ONLINE
USER GUIDE

GPS Tracking Web Portal

User Guide Table of Contents

1) Changing your password

Once your account was created a login and password was automatically sent to the email address provided. All login/usernames and passwords are case sensitive. For security and convenience purposes, we suggest you change your login and password; it should be something you can remember.

To change your password select on the button (Your Profile) on the left hand side of the welcome/home page then select (Your Login Profile).

Welcome John Doe

Home
Search
Your Profile
Your Account's Details
Your Login Profile
Edit Your Password
Add Web User
Device Control Panel

Search for a Device (Advanced Unit Search)

Search for

No spaces and it must be unique. Min 3 characters, max 15 characters.

Search by

Device Friendly Name ▾   Search

	device friendly name	end user name	
1	1010053295	John Doe	Map it
2	6084058772	John Doe	Map it

Edit your login/username and password and time zone if necessary. Once edited select the (Update) button to save the information. (Begins with letter, contains at least 3 and no more than 15 characters, no spaces. No characters other than letters, numbers and the underscore may be used.)

Login Profile

Login Profile Information

Name
jason maravich

Password
******** [edit password]

Username
Jdoe

Begins with letter, contains at least 3 and no more than 15 characters, no spaces. No characters other than letters, numbers and the underscore may be used.

Email
jdoe@nmrx.com

Time Zone
(GMT-05:00) Eastern Time (US ▾   Update

Cancel

2) **Editing your account profile(End User)**

There are two ways to edit your account info. Select (Your Profile) then select (Your Account's Details). From that page select (Edit Profile). Once finished with the changes make sure to select (Update) at the bottom of the page. Select your (End User Name) that will take you to (End User Profile Details). From that page select (Edit Profile). Once finished with the changes make sure to select (Update) at the bottom of the page.

Welcome John Doe

| Home |
| Search |
| Your Profile |
| Your Account's Details |
| Your Login Profile |
| Edit Your Password |
| Add Web User |
| Device Control Panel |

Search for a Device (Advanced Unit Search)

Search for

No spaces and it must be unique.Min 3 characters, max 15 characters.

Search by

Device Friendly Name   Search

	device friendly name	end user name	
1	1010053295	John Doe	Map it
2	6084058772	John Doe	Map it

End User Profile Details

Address & Contact Info (Edit Profile)

Primary Contact's Name:
John Doe

Address:
1947 Raleigh circle

End User Passcode

Update   Cancel

3) <u>Searching for a device</u>

If you have between one and five devices they will always be displayed on the home page when you log in. Example below:

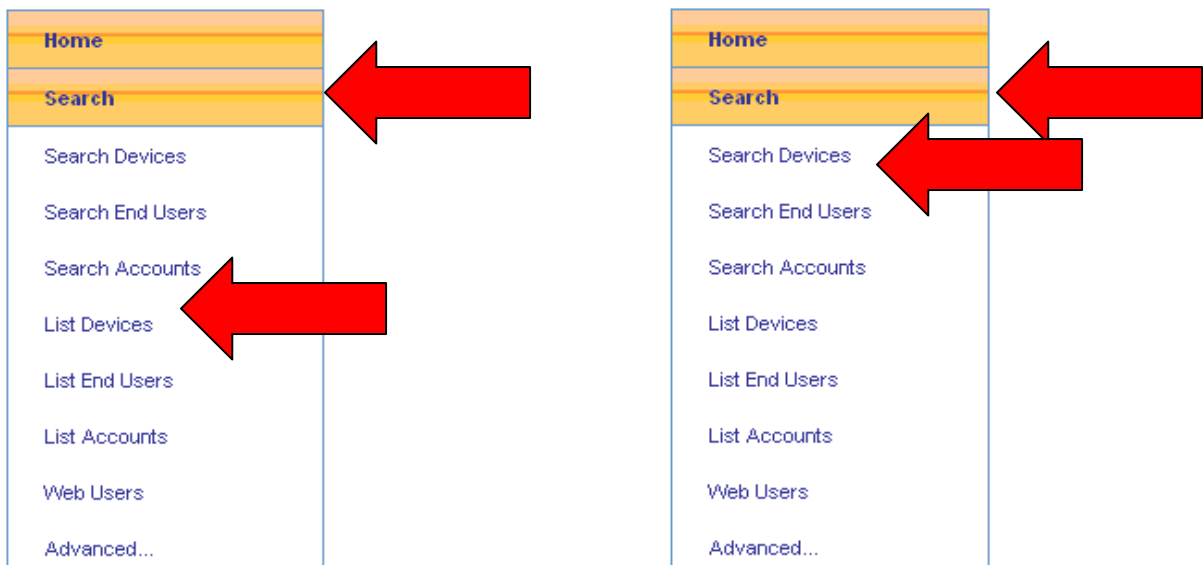A → device friendly name   B → end user name   C

| 1 | 1010053295 | John Doe | Map it |
| 2 | 6084058772 | John Doe | Map it |

> **A.)** Selecting the (device friendly name) of a specific unit will take you to the (Device and Vehicle Details) Page. On this page you can edit your vehicle and notification info as well as view the units' subscription.

> **B.)** Selecting the (end user name) will take you to the (End User Profile) Page which allows you to view and edit your account information.

> **C.)** Selecting the (Map It) button will take you to the map page where you can view the last reported location and send commands.

The website will automatically display up to 5 units on the home page to view all of your units click the button on the left hand side of the page (Search) then select (List Devices) this will list all devices in your account. If you want to search for a specific device then select (Search) then select (Search Devices).

Home
Search
Search Devices
Search End Users
Search Accounts
List Devices
List End Users
List Accounts
Web Users
Advanced...

Home
Search
Search Devices
Search End Users
Search Accounts
List Devices
List End Users
List Accounts
Web Users
Advanced...

Try to limit the info you enter to one box. Also the less specific the info the more likely the search will yield the correct results. Example: "Barrys Car". If you search by entering "Barry's Car" the search will not find the name because the name has an extra character an ('). However if you search by typing in "Bar" it will find all names that have the character sequence "Bar" which would include "Barrys Car"

D.) Quick Search

Quick Search is also an easy way to find devices, located always in the top right corner of the webpage. Enter the "Vehicle Friendly Name" check Search By "name" then click the magnifying glass to display results or enter unit serial # (always 10 digits) then check Search By "serial no." and click the magnifying glass to display results.

4) Editing your Device and Vehicle Details

On this page you can edit vehicle info or you can view your device info, subscription info and renew and extend unit subscription. Search for the unit you want to edit and select the (Device Friendly Name) that will take you to (Device and Vehicle Details).

Allows You To Edit Vehicle Info.

1010053295's Details

Device & Vehicle Details (edit device)

Unit Friendly Name:
1010053295

Year: Make: Model:
2007   Ford   1010053295

Tag (License Plate):

VIN:
1010053295

Subscription Expiration

Subscription & Locate Info

Locate Balance: 83
Minute Balance: 0

Status: Active
Billing Plan Term: CONSUMER
Expiration Date: 08/10/2010 11:58:15 AM
(Renew / Extend Subscription)

Notification Settings

Access Under "Edit Device"

Notification Enabled? NONE
Address 1:
Address 2:
Address 3:
Address 4:
Address 5:
Address 6:

Go to Maps and Commands

Takes You To Map Page

Advanced: Go To Group Commands

Advanced Info

Serial Number: 1010053295
End User Name: John Doe
Powerup Stamp: 08/15/2007 01:36:38 PM
Unit Type: 19-25135-274-DEFAULT/ADM 3500-4

Brings You To End User Profile Page

Starter Enable / Disable: Visible
Output 2: Visible
Output 3: Hidden

A.) Editing Vehicle Information

Device Friendly Name
Any name/label you want to give to your vehicle.
Example: Ashley's Mustang

VIN
Vehicle Identification Number

Device and Vehicle Information

Fields marked with * are Required, thank you.

Device Friendly Name *
1010053295

VIN *
1010053295
(8 last characters of VIN)

Vehicle Make *
Ford

Vehicle Model *
1010053295

Vehicle Year *
2007

Vehicle Tag

Installation Profile

Starter Enable/Disable
Visible ☑
Orange Wire

Output 2
Visible ☑ label: Door Unlock
Green Wire

Output 3
Visible ☐ label: Remote Start
Blue Wire with Black tracer

Alarm Notification Options (Cell Phone Email Addresses Expla...

Notifications - Disabled ▾

Notification Address 1
[   ] Test Email 1

Notification Address 2
[   ] Test Email 2

Notification Address 3
[   ] Test Email 3

Notification Address 4
[   ] Test Email 4

Notification Address 5
[   ] Test Email 5

Notification Address 6
[   ] Test Email 6

Update Cancel

B.) Installation Profile (Account Administration Only)

Choose which buttons to display on the map this will depend on which features were installed. Output 2 and Output 3 are editable. Editable means these outputs can be used for other features other than default label. Example: output 2 can be used to trigger window rollup and the label (Door Unlock) can be changed to Window up etc…

C.) Alarm Notification Options

Alarm "Notifications" can be changed/entered per device or from the (End User Profile) page. Setting "Notifications" from the (End User Profile) page will change the settings for all units in that account.

First enable "Notifications" then enter up to 6 email addresses, which includes txt addresses as well. To see what your possible txt address is we have provided a list of possible addresses. If the addresses listed do not work for you, you must contact your cell phone carrier for the correct address. The proper txt address format is below. Your cell # must be entered with no dashes or spaces.

Cell phone #   Carrier txt address
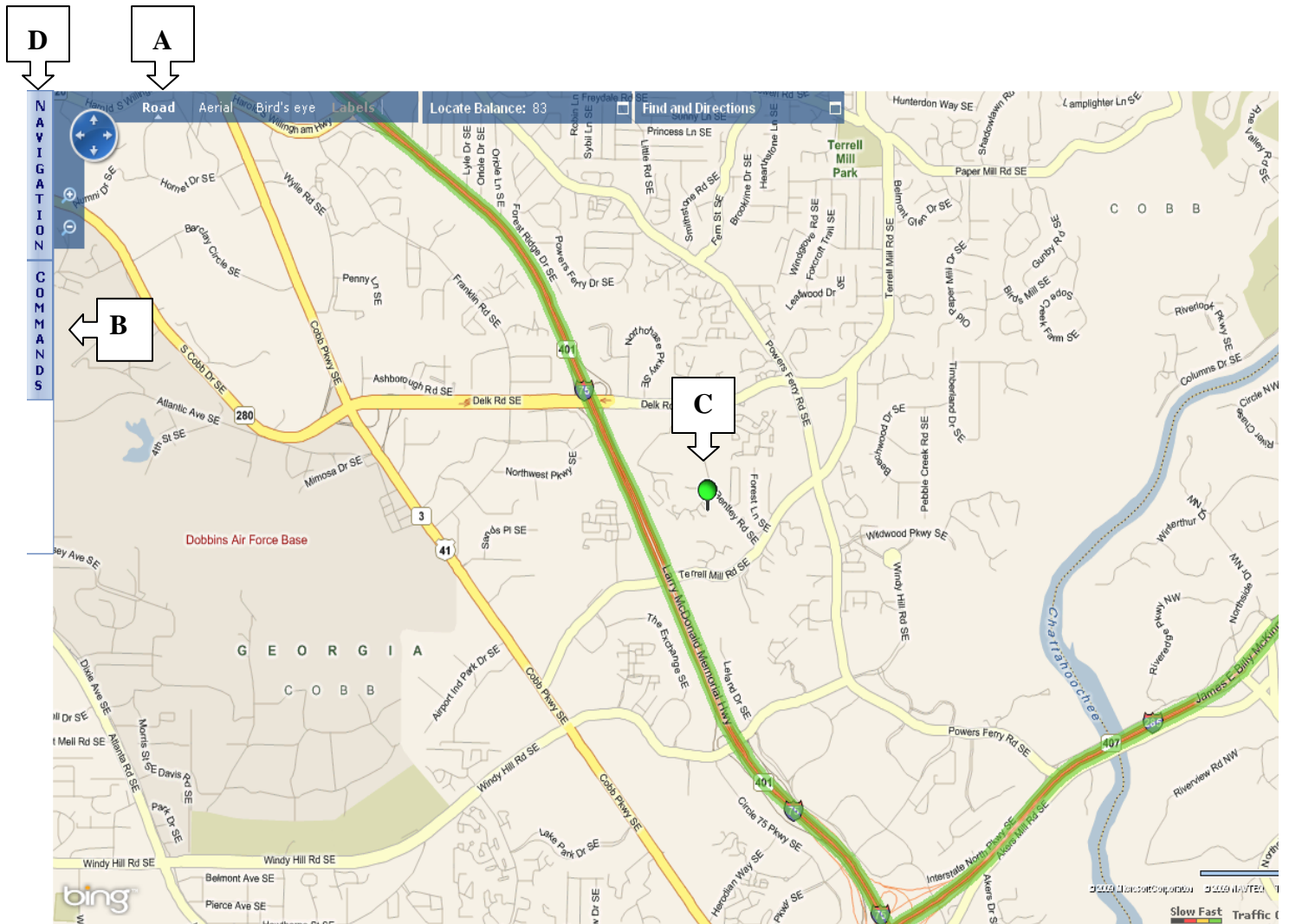
Example: 5552345264@vtext.com

5) <u>Using the Map Page</u>

On the Map Page you will be able to view the current location of your device and send and receive commands from the device. This section will go over all functionality of the Map Page.

From the home page find the unit you want to locate. You may search or your device may be listed on the home page.

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To Map Page

device friendly name   end user name

1   1010053295   John Doe   Map it

A.) Map Controls

Road: (view) Standard map format
Aerial: (view) Satellite imaging view, Satellite imaging is not real time it is a picture of a moment in time the more heavily populated the area the newer the photo.
Bird's eye: (view) More up to date photo with higher resolution. Not all areas have the Bird's eye option.

 Map Movement Control:
Map movement can also be done by holding down the left mouse button and moving.

Zoom:

Zoom in control.
Zoom Out Control.

B.) Commands

Request Locate: Sending this command will retrieve the devices Current position.

Disable Starter: This feature is optional at the time of installation. This command will disable the vehicle starter. *Sending this command will <u>not</u> disable the vehicle while in motion.*

Door Unlock: This feature is optional at the time of installation. This command will unlock the vehicle doors.

Auto Tracking: When your vehicle is placed in the Auto Track feature, the device will send a location of the vehicle once per that duration when the vehicle is in motion. For example, if you set Auto Track to 30 minutes, the vehicle will provide its location at 30 minute intervals while the vehicle is in motion.

Speed Trap: Setting speed trap will allow you to monitor the vehicles speed and be notified. You may set speed trap starting at 45 mph in 5 mph increments up to 95. Speed-Trap will send an email and or a Text Message to your cell phone when the vehicle exceeds the speed limit you select. To be notified of a "speed trap" violation you must have entered and address and enabled "Alarm Notifications).

Geo-Fence: Geo-Fence allows you to set a perimeter of varying size centering on the vehicle most recent reported location. When Geo-Fence is enabled your vehicle will send an email or text message to advise you that the Geo-Fence boundary has been crossed. This message will be sent when the vehicle crosses into or out of the Geo-Fenced boundary. . To be notified of a "Geo-Fence" violation you must have entered and address and enabled (Alarm Notifications).
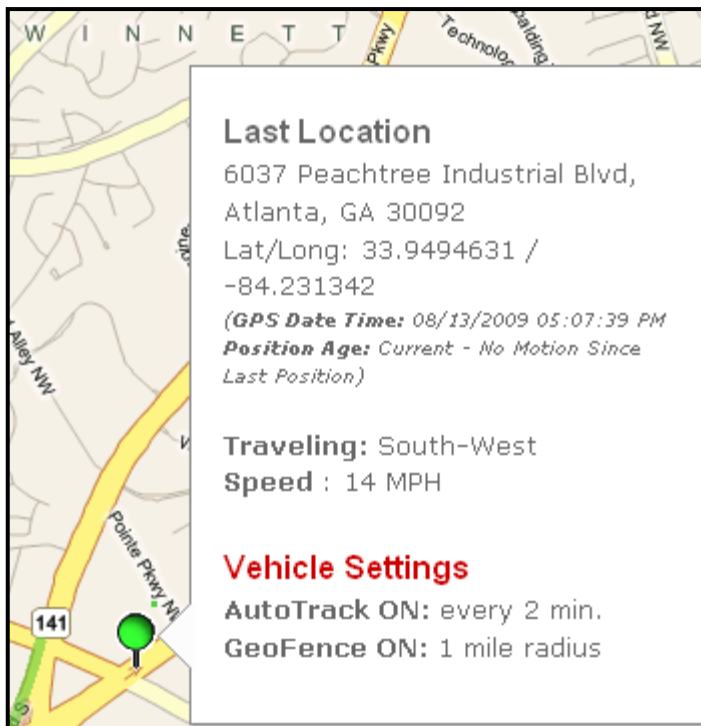
Group Commands: Group commands are typically used for fleet or lot management when the same command is sent to the entire fleet versus individual commands to individual vehicles. A group command sends the same command simultaneously to all of the vehicles that belong to the same end user up to 50 Devices per End User.

Clear Alerts: (First generation units ADM 3500 series) anytime a unit reports an alarm alert it must be cleared before the next one is sent. Currently we automatically send a Clear Alerts we attempt this three times. If all three attempts fail it must be cleared manually by the customer. This command allows you to do that.

C.) Last Location Details

(To view hold curser over pinpoint)

Reverse geo-code (Address): This section displays the vehicles <u>estimated</u> address.

Lat/Long: The position of the vehicle accurate within a few meters. This position is used to estimate the closest address of the vehicle.

GPS Date Time: This is the date and time the position being shown was captured. If the vehicle has not moved since this position was captured the date and time will not change.

Position Age: If position age is "Current" that means the vehicle has not moved since this position was captured the date and time will not change. If the position age is "Aged" that means the unit knows the vehicle has moved but cannot see satellites to get a new fix. Typical cause is gps antenna is blocked.

Traveling:
Speed:
This section will tell you what direction the vehicle is heading and the speed of the vehicle.

Vehicle Settings: Vehicle settings will state which features are currently on and what their settings are.

Example: **AutoTrack ON:** every 2 min
  GeoFence ON: 1 mile radius
  Speed Trap ON: 70 mph

D.) Navigation

Last Location: Is the map page that shows the vehicles most recently reported position.

Location History: Any time the unit has reported a position it will be viewable here on a map for up to 30 days. All positions in set time frame viewable at one time. (See Location History section for detailed explanation)

Command Log: Has three tabs Location, Status and Incoming and Sent Messages. (See Command Log section for detailed explanation)

Detailed Command Log: Has the same tabs as Command Log except the incoming and sent messages are separated as Incoming tab and sent tab. Three tabs have been added Events, Event Emails and Parameters. (See Command Log section for detailed explanation)
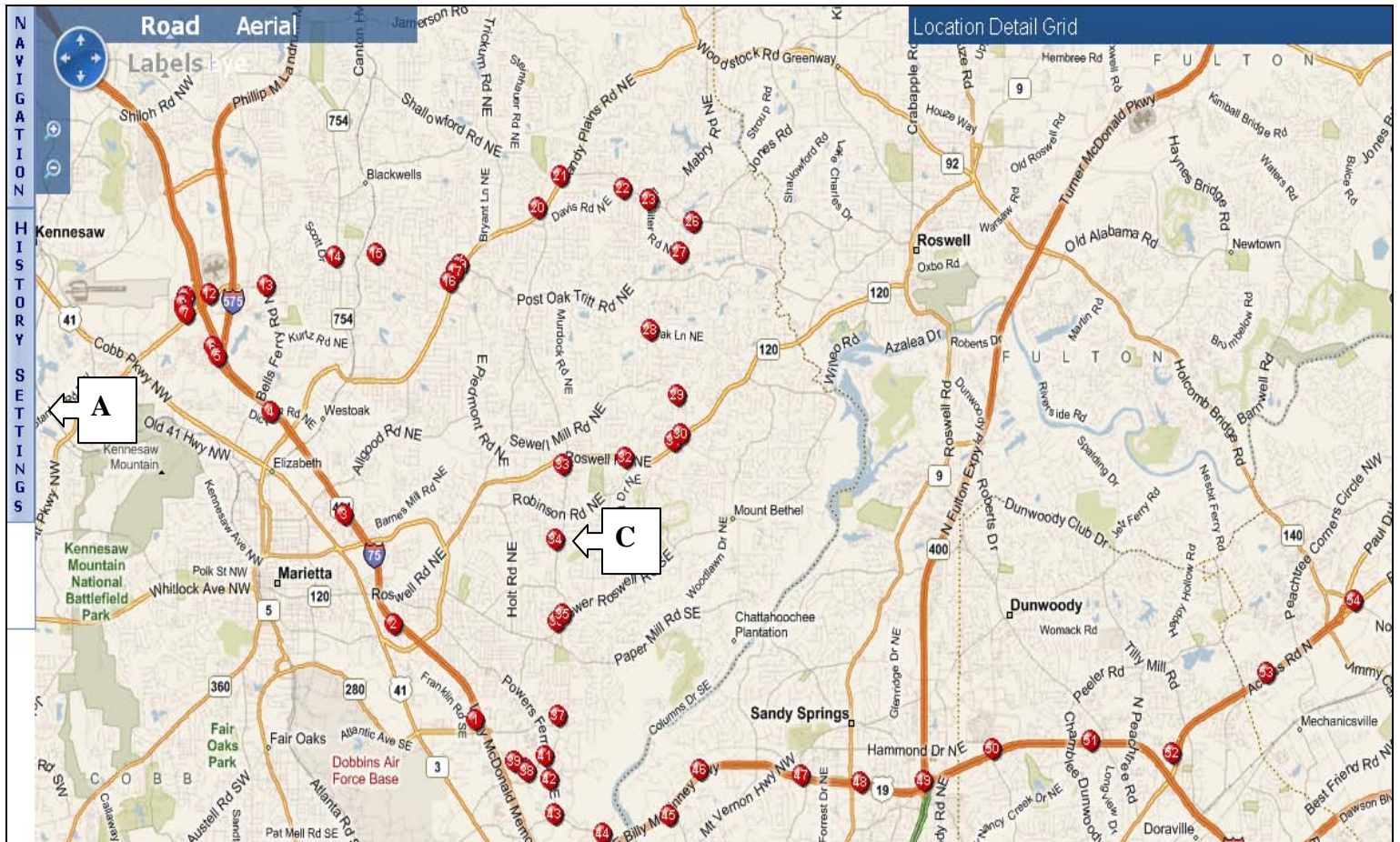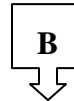
Device Details: Will take you directly to your device and Vehicle Details page.

Change Device: Takes you directly to the home page to search or select another device.

View Your Profile: Takes you to your End User (Account) Profile page. (Viewable only)

6) Location History

Once you have navigated to the Location History page it will automatically display the last two days of history. **Note**: If you have not requested any locations or set the unit to automatically report locations no locations will be shown. Location History will only display up to the last 30 days on the map. To see a list of all of your vehicles reported history you must view this in the **Command Log**.

A.) History Settings

History settings will allow you to select the range in which to view the location history on the map. To view history past 30 days you must go to the location tab in the **Command Log** from there you can view all locations reported from the date of installation. Remember unless the unit was set up to automatically report during the time you are viewing or you manually requested locations no positions will be found.

B.) Location Detail Grid

Clicking the (Show) button will list all the locations displayed on the (Location History Map). Individual locations can be viewed in detail by selecting that specific location.

C.) Location Pin

All positions reported in the time period selected are plotted on the map in order. Larger #'s are older. Each pin can be selected individually.

7.) Command Log

The Command Log can be viewed by selecting "Command Log" or "Detailed Command Log" under Navigation on the "Last Location Page"

Transaction Log available from: The first line states the date range in which the data is viewable.

Transaction Log available from 08/01/2008 01:41:28 PM for 6084058772
All Dates Shown are in the User's Timezone: (GMT-05:00) Eastern Time (US and Canada)

View From: 08/01/2009 00:00:00   To: 08/24/2009 23:55:00   update

The Command Log has three tabs Location, Status and Incoming and Sent Messages (MOs & MTs)

A.) Location (Tab)

The Location tab has 8 columns details listed below.

1.) **Report Date Time:** This column displays the date and time the location was reported to you.
2.) **GPS Fix Time:** This column displays the date and time the location was captured.
3.) **Latitude:** Displays the latitude for that position.
4.) **Longitude:** Displays the longitude for that position.
5.) **Speed:** Displays the vehicles speed for that position.
6.) **Heading:** Displays the direction of the vehicle for that position.
7.) **GPS Status Code:** Displays the accuracy of that position. 2D GPS Fix, 3D GS Fix
8.) **Address:** Displays the estimated address of that position.

Location	Status	Incoming and Sent Messages (MOs & MTs)					
Report Date Time	GPS Fix Time	Latitude	Longitude	Speed (MPH)	Heading	GPS Status Code	Address
08/15/2009 04:27:01 PM	08/15/2009 08:26:58 PM	33.9226596	-84.4861561	21	South-West	3D GPS Fix	2397 State Rte 280, Marietta, GA 30067
08/15/2009 04:25:05 PM	08/15/2009 08:25:01 PM	33.9223583	-84.4764946	0	NONE	3D GPS Fix	1246 Bentley Rd SE, Marietta, GA 30067
08/15/2009 04:23:08 PM	08/15/2009 08:23:04 PM	33.9168091	-84.4755756	0	NONE	3D GPS Fix	Collingwood Dr SE, Atlanta, GA 30067
08/14/2009 06:36:33 PM	08/14/2009 10:36:29 PM	33.9162628	-84.4757918	0	NONE	3D GPS Fix	Raleigh Cir, Atlanta, GA 30067
08/14/2009 06:34:36 PM	08/14/2009 10:34:33 PM	33.9141461	-84.4713521	0	NONE	3D GPS Fix	1538 Terrell Mill Rd, Atlanta, GA 30067

B.) Status (Tab)

The Status tab has12 columns details listed below. Anytime

1.) **Report Date Time:** This column displays the date and time the location was reported to you.
2.) **Seq.** #: Message sequence #.
3.) **Trigger Type:** Why message was sent.
4.) **Battery Level %:** Displays the unit's internal battery level. (Not all units have this feature)
5.) **Battery Changed Flag:** States whether the units internal battery has ever been changed.
6.) **GPS Fix Time:** This column displays the date and time the location was captured.
7.) **GPS Status Code:** Displays the accuracy of that position. 2D GPS Fix, 3D GS Fix. Also displays How many satellites the unit can see 0SV, 1SV, 2SV and 3SV. Unit requires 4 satellites to get a good fix.
8.) **Position Age:** If position age is "Current" that means the vehicle has not moved since this position was captured the date and time will not change. If the position age is "Aged" that means the unit knows the vehicle has moved but cannot see satellites to get a new fix. Typical cause is gps antenna is blocked.
9.) **Alert Status:** <u>Normal</u> means the alarm is not being triggered. **12 Volt Status:** states if the low battery alarm has been triggered. **Ignition Status:** states the state of the ignition when the message was sent. **Geofence:** Status states if the Geofence set was violated.

Location	**Status**	Incoming and Sent Messages (MOs & MTs)										
Report Date Time	Protocol Seq # (Hex/Dec)	Trigger Type	Battery Level %	Battery Changed Flag	GPS Fix Time	GPS Status Code	Position Age	Alarm Status	12 Volt Status	Ignition Status	Geofence Status
08/19/2009 10:28:38 AM	0324 / 804	IDLE Timeout	100	F	08/19/2009 02:21:44 PM	No Fix Attempted	Current - No Motion Since Last Position	Normal	Normal	Normal	Normal
08/15/2009 04:27:01 PM	0323 / 803	Motion Detected	100	F	08/15/2009 08:26:58 PM	3D GPS Fix	Current - No Motion Since Last Position	Normal	Normal	Normal	Normal
08/15/2009 04:25:05 PM	0322 / 802	Motion Detected	100	F	08/15/2009 08:25:01 PM	3D GPS Fix	Current - No Motion Since Last Position	Normal	Normal	Normal	Normal
08/15/2009 04:23:08 PM	0321 / 801	Motion Detected	100	F	08/15/2009 08:23:04 PM	3D GPS Fix	Current - No Motion Since Last Position	Normal	Normal	Normal	Normal
08/14/2009 06:36:33 PM	0320 / 800	Motion Detected	100	F	08/14/2009 10:36:29 PM	3D GPS Fix	Current - No Motion Since Last Position	Normal	Normal	Normal	Normal

C.) Incoming and Sent Messages (MOs & MTs)

1.) Start Date Time: States the date and time the message was sent or received.

2.) IMSI: International Mobile Subscriber Identity

3.) Origination Address: This column states if the message is originating from the unit.

4.) Destination Address: This column states the messages destination.

5.) Incoming Message Error: Displays if the incoming message has an error.

6.) Message Sent Processing Result: Display if the message was processed successfully.

7.) Message Sent Delivery Status: Displays if the message was delivered to the device successfully.

8.) Message Sent Delivery Status Text: Displays error codes if message fails.

| Location | Status | Incoming and Sent Messages (MOs & MTs) |

Start Date Time	IMSI	Orig Address	Dest Address	Request Source	Response	Incoming Message Error	Message Sent Processing Result	Message Sent Delivery Status	Message Sent Delivery Status Text
08/24/2009 10:07:38 AM	310640100017472	6084058772			Extended Application Parameters	None			
08/24/2009 10:07:28 AM	310640100017472		6084058772	Web	Motion Sensor Enable (Permits Reporting Of Auto-Track Or Speed, Geofence And Motion Alarms)		490482838 - Success	4 - Success	Message Delivered
08/24/2009 10:07:07 AM	310640100017472	6084058772			Extended Application Parameters	None			
08/24/2009 10:06:58 AM	310640100017472		6084058772	Web	Motion Sensor Enable (Permits Reporting Of Auto-Track Or Speed, Geofence And Motion Alarms)		490482698 - Success	4 - Success	Message Delivered