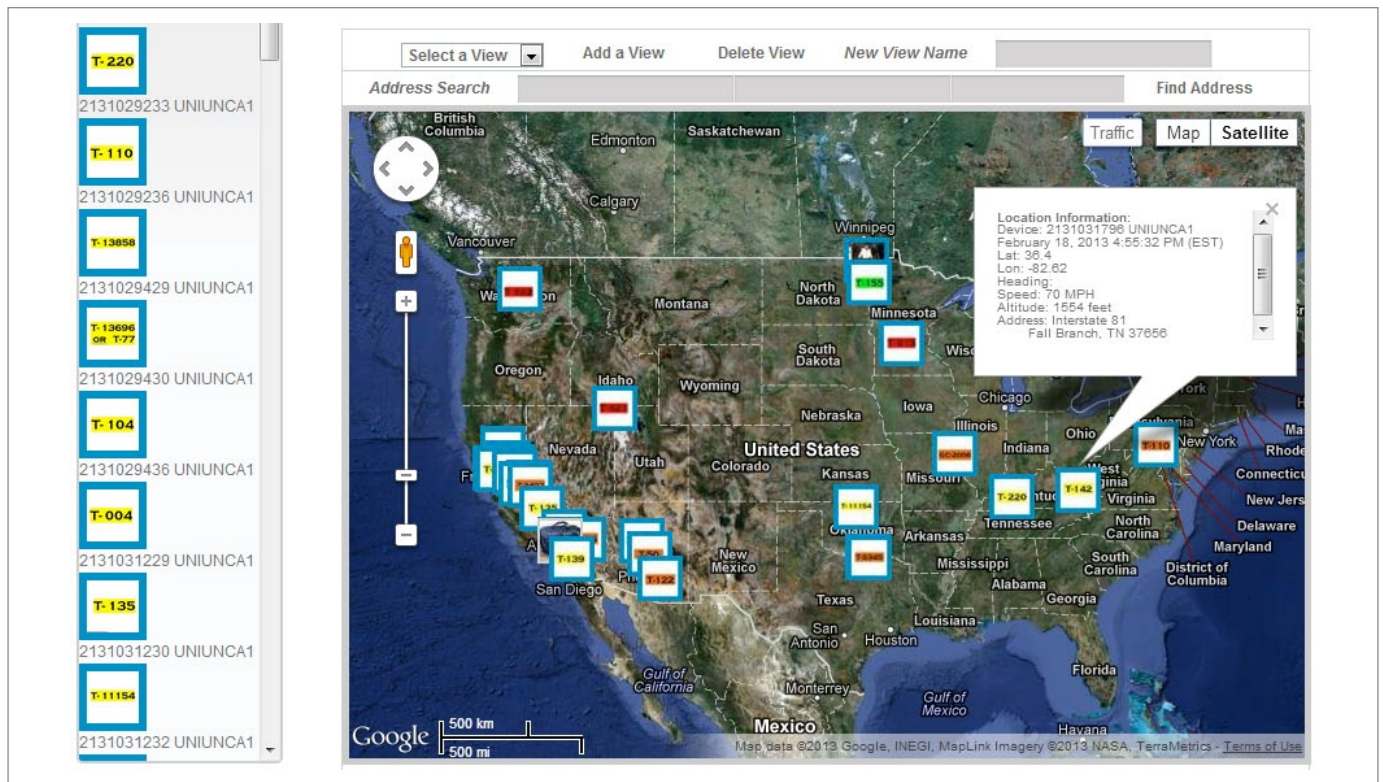
# SECTION 2: GLOBAL TABS HOMEPAGE



Support - Logout  
Contact Us: 866-726-7543

[Dashboard](#) [Alerts](#) [Reports](#) [My Account](#) [Zone Bank](#)

With five Global Tabs at the top, users start their experience at the “Dashboard” homepage tab once they log-in. It shows all the devices in a list-view on the left-hand side and on a map which scales accordingly to show all your registered devices.

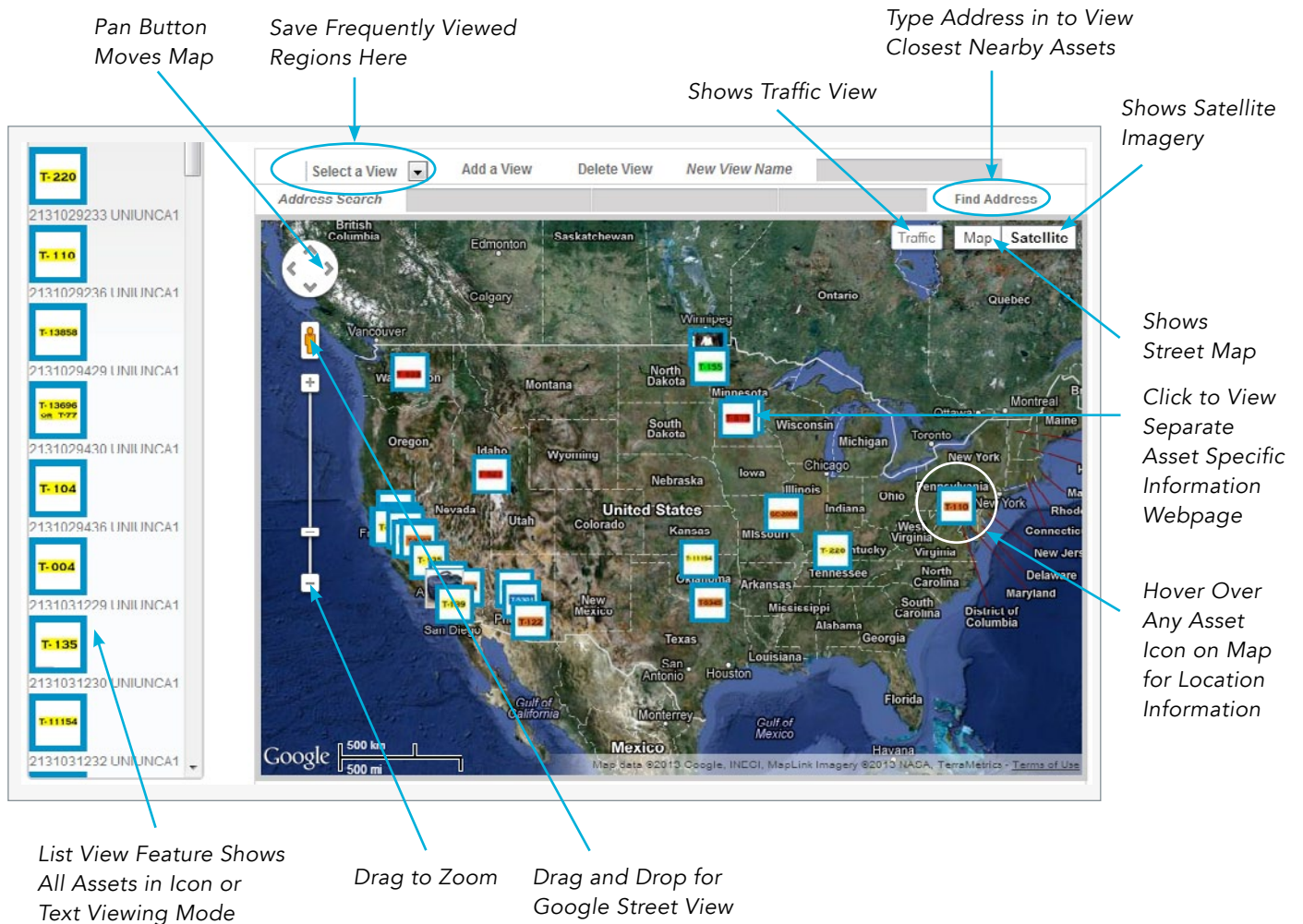


Mouse over any asset icon to see its Location Information, for example, when it last updated, current location, speed and direction. You can even see which assets are stationary or moving, the asset icon flashes on screen indicating when the PF-886 Asset Tracking Device is moving.

## 2.1 Dashboard View

The Dashboard view with Google premier mapping provides a clear and accessible way to view each asset, anywhere in the world. Leveraging a web-based platform with iOS and Android apps for mobile devices, it allows unprecedented "on-the-go" access and unparalleled asset management reporting.

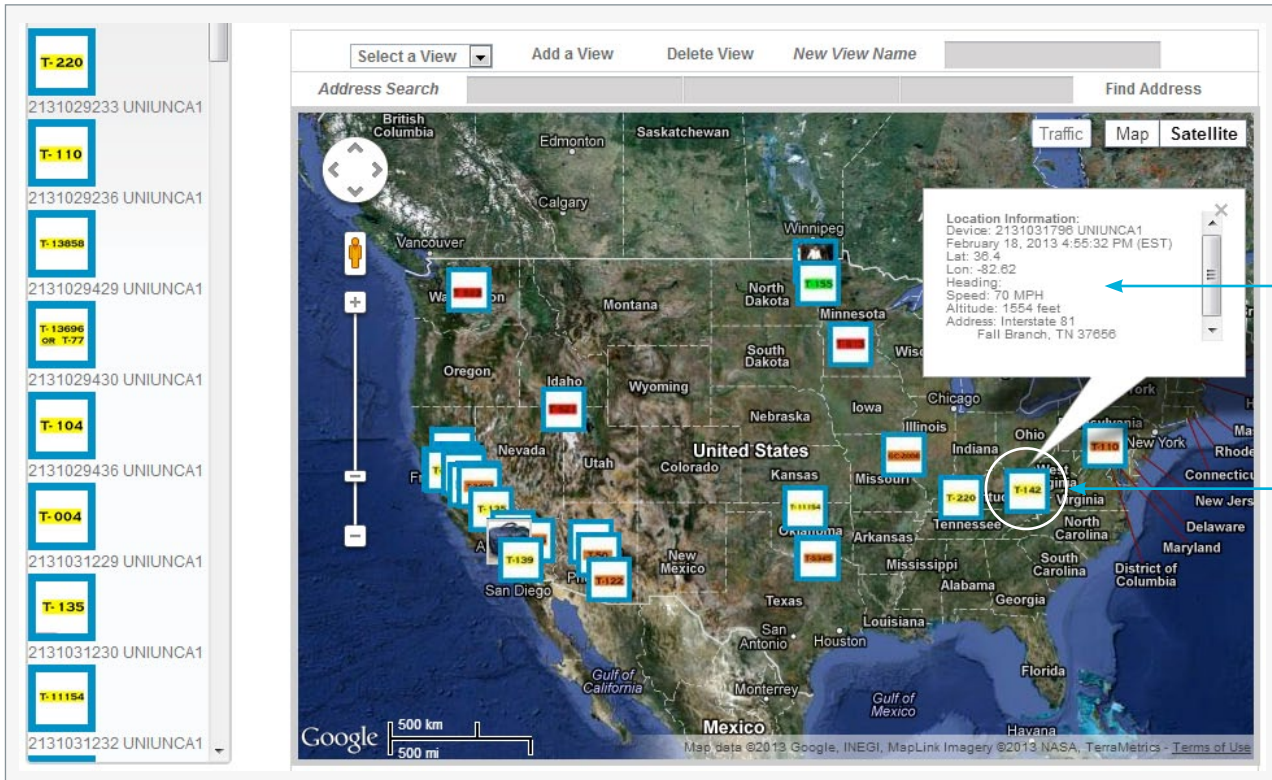
See a graphical description below, highlighting the Dashboard's different features and functions.



## 2.2 Asset Icons

Once the PF-886 GPS asset tracking device has been successfully installed on each asset and activated (see section 1.2 for instructions), you will see each asset represented on the Dashboard Map by an icon.

By hovering over the asset icon on the Dashboard map, you can see device-specific location information such as name, date last updated, lat/long, direction, speed, altitude and address.



The screenshot shows a web-based dashboard for asset tracking. On the left is a vertical list of asset icons, each with a unique ID and the text 'UNIUNCA1'. The main area is a map of the United States with several asset icons placed across it. A tooltip window is open over one icon, displaying the following information:

- Location Information:
- Device: 2131031796 UNIUNCA1
- February 18, 2013 4:55:32 PM (EST)
- Lat: 36.4
- Lon: -82.62
- Heading:
- Speed: 70 MPH
- Altitude: 1554 feet
- Address: Interstate 81  
Fall Branch, TN 37656

Two blue arrows point from the text labels 'Asset Specific Location Information' and 'Asset Icon' to the tooltip and a map icon respectively.

## 2.3 Asset Icon Customization

Each icon's name and picture may be customized and changed at any time by the key account user or any personnel granted access (see section 3 & 4 for set-up details).



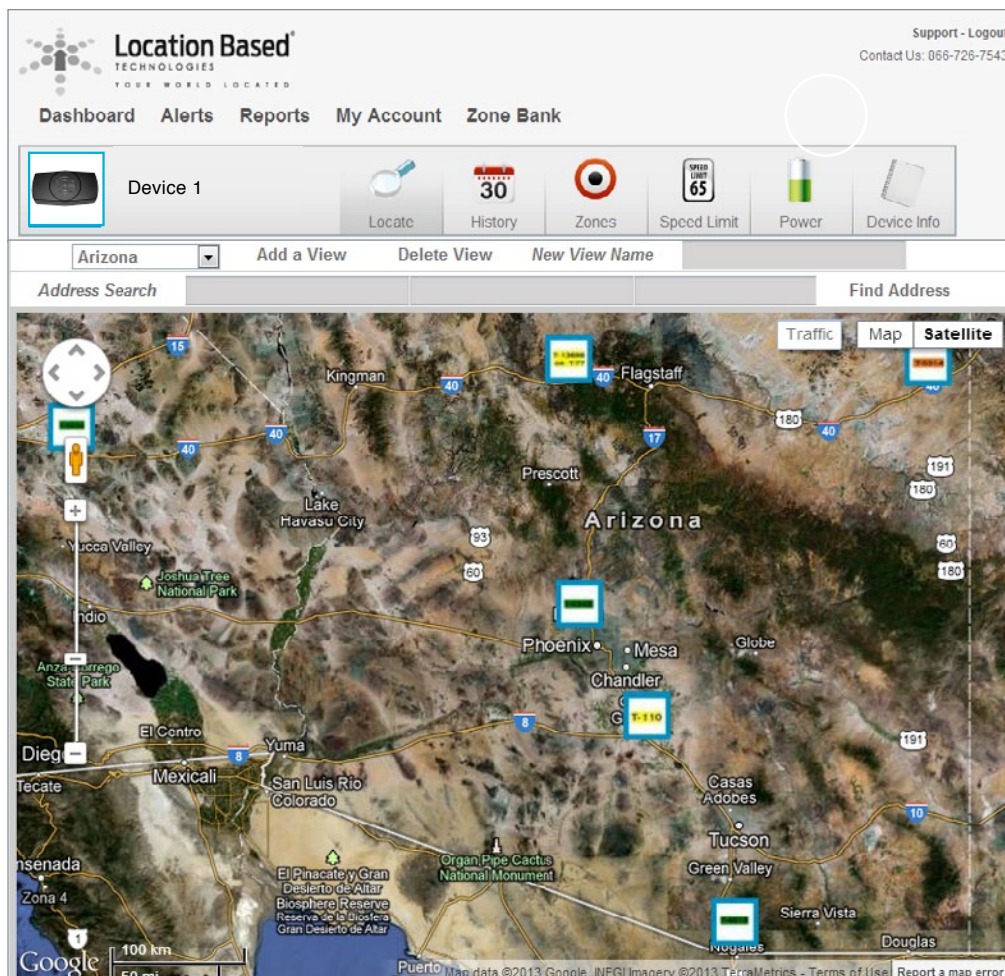
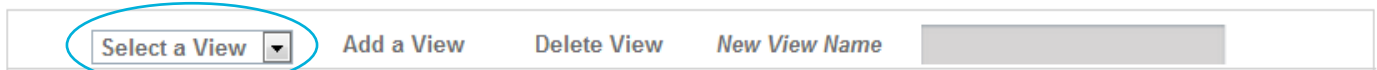
## 2.4 Selecting A View

The Dashboard homepage allows for additional customized views from which to manage and track your assets. The Dashboard map is the default starting page designed for ease and efficiency, see below for viewing option descriptions.

### Select a View

With this feature, geographical views can be saved for quick and easy viewing at the click of a button. Simply click on "Select a View" and highlight any saved view to automatically have it loaded.

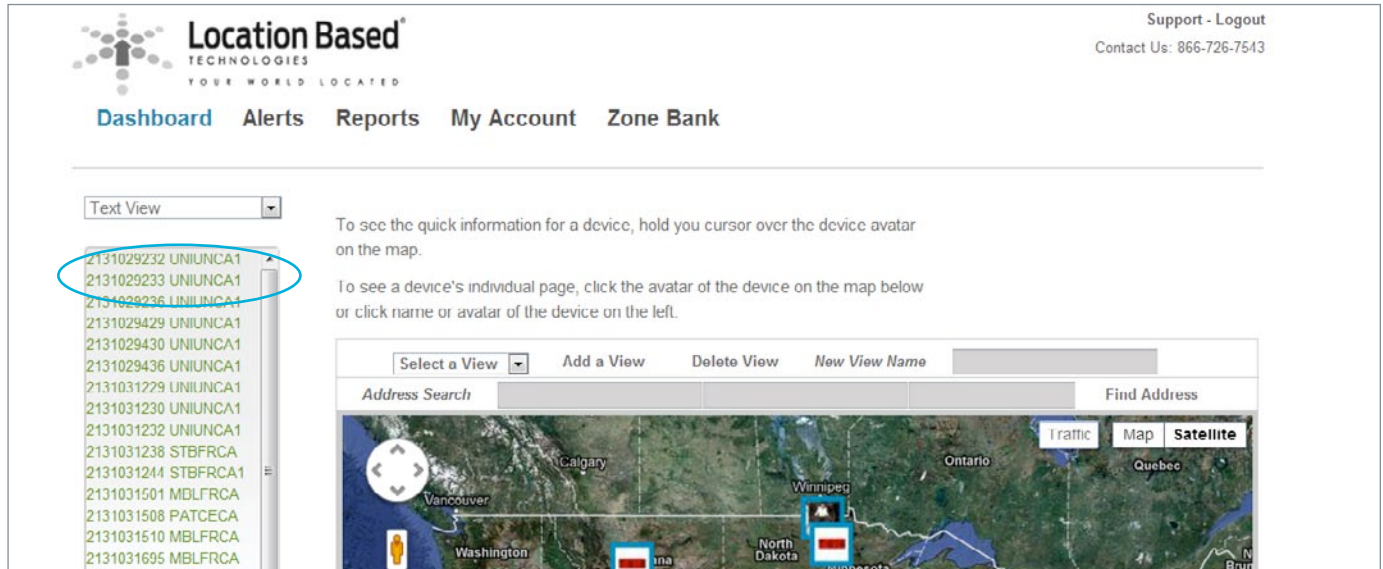
For example, users can save state-specific views, assets in different states can save state-specific views such as Arizona (see below) or any other region allowing for multiple users to view only assets they manage or control without having to zoom-in or maneuver over the Dashboard map.





## Text View

To the left of the map on the Dashboard Homepage is a complete list of all assets. Text View is the default view.



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Dashboard Alerts Reports My Account Zone Bank

Text View

To see the quick information for a device, hold you cursor over the device avatar on the map.

To see a device's individual page, click the avatar of the device on the map below or click name or avatar of the device on the left.

Select a View Add a View Delete View New View Name

Address Search Find Address

Traffic Map Satellite

Winnipeg

Washington

North Dakota

Minnesota

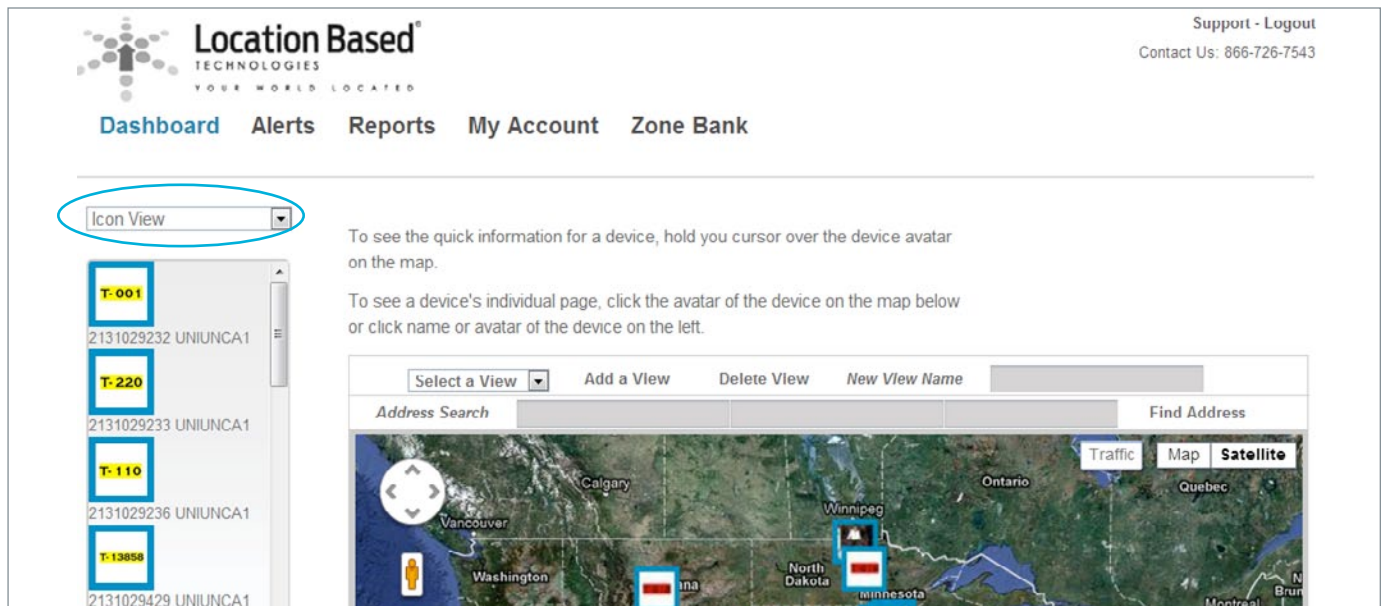
Ontario

Quebec

2131029232 UNIUNCA1  
2131029233 UNIUNCA1  
2131029236 UNIUNCA1  
2131029429 UNIUNCA1  
2131029430 UNIUNCA1  
2131029436 UNIUNCA1  
2131031229 UNIUNCA1  
2131031230 UNIUNCA1  
2131031232 UNIUNCA1  
2131031238 STBFRCA  
2131031244 STBFRCA1  
2131031501 MBLFRCA  
2131031508 PATCECA  
2131031510 MBLFRCA  
2131031695 MBLFRCA

## Icon View

This viewing feature allows for the asset icons to appear in the listing column on the left side of the Dashboard viewing map for quick recognition.



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Icon View

To see the quick information for a device, hold you cursor over the device avatar on the map.

To see a device's individual page, click the avatar of the device on the map below or click name or avatar of the device on the left.

Select a View Add a View Delete View New View Name

Address Search Find Address

Traffic Map Satellite

Winnipeg

Washington

North Dakota

Minnesota

Ontario

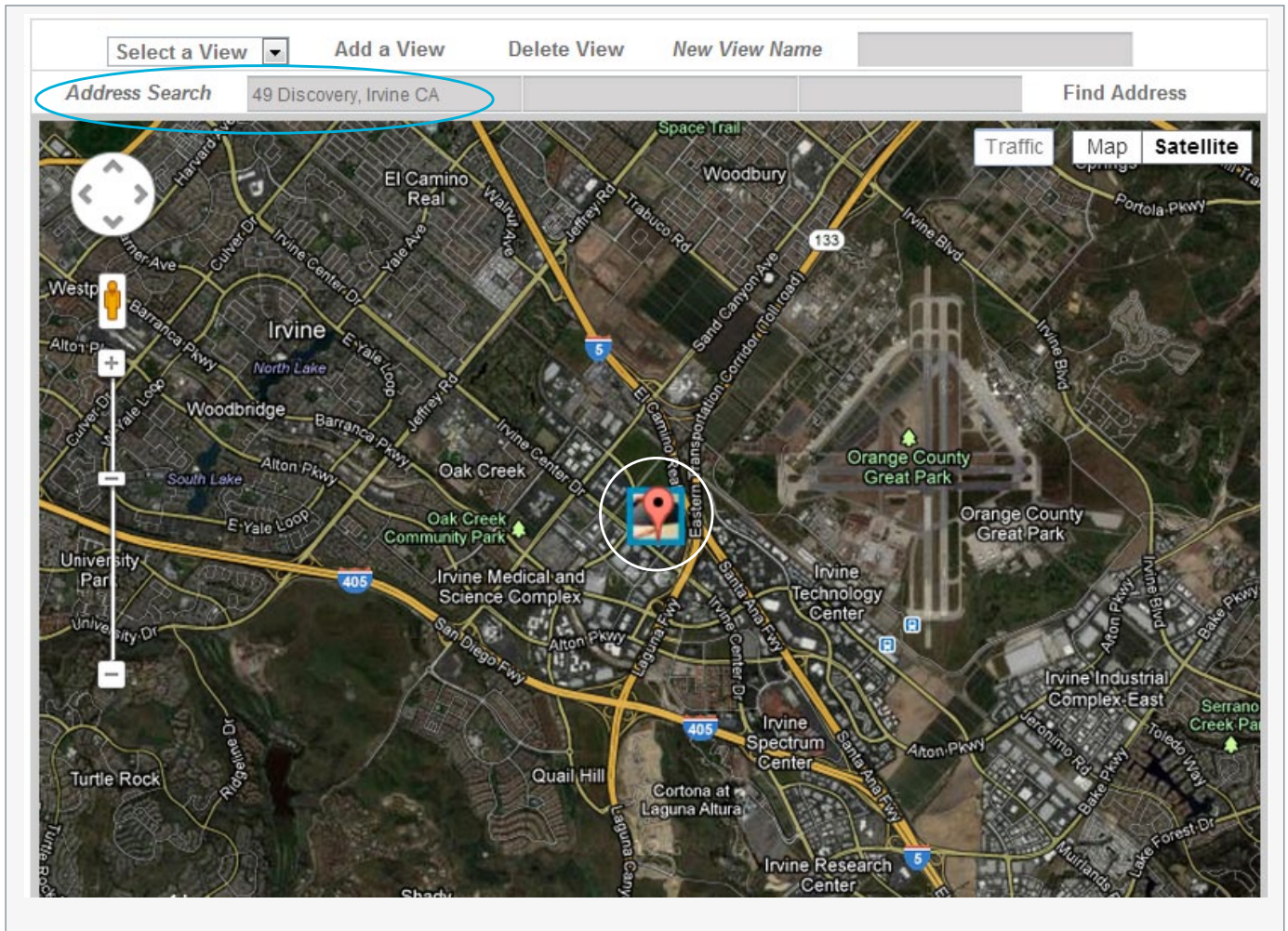
Quebec

T:001  
2131029232 UNIUNCA1  
T:220  
2131029233 UNIUNCA1  
T:110  
2131029236 UNIUNCA1  
T:13858  
2131029429 UNIUNCA1

## 2.5 Address Search

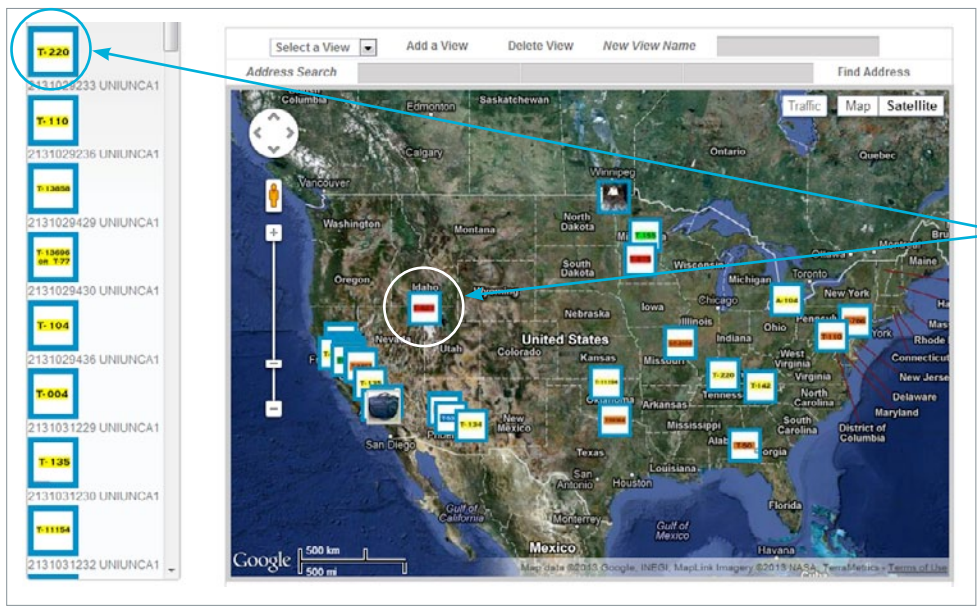
With the Address Search feature, type in any address in the search field located just above the Dashboard map and click on "Find Address". Address will appear on map in relation to your closest asset.

Zoom out as necessary to find nearest asset. Perfect for responding to last minute unplanned requests, efficient routing and establishing accurate estimated time of arrivals.



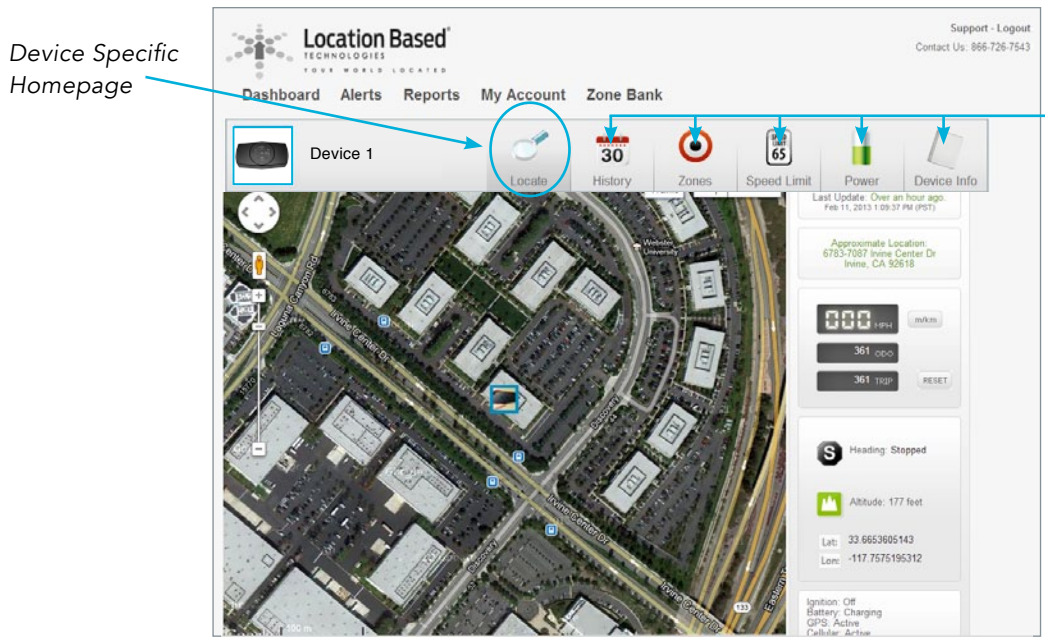
# SECTION 3: DEVICE SPECIFIC INFORMATION

The PF-886 and its web based platform allows for detailed asset information like location, history, zone, speed and power management that can all be found by clicking on an asset icon appearing on the Dashboard map or by clicking on any asset icon listed on the left hand column.



Click on Either Asset Icon for Device Specific Info

A device specific homepage provides easy and simple to use asset tracking sub-tabs..



Device Specific Homepage

Device Specific Asset Tracking Sub-Tabs

### 3.1 History

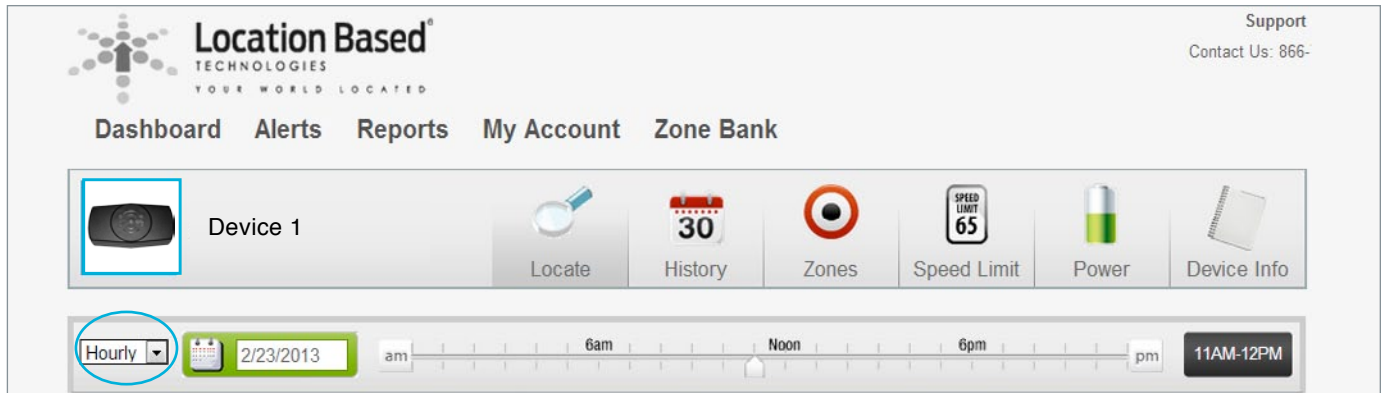
Asset tracking has never been easier, the History sub-tab allows users the ability to track and view the whereabouts of an asset by the day or hour, by date and by time. A blue PF886 tag shows the movements of the device in numerical sequence for the designated period which is all downloadable. History is kept for a rolling 60 days.

Hourly/Daily History Drop-Down Button      60-Day Calendar Drop-Down Menu      Device Tracking Timeline

The screenshot displays the Location Based Technologies web interface. At the top, the logo and navigation menu (Dashboard, Alerts, Reports, My Account, Zone Bank) are visible. Below the menu is a device status bar for 'Device 1' with icons for Locate, History, Zones, Speed Limit, Power, and Device Info. The History tab is active, showing a date selector for 2/23/2013 and a time range from 11AM to 12PM. The main map area shows a satellite view of a residential area with 14 numbered blue location markers indicating the device's path. Three blue arrows point from the text labels above to the 'Hourly' dropdown, the date selector, and the timeline.

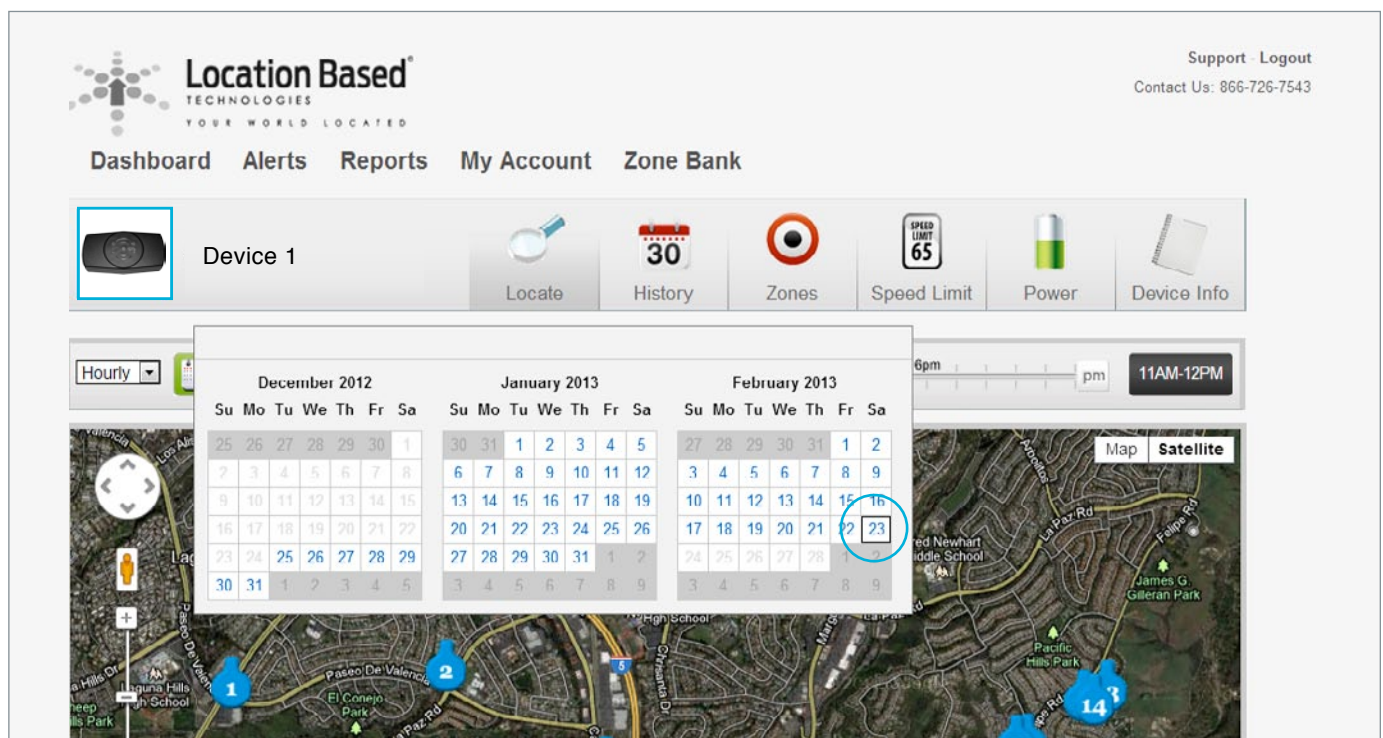
## Hourly History Drop-Down

To change tracking history from Hourly to Daily just click on the Hourly drop-down button.



## 60-Day Calendar Drop-Down Menu

Select a target date to view asset history details by clicking on the Calendar drop-down menu next to the Hourly drop-down button to select a specific date to see device activity.



## Device Tracking Timeline

The Device Tracking Timeline feature allows users to view the detailed history of an asset during a specific hour of the day on the date selected.

The screenshot displays the Device Tracking Timeline interface. At the top, there is a header for 'Device 1' with a camera icon. Below this are several navigation buttons: 'Locate', 'History', 'Zones', 'Speed Limit', 'Power', and 'Device Info'. A timeline for the date '2/23/2013' is shown, with a clock face indicating the time '10:00 AM' circled in blue. The main area is a satellite map of Laguna Hills, CA, with a blue circle and the number '10' indicating the device's location at that time. The map includes labels for 'Laguna Hills High School', 'Sheep Hills Park', and various streets.

## Download History

All history device tracking details are available for PDF and CSV download at the click of a button allowing for easy and efficient asset tracking management and reporting.

The screenshot shows a Google Maps interface with a satellite view of a landscape. A blue circle highlights a button labeled 'Download History to a PDF'. The map includes labels for 'Oologah Lake', 'Vinita', and 'Grove'. A scale bar indicates 20 km and 10 mi. The bottom of the map shows the text 'Map data ©2013 Google Imagery ©2013 TerraMetrics - Terms of Use Report a map error' and a note: 'Note: Satellite photos images may be up to a year old.'

## 3.2 Zones

A user-selected tracking parameter may be set-up around a specific location or asset and identified as a zone. The feature allows for SMS Text or Email Notification when an asset enters and/or exits a designated area.

Find Device

List of Already Existing Zones

Zones Sub-Tab

Support - Logout  
Contact Us: 866 726 7543

Dashboard Alerts Reports My Account Zone Bank

Device 1

Locate History Zones Speed Limit Power Device Info

Create a Zone Find... My Zones... Toggle Zone Hide/Show ON OFF

To create a new zone for your device, **Start Here!** You can also view or edit a zone you've already created by selecting the zone from the "My Zones" toolbar located at the top of the map.

Map Satellite

Create a New Zone Button

Zones Toolbar

Click to Hide or Show Zones on Map

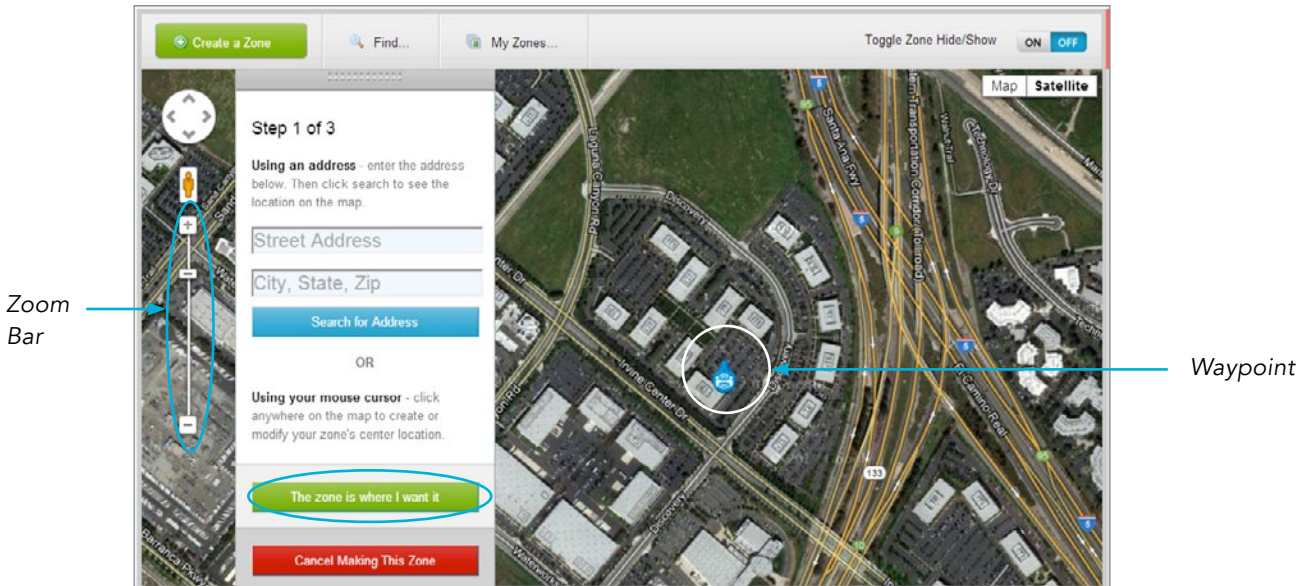
## Creating a New Zone

After clicking on "Create a Zone" or "Start Here" buttons, begin creating a new zone in 3 easy steps.

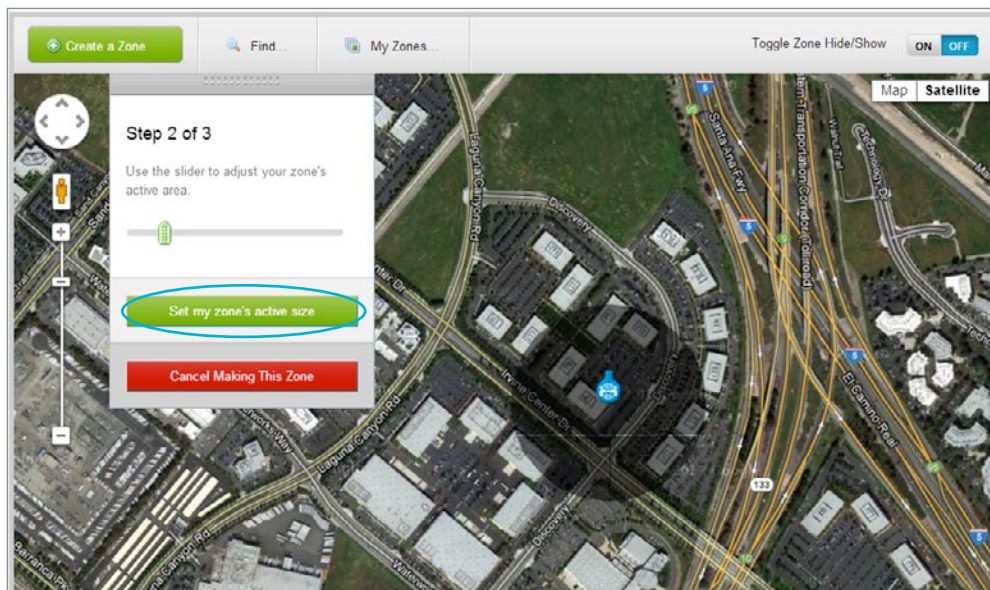
**Step 1:** Enter an address you'd like to create a zone around or click on a location on the map where you'd like to create a zone and a blue waypoint will mark the center of the zone.

Once the center of your zone is where you want it, click the green "The Zone is Where I Want it" button.

Zooming your map out, before step 2, allows creation of larger zones up to 500 miles radius and provides options for creating zones within zones.



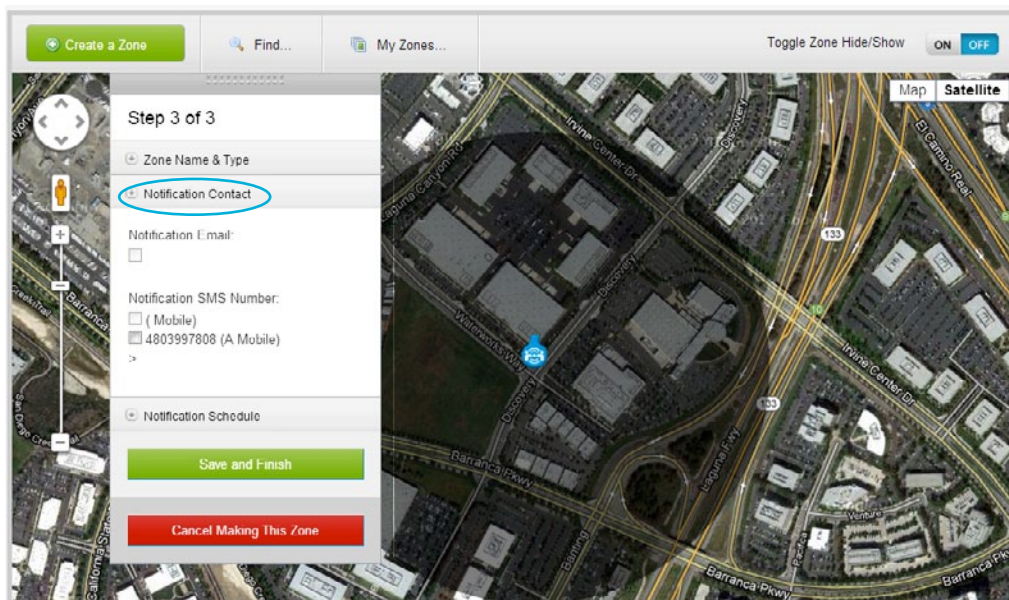
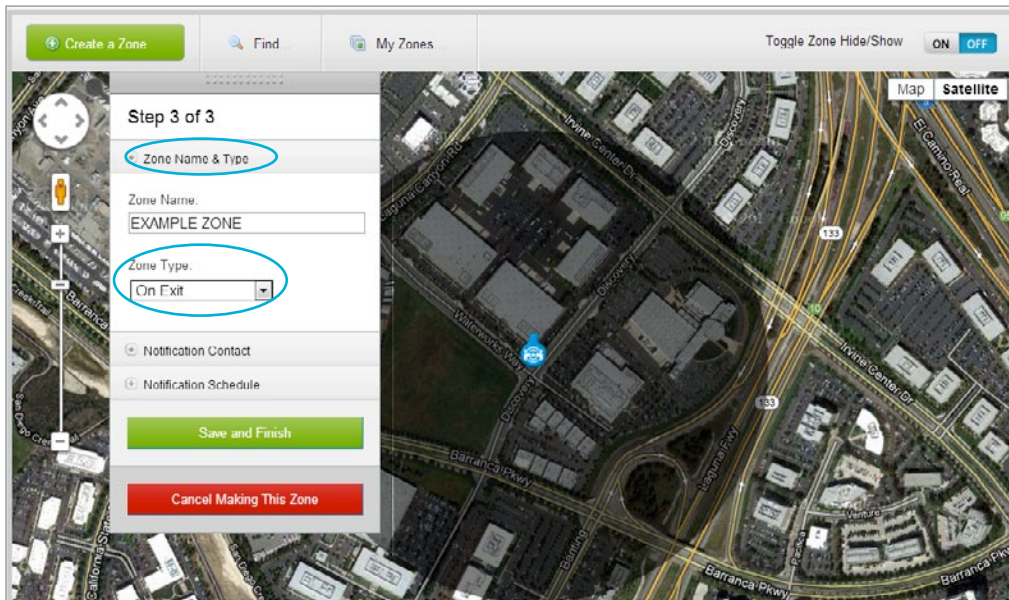
**Step 2:** Set the size of your zone by moving the slider to expand or shrink the zone size. Then select the green "Set My Zone's Active Size" button to continue.

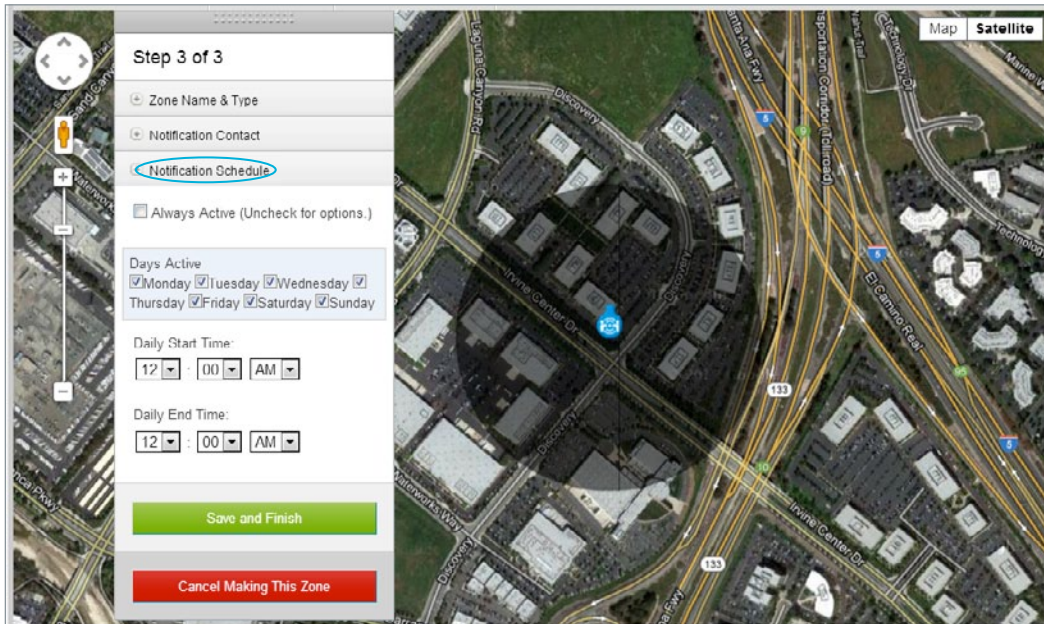




**Step 3:** Name, determine type of zone, set notification contacts and schedule.

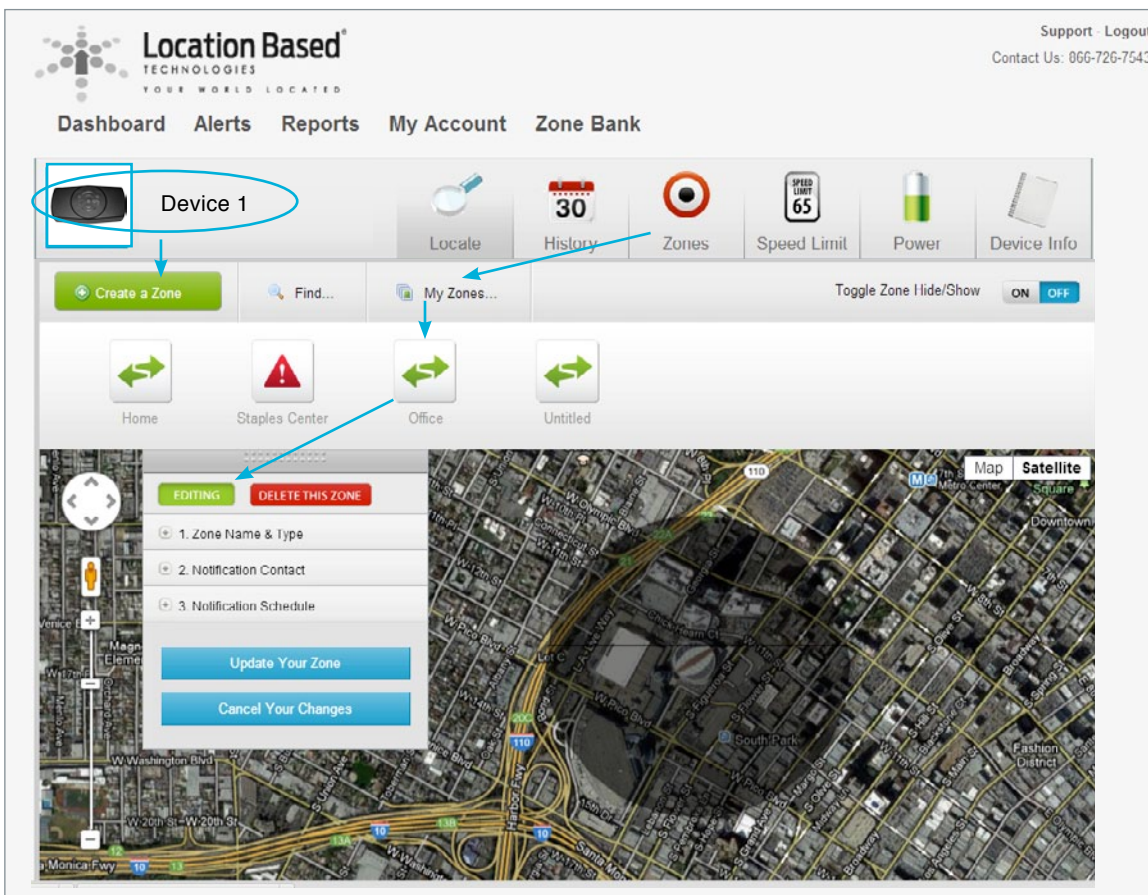
- Zones can be set for notification upon "Enter", "Exit" or both "Enter and Exit"
- Notification can be set to multiple SMS and email contacts
- All zones are active 24/7 unless modified by day or hour





### Editing a Zone.

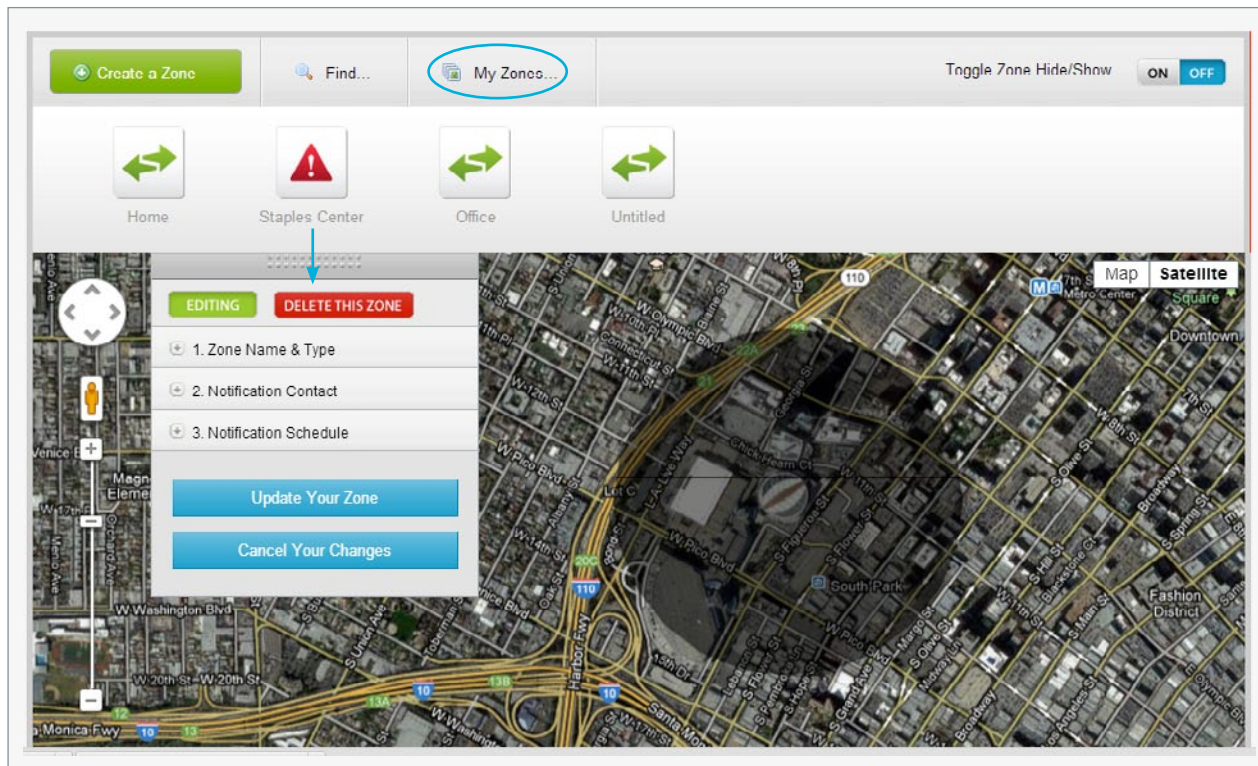
Click on an asset icon from the general Dashboard map and be directed to the Device Specific Homepage and click on the Zones sub-tab. From here, click on "My Zones" and select a saved zone and begin editing.



## My Zones

Click here to find and edit or delete all saved zones under a specific device.

Once all edits are complete, click the "Update Your Zone" button to save changes or cancel them by clicking the "Cancel Your Changes button". For more details on editing a zone, see Section 6.4.



### 3.3 Speed Limit

Set a speed limit on an asset that will send notification via SMS or email when the device has gone beyond the set speed. Simply select the maximum speed from the drop-down and check the type of notification to receive, and hit SAVE. That's it!

### 3.4 Power

The battery life of your device, when untethered, is influenced by a number of variables: frequency of locates, strength of wireless and satellite signals.

#### Power Settings

Under Power Management select the frequency of locates such as 1x, 2x, 4x per day and even as often as every 10 or 2 minutes (Track Mode). Airplane Mode suspends both wireless and satellite connectivity for the designated period of time as does the 1x, 2x and 4x power settings. Changes to these power settings will only occur when the device again connects at its scheduled time.

Click on the preferred power setting and a green check will mark your selection, then hit save. To adjust hours in Airplane Mode click the drop-down menu and select the desired duration.

**Dashboard Alerts Reports My Account Zone Bank**

Device 1

Locate History Zones Speed Limit Power Device Info

### Power Management

Battery life is influenced by a number of variables. For example, 2 minute connections will consume more battery power than 10 minute connections. A device in an area where the GPS or wireless signals are not available will work harder to connect with a signal and use additional power. Most customers charge their PocketFinder like they would their cell phone.

Locates Every Off Duration 2 hours Airplane Mode	Locates Every 1x per day Zone Alerts Every 1x per day	Locates Every 2x per day Zone Alerts Every 2x per day	Locates Every 4x per day Zone Alerts Every 4x per day	Locates Every 10 Min Zone Alerts Every 5 Min	Locates Every 2 Min Zone Alerts Every 2 Min Track Mode
--	--	--	--	---	--

Note: Once you click "save" your device cannot be changed to another power setting until the device locates again at its next interval or is placed on the charger.

Save

Customize Hours in Airplane Mode

Pre-Set Power Settings

Checkmark Confirmation

Battery life is affected by the power setting selected, for example, if set to the most frequent locate setting of every 2-minutes then the device will update its location and the necessary connections will consume more battery power than updates occurring every 10 minutes.

*\*Additional factors influencing length of battery charge is when a device is in an area where the GPS or wireless signals are not available and will therefore work harder to connect with a signal and use more power.*

### Low Battery Notification

Users can be alerted via text or email when battery levels hit a certain threshold, just click on the level you wish to be notified, check the type of notification and hit SAVE.

## Low Battery Notification

You will be notified via the contact information you set below when the battery level falls below the percent set. Contact email and SMS numbers can be added under the green "My account" tab.

**Set your minimum battery level:**  *Select Battery Level*

**Email Notification:**  *Select Notification Type*

**SMS Notification:**  ( Mobile) *Select Notification Type*  
 4803997808 (A Mobile)

*Hit Save*

### 3.5 Device Info

An Asset Icon can have its name and picture customized from the Identification Settings under the Device Info sub-tab. Additional general device information like VIN, license plate and mileage at the time of install may be logged for asset tracking management purposes.

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Support - Logout  
Contact Us: 866-726-7543

Dashboard Alerts Reports My Account Zone Bank

Device 1

Locate History Zones Speed Limit Power Device Info

Identification Settings

Select an icon for your device. ← Click to Change Asset Icon Photo

General Device Information ← Click to Change Device Name

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#### Changing Asset Icon Picture

Simply select from one of the default images under Select an Icon for Your Device, or upload your own. Just click on your favorite option and select.

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Dashboard Alerts Reports My Account Zone Bank

Device 1

Locate History Zones Speed Limit Power Device Info

Identification Settings

Select an icon for your device.

You can select from a variety of default icon images for use.  
Click [here](#) to view a list of icons to choose from.

or Upload your own photo

Browse...

Photos may not contain nudity, violent or offensive material, or copyrighted images. If you violate these terms your photo may be deleted. Photos must be less than 5MB and in either GIF or JPG format.

## Changing Device Name & General Information

To customize a device name as it appears on the Asset Icon, type name of choice in the Device Name field along with any other general information and click SAVE.

**General Device Information**

Device Name:

Driver First:

Driver Last:

Truck Type:

Truck Number:

VIN:

License Plate:

Mileage at Install:

Click Save to Finalize Changes

# SECTION 4: ALERTS & REPORTS

The system provides convenient auto-alerts and efficient user-friendly reporting, each with their own Global Tab – Alerts and Reports. Asset tracking has never been easier by providing users a central hub of alerts and reports that are all kept in an easy-to-find list where they can be viewed and managed.

## 4.1 Alerts

Under the Alerts Homepage Tab, users will find a list of Speed Limit, Zone Alerts and Low Battery Alerts they've previously set (see Section 3) where they can sort by Device, Date, Type of Alert and delete unwanted alerts.

Speed Limit Alerts are listed every time an asset goes faster than the user-set speed allowed. Zone Alerts are also listed here when an asset moves in or out of a zone (or both), depending on user-selection.

To check the alert of an asset in the History map view, just click on the hyperlink green text for alert details.

The screenshot shows the 'Alerts' tab of the Location Based Technologies interface. At the top right, there is a 'Support - Logout' link and a contact number '866-726-7543'. Below the navigation bar (Dashboard, Alerts, Reports, My Account, Zone Bank), a message says 'Click on green text to link to map view of alert in "History" tab.' Below this are four buttons: 'Check All', 'Uncheck All', 'Delete', and 'Delete All'. To the right of these buttons is a 'Sort by:' dropdown menu currently set to 'Type of Alert'. A list of alerts follows, each with a checkbox and a green hyperlink for details. Annotations with arrows point to the 'Check All' button, the 'Sort by:' dropdown, and the green hyperlinks in the alert list.

Check to Delete

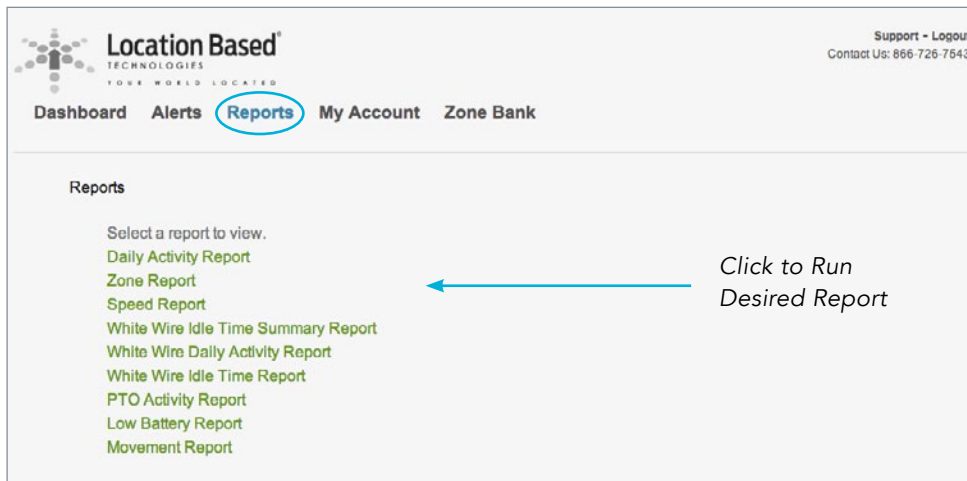
Click to Sort by:  
Device, Date and  
Type of Alert

Click Hyperlink for  
History Map View



## 4.2 Reports

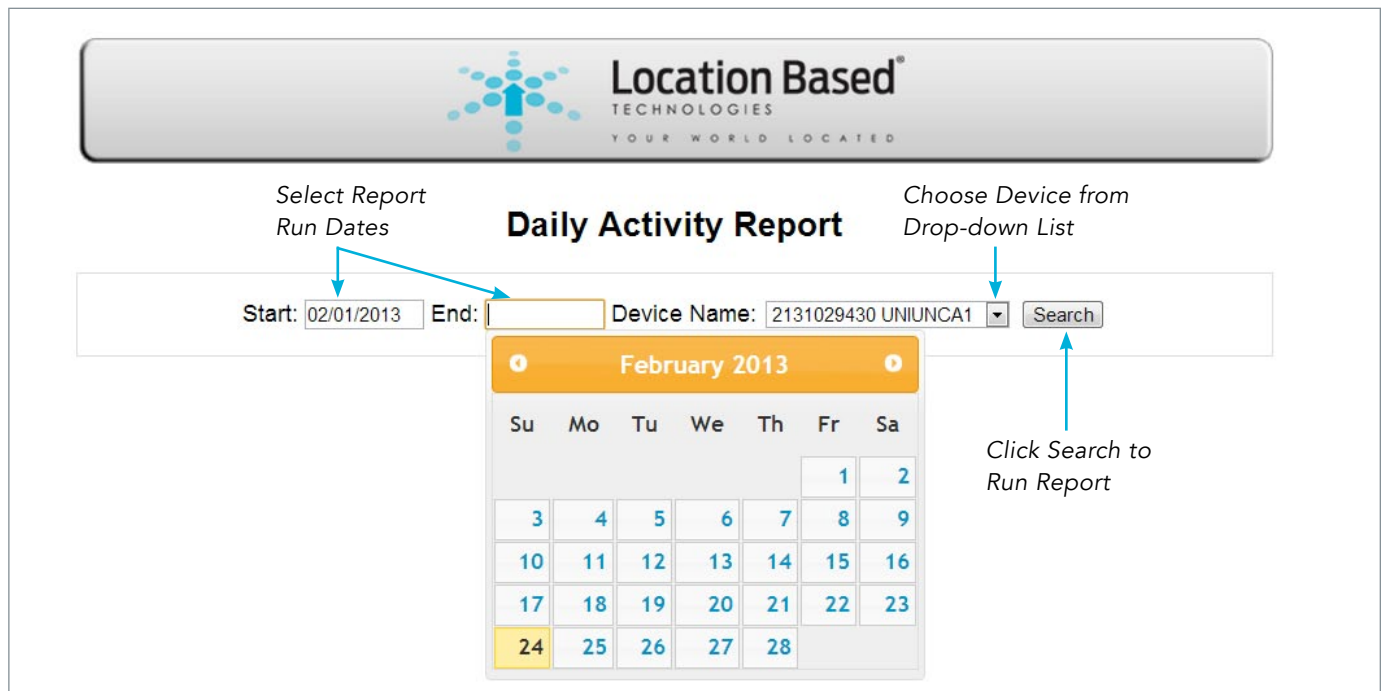
For quick and easy reporting, all reports are generated with essentially the same basic information – Start Date, End Date and the Device Name with Zone Reports having a drop-down for pre-set zones.



A user simply needs to click on the type of report they wish to run and fill in the basic information and hit search. That's it! All reports can be exported to Excel at the click of a button.

### 3-Step Report Process:

1. Select Type of Report
2. Fill in Basic Information
3. Hit Search



## 4.3 Zone & Speed Reports

Any device can have its speed and zone alerts reported by filling in the basic information like date range, zone name and device name to track. Speed and zone alert reports can also be run searching "All" devices for the set time period.

### Zone Report

This feature allows users to identify which devices have entered or exited a specific zone during a set period of time. The report details date, time and even hyperlinks to history. All user-created zones will appear in the Zone Drop-Down for selection.

Simply select the report dates, pick a zone and device name or "all" to run report for and click "Search".

**Zone Report**

Start: 02/01/2013 End: 02/22/2013 Zone: home Device Name: GO Man, GO!!! Search

Date	Device Name	Zone	Alert Details
------	-------------	------	---------------

Export to Excel

Click to Export Report to Excel

### Speed Report

Once a user has set a Speed Limit for their asset tracking device they can generate a report showing each time the device exceeded the set speed limit within a set date range.

Users can select more than one device name should they wish to view for multiple devices. Click on the blue hyperlink to be taken to the device specific details in History.

**Speed Report**

Start: 02/04/2013 End: 02/22/2013 Device Name: 3 selected Search

Date	Device Name	Alert Details
02/04/2013	2131031244 STBFRCA1	<a href="#">Speed Limit Alert (2/4/2013 9:14 AM): Your device 2131031244 STBFRCA1 has exceeded your set speed limit of 65 mph. Speed: 67 mph. Approx local: Papago Freeway Phoenix USA.</a>
02/04/2013	2131031244 STBFRCA1	<a href="#">Speed Limit Alert (2/4/2013 11:00 AM): Your device 2131031244 STBFRCA1 has exceeded your set speed limit of 65 mph. Speed: 70 mph. Approx local: Interstate 19 Tucson USA.</a>
02/04/2013	2131031244 STBFRCA1	<a href="#">Speed Limit Alert (2/4/2013 4:37 PM): Your device 2131031244 STBFRCA1 has exceeded your set speed limit of 65 mph. Speed: 71 mph. Approx local: Interstate 19 Nogales USA.</a>
02/04/2013	2131031244 STBFRCA1	<a href="#">Speed Limit Alert (2/4/2013 5:54 PM): Your device 2131031244 STBFRCA1 has exceeded your set speed limit of 65 mph. Speed: 70 mph. Approx local: 5 Marana USA.</a>

## 4.4 Third Wire Reports

For users who have connected the optional third wire i.e. – ignition on/off or PTO, three additional reports are available. See below for description and details.

### Idle Time Summary

This report is designed to capture the total idle time for an asset during a specific date range.

Select basic report information and click “Search”.

### Idle Time Summary Report

Start:  End:  Device Name:

Date Range	Total Idle Time
02/01/2013 - 02/22/2013	0h 00m

### Daily Activity Report

This is a comprehensive daily activity report with detailed information that includes the asset’s ignition “on” and “off” locations and times. It also provides idle time details and any triggered zone and speed notifications during the selected date range.

Select basic report information and click “Search”.

### White Wire Daily Activity Report

Start:  End:  Device Name:

Date	Ignition on	Address	Ignition off	Address	In Transit	Stopped	Idle Time	Alerts
------	-------------	---------	--------------	---------	------------	---------	-----------	--------

## Idle Time Report

This report captures the idle time for a white wired tethered asset during a specific date range. It allows for an idle time threshold to be set to identify fuel saving opportunities.

Select basic report information, set an idle time threshold and click "search"

**White Wire Idle Time Report**


Start:  End:  Device Name:  Idle Threshold:

Date	Idle Start	Address	Idle End	Address	Idle Time
<input type="button" value="Export to Excel"/>					

## 4.5 Low Battery Report

With this report users can identify any device with a battery level lower than the set threshold. Report will display last locate and current battery level for all devices shown.

To run the report just click on the minimum battery level drop-down and select a percentage, the device name or "All" and click search. A schedule for automatically generating the report can be set by clicking on the blue "Schedule" button next to "Search". The report can be sent in .pdf or Excel format directly to your email.



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**Low Battery Report**

Set your minimum battery level:  Device Name:   [Schedule](#)

Set your minimum battery level:   
 Daily  Weekly  Monthly  
 PDF  Excel


Start:  Email:

*Click to Customize Low Battery Auto-Report Schedule*

## 4.6 Movement Reports

Identify which assets are or are not moving outside of 300 feet during the selected time period. Perfect for identifying retired or underutilized assets or keeping track of assets that should not leave a job site for example..

To run the report enter the start and end dates, the device name or "All" and click "Search". A custom schedule for auto delivery of the report can be set by clicking on the blue "Schedule" button next to "Search". The report can be sent in .pdf or Excel format directly to your email.

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### Movement Report

Start:  End:  Device Name:   [Schedule](#)

Daily  Weekly  Monthly  
 PDF  Excel

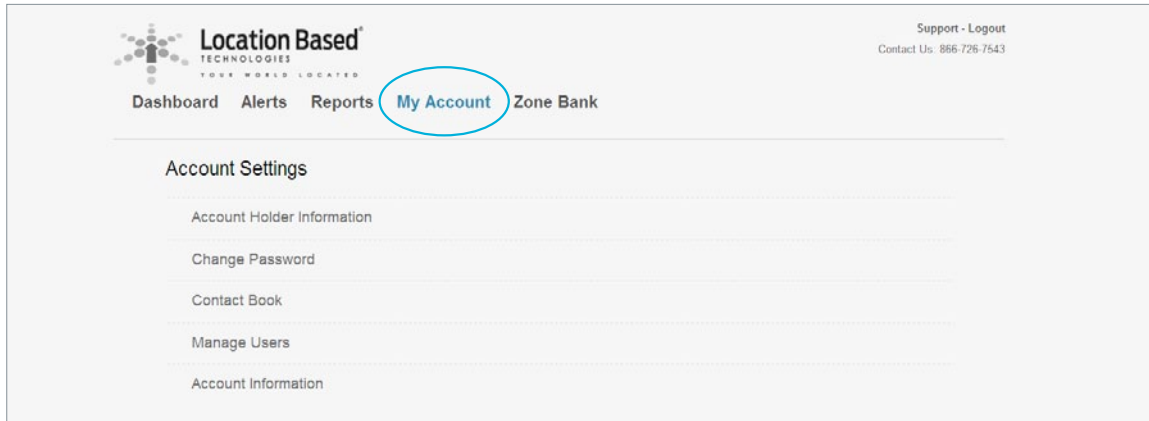
Start:  Email:

*Click to Customize  
Movement Auto-  
Report Schedule*

Start Date	End Date	Device Name	Alert Details
02/01/2013	02/22/2013	Rover	Movement

# SECTION 5: MY ACCOUNT

The Global Tab entitled My Account gives users one convenient online location to manage all their account settings like managing users, editing account holder information, adding contacts in contact book and changing the password.



## 5.1 Account Holder Information

All basic user information can be stored here for account management oversight and accountability purposes. Fill out all relevant account holder information and click SAVE.

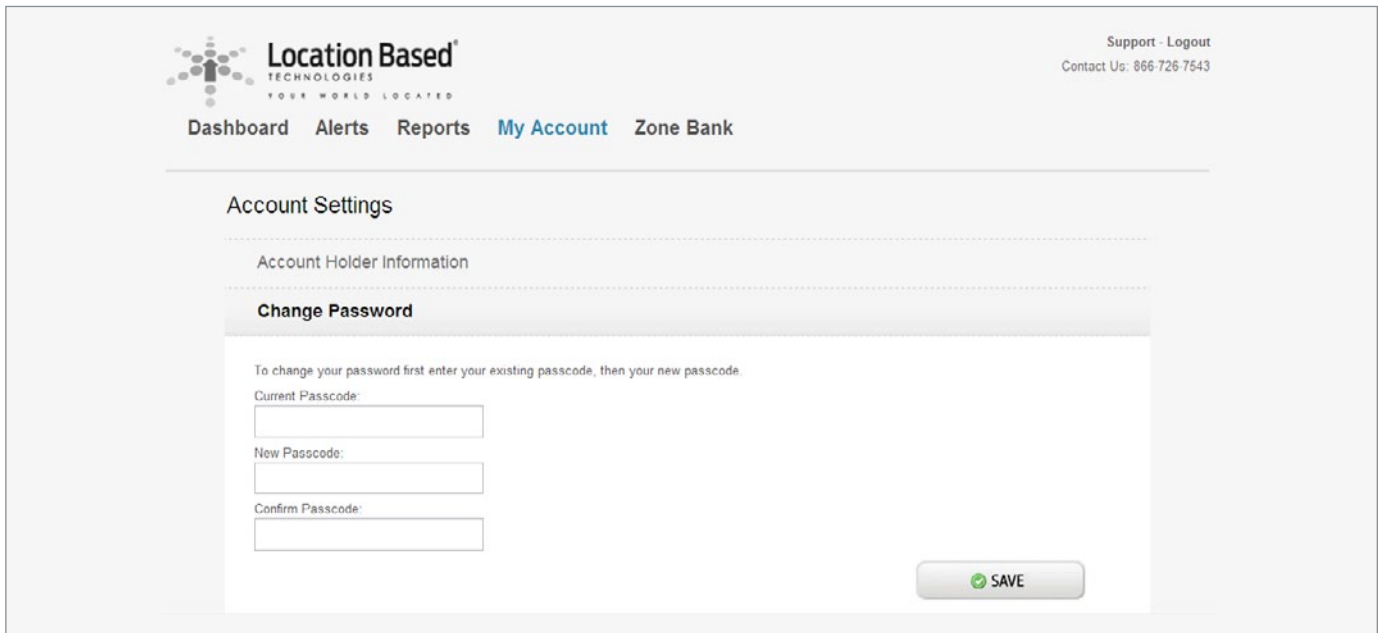
The screenshot shows the 'Account Settings' page with the 'Account Holder Information' section expanded. The form contains the following fields:

- Company Name:
- System Integrator First Name:
- System Integrator Last Name:
- Email:
- Business Phone:
- Mobile Phone:
- Address 1:
- Address 2:
- City:
- Country:
- State:
- Zip:

A 'SAVE' button with a green checkmark icon is located at the bottom right of the form.

## 5.2 Change Password

To change a password, simply enter the current password, then the new password, followed by a confirmation of the new password, and click "SAVE".



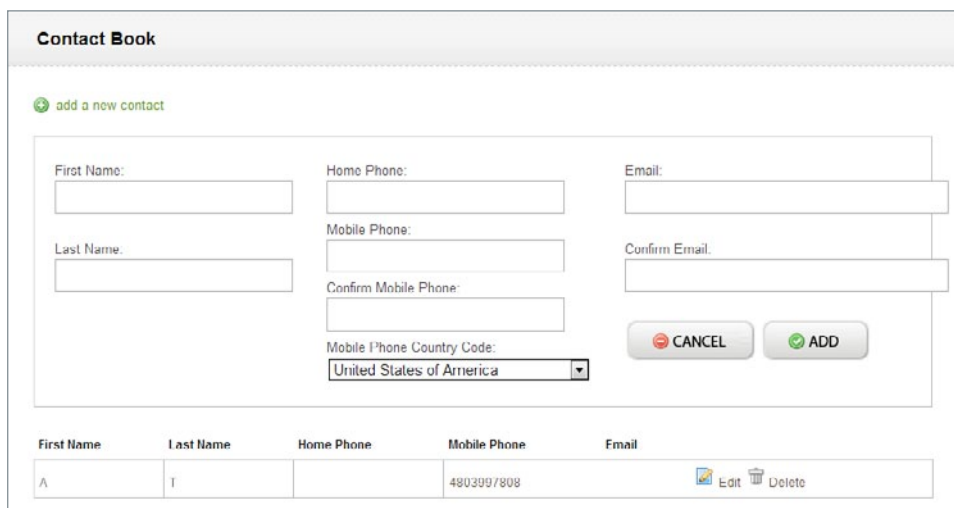
The screenshot shows the 'Account Settings' page with the 'Change Password' section active. The page header includes the 'Location Based Technologies' logo and navigation links: 'Dashboard', 'Alerts', 'Reports', 'My Account', and 'Zone Bank'. The 'Change Password' form contains three input fields: 'Current Passcode', 'New Passcode', and 'Confirm Passcode'. A 'SAVE' button is located at the bottom right of the form area.

## 5.3 Contact Book

Add contact information here for all contacts that you wish to receive notification alerts.

To add a new contact, click on "Add a New Contact" and fill in contact details and click "SAVE".

A list of people within the Contact Book shows just underneath the new contact button, to edit or delete an existing contact click on the desired function to execute.



The screenshot shows the 'Contact Book' interface. At the top, there is a link to 'add a new contact'. Below this is a form with the following fields: 'First Name', 'Last Name', 'Home Phone', 'Mobile Phone', 'Confirm Mobile Phone', 'Email', and 'Confirm Email'. A dropdown menu for 'Mobile iPhone Country Code' is set to 'United States of America'. There are 'CANCEL' and 'ADD' buttons. Below the form is a table with the following data:

First Name	Last Name	Home Phone	Mobile Phone	Email	
A	T		4803997808		Edit  Delete

## 5.4 Manage Users

This feature allows users to create sub accounts with full “administrative” or “view only” access to selected devices from the master account. Perfect for segmenting assets to specific dispatchers or business leaders of geographic regions.

To create a new user, follow this easy to complete 3-step process:

1. Fill Out New User Account Information
2. Assign User Type by Clicking Admin or View Only
3. Assign Devices to User’s Account by Highlighting Device and Clicking Add or Remove.

### User Account Information

First Name:

Last Name:

Email Address:

Phone Number:

New User ID(numbers only):

Passcode:

Confirm Passcode:

User Type:  
 Admin  View Only

### Assigned to the following devices:

The newly created user will be able to see the location for the following assigned devices. Don't worry access can always be modified anytime by you.

Unassigned	Assigned
2131031753 MBLFRCA	2131029232 UNIUNCA
2131031750 MBLFRCA	2131031886 UNIUNCA
2131031748 MBLFRCA	2131031701 G&MSTM
2131031800 STBFRCA	2131031903 G&MSTM
2131031801 PATCECA	Rover
2131031716 PATCECA	2131031796 UNIUNCA
2131031795 MBLFRCA	2131031725 PATCECA
2131031794 PATCECA	2131031717 MBLFRCA
2131031710 STBFRCA	
2131031238 STBFRCA	
2131031244 STBFRCA	
2131031776 MBLFRCA	

### Active User Accounts

Just below the Account Access and User Account Information, a list of active account users is displayed. To edit, click on the edit button, add or remove devices, change username and or password and click “SAVE”.

User Type	First Name	Last Name	Username
There are no limited access users assigned to this device.			

## 5.5 Account Information

Click here to view the account activation date listed under the Account Information sub-tab.

Account Information
Activation Date: 6/12/2012



# SECTION 6: ZONE BANK

This section allows for zones to be created and applied to multiple devices on the account.

To create a new zone, hit the orange "Create New Zone" button and follow steps found in Section 3.2.

To apply a device to an existing zone, select the zone on the left column and choose the devices on the right you wish to be applied to that particular zone.

[Dashboard](#) [Alerts](#) [Reports](#) [My Account](#) **Zone Bank**

---

### Zone Bank

This is where you can create, edit or delete zones or manage the devices under each zone. To manage the devices, select the zone on the left column and the right column will show you which devices are applied to that zone.

[Create New Zone](#)

#### Existing Zones

Search by Name

- CDG - Charles De Gaulle
- GVA - Geneve Int
- home
- Important Customer #1
- Important Customer #2
- Important Customer #3
- LAX - Los Angeles Int
- LAX Cargo Loader
- LHR - London Heathrow
- Location Based Tech Headquarters


[Edit](#) [Delete](#)

#### Applied Devices

Search by Name

- 2131029232 UNIUNCA1
- 2131029233 UNIUNCA1
- 2131029236 UNIUNCA1
- 2131029429 UNIUNCA1
- 2131029430 UNIUNCA1
- 2131029436 UNIUNCA1
- 2131031229 UNIUNCA1
- 2131031230 UNIUNCA1
- 2131031232 UNIUNCA1
- 2131031238 STBFRCA

[Select All](#) [Select None](#) [Save](#)



## 6.1 Existing Zones

All existing zones on the account appear here, scroll to find a zone or type the name of the zone in the Search by Name field. When checked, all devices associated with the selected zone will appear checked in the Applied Devices column.

A user can delete a zone by checking the zone name as it appears in the Existing Zones box and hitting delete, or can edit a zone by hitting edit (see Section 6.4 for step-by-step details).

**Existing Zones**

Search by Name

- CDG - Charles De Gaulle
- GVA - Geneve Int
- home
- Important Customer #1
- Important Customer #2
- Important Customer #3
- LAX - Los Angeles Int
- LAX Cargo Loader
- LHR - London Heathrow
- Location Based Tech Headquarters

Edit Delete

## 6.2 Applied Devices

A complete list of devices are kept here, scroll to find a specific device or type the device name in the "Search by Name" field, or check all devices by clicking on "Select All" or "Select None" to uncheck all.

**Applied Devices**

Search by Name

- 2131029232 UNIUNCA1
- 2131029233 UNIUNCA1
- 2131029236 UNIUNCA1
- 2131029429 UNIUNCA1
- 2131029430 UNIUNCA1
- 2131029436 UNIUNCA1
- 2131031229 UNIUNCA1
- 2131031230 UNIUNCA1
- 2131031232 UNIUNCA1
- 2131031238 STBFRCA

Select All Select None Save

## 6.3 Assigning Devices To Zones

To assign a device or multiple devices to a zone, a user must check the zone and the devices they wish to assign under it and then click SAVE.

It's that simple!

The screenshot displays a web interface with two main panels: 'Existing Zones' and 'Applied Devices'. Both panels feature a 'Search by Name' input field at the top. The 'Existing Zones' panel contains a list of zones with checkboxes next to them. The 'Applied Devices' panel contains a list of devices with checkboxes next to them. Below the 'Existing Zones' panel are 'Edit' and 'Delete' buttons. Below the 'Applied Devices' panel are 'Select All', 'Select None', and 'Save' buttons.

Existing Zones	Applied Devices
<input type="checkbox"/> CDG - Charles De Gaulle	<input checked="" type="checkbox"/> 2131029232 UNIUNCA1
<input type="checkbox"/> GVA - Geneve Int	<input checked="" type="checkbox"/> 2131029233 UNIUNCA1
<input type="checkbox"/> home	<input checked="" type="checkbox"/> 2131029236 UNIUNCA1
<input type="checkbox"/> Important Customer #1	<input checked="" type="checkbox"/> 2131029429 UNIUNCA1
<input type="checkbox"/> Important Customer #2	<input checked="" type="checkbox"/> 2131029430 UNIUNCA1
<input type="checkbox"/> Important Customer #3	<input checked="" type="checkbox"/> 2131029436 UNIUNCA1
<input type="checkbox"/> LAX - Los Angeles Int	<input checked="" type="checkbox"/> 2131031229 UNIUNCA1
<input type="checkbox"/> LAX Cargo Loader	<input checked="" type="checkbox"/> 2131031230 UNIUNCA1
<input type="checkbox"/> LHR - London Heathrow	<input checked="" type="checkbox"/> 2131031232 UNIUNCA1
<input checked="" type="checkbox"/> Location Based Tech Headquarters	<input checked="" type="checkbox"/> 2131031238 STBFCA
<input type="checkbox"/> MUC - Munich Int	<input checked="" type="checkbox"/> 2131031244 STBFCA1

## 6.4 Editing a Zone in the Zone Bank

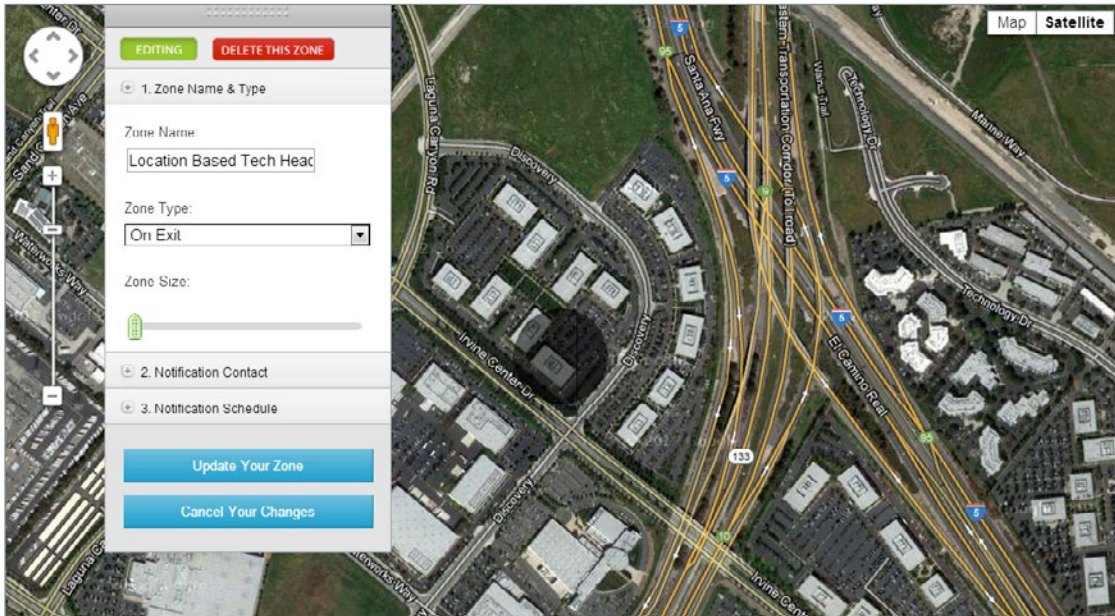
There are three sections that can be edited – Zone Name & Type, Notification Contact and Notification Schedule.

To edit a zone through the Zone Bank Global Tab select a zone's name from the Existing Zones, click edit and make changes. Users can edit Name and Type, Notification Contact and Notification Schedule by selecting the desired item from the drop-box to edit.

The screenshot displays the 'Zone Bank' interface. At the top, navigation tabs include 'Dashboard', 'Alerts', 'Reports', 'My Account', and 'Zone Bank' (which is circled in blue). Below the tabs, the 'Zone Bank' section contains a descriptive paragraph and a 'Create New Zone' button. The interface is divided into two main columns: 'Existing Zones' and 'Applied Devices'. The 'Existing Zones' column features a search bar and a list of zones with checkboxes, including 'LHR - London Heathrow' which is selected. Below this list are 'Edit' and 'Delete' buttons. The 'Applied Devices' column also has a search bar and a list of device IDs, with 'Select All', 'Select None', and 'Save' buttons at the bottom. A blue arrow points from the 'Edit' button to a map overlay. The map overlay shows a satellite view of an area with a semi-transparent editing panel. The panel includes a compass, a 'DELETED THIS ZONE' button, and three sections: '1. Zone Name & Type', '2. Notification Contact', and '3. Notification Schedule'. At the bottom of the panel are 'Update Your Zone' and 'Cancel Your Changes' buttons.

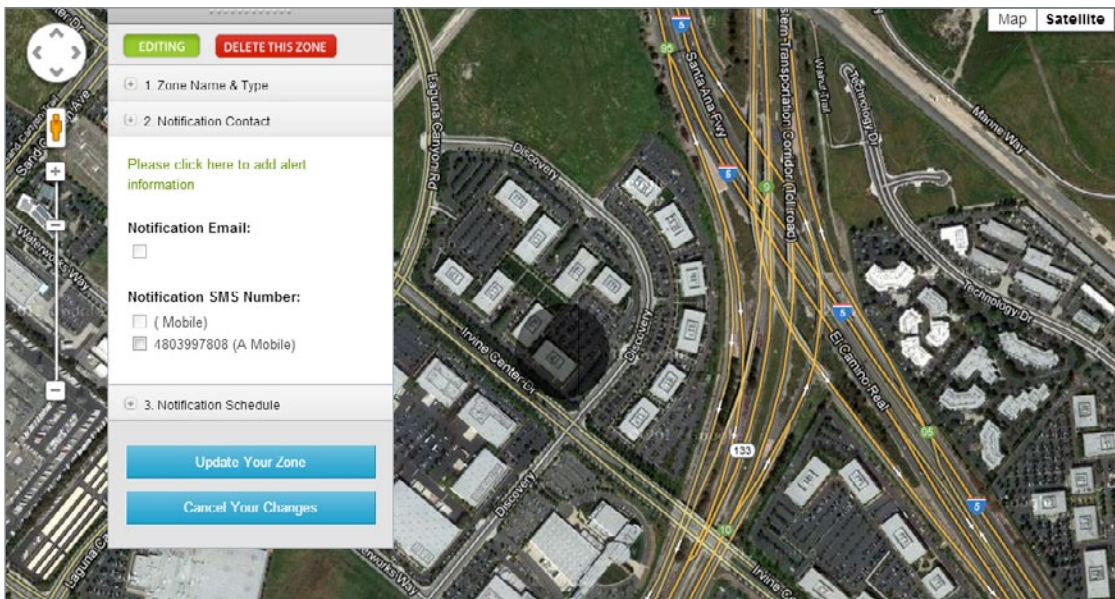
## 1. Zone Name & Type

This zone edit allows for the changing of device name as it appears on the asset icon, along with the zone type and size. The zone type dictates when a user receives an alert, when an asset enters a zone, exits a zone, or both. Each zone's size can be adjusted by sliding the Zone Size scale.



## 2. Notification Contact

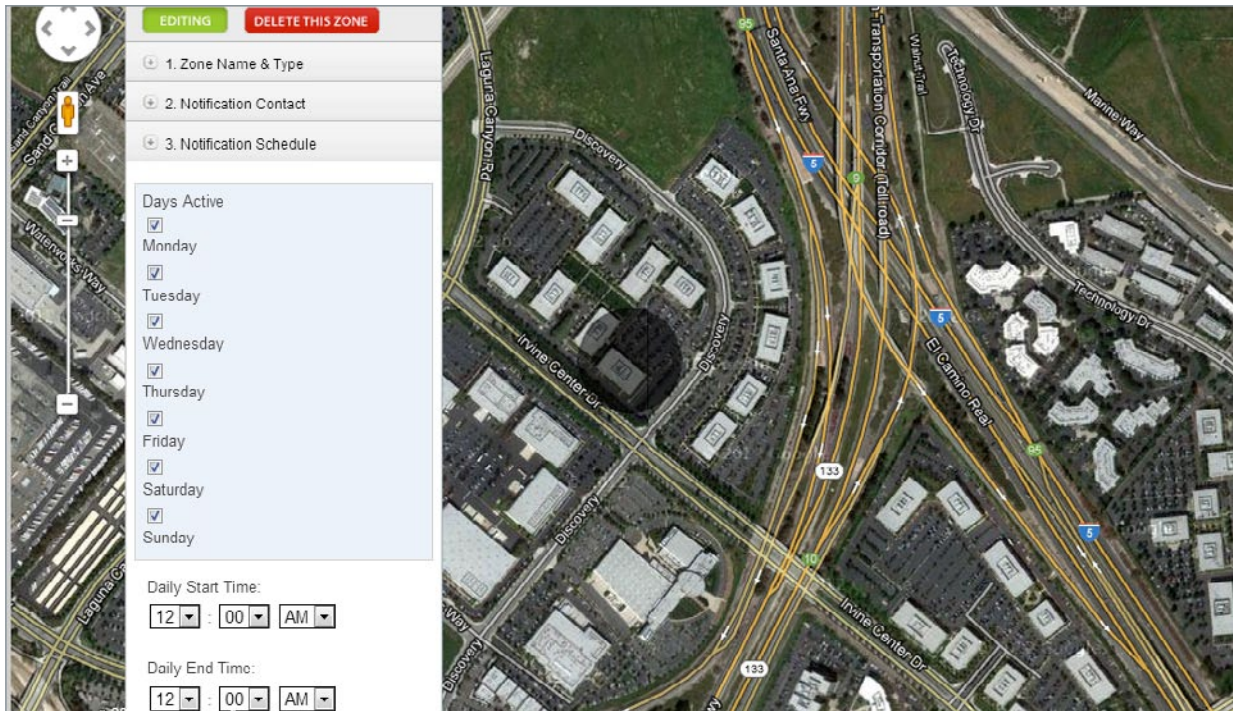
Users can click on the green "Please click here to add alert information" to add contact information of person to receive an email or text notification when an asset has moved in and/or out of a zone.



### 3. Notification Schedule

The days of the week, along with each day's start and end time for when a user receives a zone alert notification is customizable. Just check the days that apply and set the start and end time to preference.

Once all edits are complete, click the Update Your Zone button to save changes or cancel them by clicking the Cancel Your Changes button.






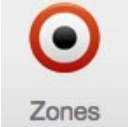



# SECTION 7: REFERENCE GUIDE

The PF886 Mobile Asset Tracking Solution is a state-of-the-art device that provides user's unparalleled access to their assets at home, work or on-the-go from anywhere in the world.

It brings robust GPS hardware together with cutting edge technology software in a user-friendly web based platform for both desktop and mobile convenience via iOS and Android mobile apps.

In keeping with the GPS tracking system's easy to use, quick and convenient theme, we've provided a quick look reference guide highlighting its software icons and online tabs and sub-tabs for quick reference.

	Icon	Description
Asset Icon	 Device 1	Represents the device/asset online on the map and in the system, it can also have its name and picture customized.
Global Tab	<b>Dashboard</b>	Serves at the virtual homepage from which to view and manage all asset tracking devices. It is the first landing page once a user logs in.
Global Tab	<b>Alerts</b>	This section allows users to view specific speed and zone alerts by device, date and type of alert.
Global Tab	<b>Reports</b>	Provides one convenient location from which to run asset tracking reports such as a daily activity report, zone, speed, low battery and movement reports.
Global Tab	<b>My Account</b>	An easy to operate account settings section where users can change passwords, build a contact book, log account information and manage users.
Global Tab	<b>Zone Bank</b>	Where a user can create, edit or delete zones or manage the devices under each zone.

Device Specific Homepage		The starting page for a specific device once an asset icon is double-clicked from the dashboard map and designed to show a selected devices' last update, approximate location, speed, lat/long and other key information.
Device Specific Sub-Tab		Click here to view and download device specific history
Device Specific Sub-Tab		Select this sub-tab to create a new zone, view or edit a zone previously created.
Device Specific Sub-Tab		Users may set a maximum speed limit for a device using this sub-tab and select the type of notification to be received, such as SMS or email.
Device Specific Sub-Tab		This sub-tab provides power management options for users to select the times of locates and alerts per day.
Device Specific Sub-Tab		Select this sub-tab to change asset icon name and picture, as well as store device and user information.



## 7.1 Tech Support

Location Based Technologies is dedicated to providing world-class customer service and support. Supporting our customers is a top priority, we are here to help. Please use the contact information below to reach our Customer Service and Sales team:

info@locationbasedtech.com  
US: (866) 726 – 7543  
International: 01-785-856-1774

## 7.2 Frequently Asked Questions

### **How do I activate my device?**

In order for your personal GPS locator to be registered in our database, and on the GSM wireless network, you need to complete the activation process and provide us with the unique activation code that comes with each unit. The activation code is on each product package. [Click here to activate or from \(name of new site\).](#)

### **Do your devices have harmful emissions?**

The GPS locator devices utilize very low frequency packet data like, basic text message, to send GPS information. They are as safer or safer than a wireless mobile phone.

### **What type of mapping does the Locator device use?**

Google premier mapping.

### **What is global drift/False zone alerts?**

The Global Positioning Satellite (GPS) System is made up of approximately 26 working satellites that are moving at roughly 16,000 miles per hour. 4 satellites work together to identify speed and location of your Location device. At certain times of the day one satellite will begin to go out of range of your Location device and will hand off to another satellite. When these hand offs occur you may see a rogue locate that is not accurate and can even cause a false zone notification.

### **What is a geo-fence/zone?**

A geo-fence is a virtual perimeter created on our mapping interface over a real-world geographic area. Geo-fences are created as a radius around an address you enter, point location, or instantly around a device from the mobile App. A geo-fence can be as small as an office or home or as big as a state or country. When a Personal or Vehicle locator enters or exits a geo-fence, a notification is generated and sent via SMS text, email or push.

### **How many geo-fences/zone can be created?**

Location Based Tech offers unlimited zones as well as zones within zones at no additional charge. The first 10 zones are housed on the actual device allowing for quicker zone notification. 11+ zones are housed on the server.

### **What are the available locate interval options?**

Location Based Tech is firmly committed to listening to the voice of the customer. Our platform is built to accommodate many interval options. Today those options for Vehicle Locators are 1, 3, 5 or 10 minute locate intervals. Personal Locators can be set to locate every 2, 10 or 60 minutes, 1, 2 or 4 times a day.

### **How do my power options impact battery life?**

Battery life is influenced by a number of variables. For example, 2 minute connections will consume more battery power than 10 minute connections. A device in an area where the GPS or wireless signals are not available will work harder to connect with a signal and use additional power. Most customers charge their PocketFinder like they would their cell phone.

### **Do I have to download software to use or locate my devices?**

No. Our end user interface is completely web based and can be accessed from any web based computer. The iOS and Android Apps can be downloaded from the App store and Google Marketplace respectively.

### **How long is history kept?**

60 days.

### **What is the accuracy level of the PocketFinder location?**

Under most circumstances the identified location on our internet mapping service will be within 10 feet of the GPS locator's actual location. Environmental factors such as obstructions to the GPS network and global drift can impact accuracy.

### **Is the speed calculation accurate?**

This speed calculation is typically accurate within 2-3 mph.

### **Can I manage more than one device on my account? And what is the maximum number?**

Yes, you can manage many devices on one account. Most people managing 100 or more devices will organize their devices into accounts covering certain regions or geographic areas. Our customer care team is more than happy to provide organizational advise.

### **How often do I need to charge my personal locator?**

We recommend that you charge it like you would your cell phone which is as needed. Battery consumption is impacted by a number of factors such as the locate interval you have the device set at and ability to connect with both GPS and wireless networks. Under normal usage with a person, a typical charge will last 3 to 4 days. On a pet that never stops moving 24 hours a day, a typical battery charge will last 2 days.

### **How do I set up contacts for notification?**

Your PocketFinder Profile allows you to create a Contact List that will tell the PocketFinder Network how you want to be contacted, as well as where you can list other people you would like the PocketFinder Network to contact. Under, "My Account" tab click, "Contact Book".

## 7.3 About Location Based Technologies, Inc.

Based in Orange County, CA, we are all about connections! We exist to help you connect with the things that you care about most. We pride ourselves on developing products that are easy to use for both consumer and commercial clients.

Our line of products feature submersible waterproof, GPS devices that provide customers with easy to manage, customizable location information that can be accessed via the office, home or on-the-go from virtually anywhere in the world.

Our job is to take the complexities of emerging GPS and wireless technologies and deliver a simple, easy-to-use solution that will increase your ability to stay connected and to coordinate with your business and family – whatever is important to you!

Your World. Located.®

## 7.4 Company Contact Information

Location Based Technologies, Inc.  
49 Discovery STE 260  
Irvine, CA 92618

Phone: (888) 600-1044

International: 01-785-856-1774

Fax: (714) 200-0287

Web: [www.locationbasedtech.com](http://www.locationbasedtech.com)

Email: [service@pocketfinder.com](mailto:service@pocketfinder.com)

# SECTION 8: FCC/ICC COMPLIANCE

## FCC Rules

### Compliance Statement (Part 15.19)

The enclosed hardware device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that may cause undesired operation.

### Warning (Part 15.21)

Changes or modifications not expressly approved by Location Based Technologies, Inc. could void the user's authority to operate the equipment. Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

### Compliance Statement (Part 15.105(b))

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

### Industry Canada (IC) regulatory information

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### Le présent appareil est conforme aux CNR d'Industrie

Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Class B digital device notice

This Class B digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B), RSS-Gen and RSS-210.

Cet appareil numérique de la classe B est conforme à la norme CAN ICES-3 (B)/NMB-3(B), CNR-Gen et CNR-210 du Canada.

### FCC Radiation Exposure Statement:

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.