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# GPS WEB INTERFACE USERS MANUAL

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User-Friendly, Web-Based Tracking for  
the entire line of GPS Products:

ArcoTrack™ Plus  
CashTrack™  
ATM Track™

*A. RIFKIN Co.*  
Established 1892

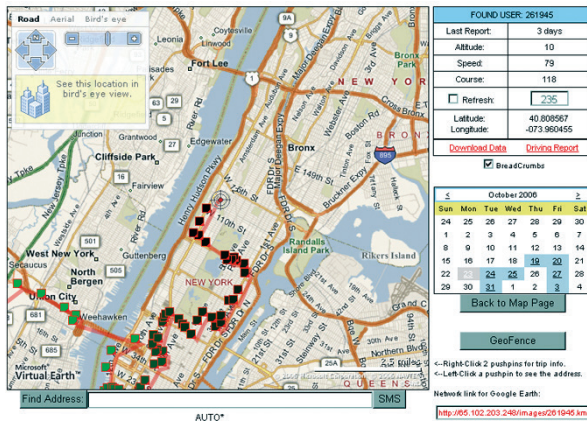
1-800-458-7300



[www.arifkin.com](http://www.arifkin.com)



# INTRODUCTION



A. Rifkin Co. offers a complete line of advanced satellite tracking devices for broad-ranging military, government, financial, and commercial institutions. Currently, Rifkin offers three tracking devices in the company's product line. Each tracking device has exclusive design features that address the unique needs of the asset being tracked.

All Rifkin GPS products operate on the same technology network and are tracked by accessing a universal, web-based user interface.

This user's manual offers a detailed summary of the unique features and functions that are available to the users of the GPS product line.

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# PRODUCT AND APPLICATION OVERVIEW



## ARCO TRACK™ PLUS

The easiest way to track courier bags, briefcases and locking security bags.



## CASH TRACK™

A covert GPS tracking solution that allows banks and financial institutions to recover currency after a robbery.



## ARCO ATM TRACK™

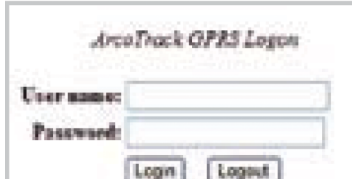
A rugged, externally mounted tracking solution for ATM tracking and recovery.

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# GETTING STARTED



ArcoTrack GPS Login

User name:

Password:

Login to your account:

Enter your assigned User Name and Password to access the ArcoTrack™ web interface

## A Quick Look Around

After logging into your account, the default ArcoTrack™ control panel presents you with a complete overview of the system's tracking features. Each of these features will be reviewed in detail later in this manual.

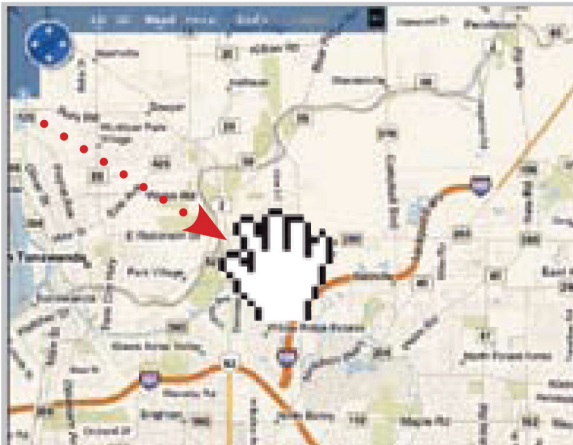
## Default Control Panel

1. Interactive Map
2. Tracking Device Detail Summary
3. Calendar Display
4. GPS Device List
  - a. Shown in simple list or family grouping format
5. Custom GeoFence setup feature *(for ArcoTrack™ only)*
6. Custom interval reporting (poll) setup feature



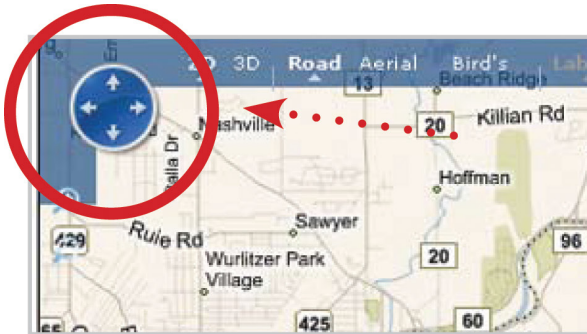
# INTERACTIVE MAP

## Moving around the map



- **Click and drag**

As you roll your mouse over the map, the arrow icon will change to the image of a hand. Simply click anywhere on the map and drag with your mouse to reposition the map.



- **Pan Tool**

In the upper left-hand corner of the map you will see a circle with four arrows. Click anywhere on the circle to reposition the map.

## Map Zoom



- **Mouse Roller Ball**

Most PCs use a mouse with a center roller ball between the left and right click buttons. To zoom in or out of the current map view, simply rotate the ball forward or backward on your mouse.

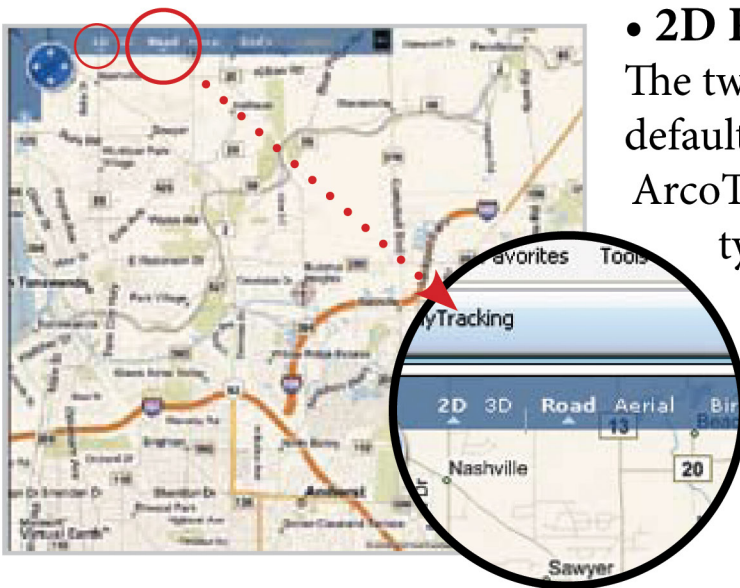


- **Zoom Tools**

Just below the circular Pan tool in the upper left corner of the map, you will see magnifying glass icons with a "+" and "-" symbol. To zoom in simply click or hold the "+" icon. To zoom out click or hold the "-" icon

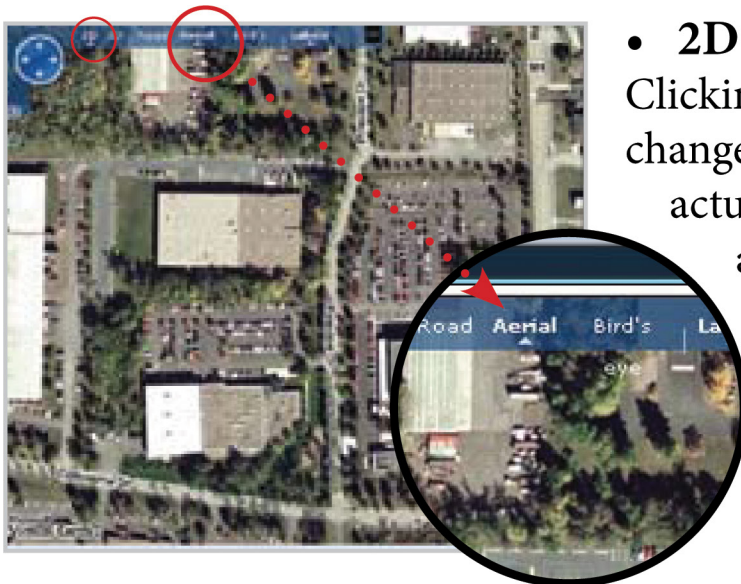


## Enhanced Map Views



### • 2D Road View

The two-dimensional road view is the default display every time you login to ArcoTrack™. This view is similar to a typical roadmap presentation.



### • 2D Aerial

Clicking “Aerial” in the menu bar changes the current map view to an actual aerial photo image. This allows you to look down on the selected area and see great detail including physical structures, buildings, roads, parking lots and fields.



### • 2D Birds Eye

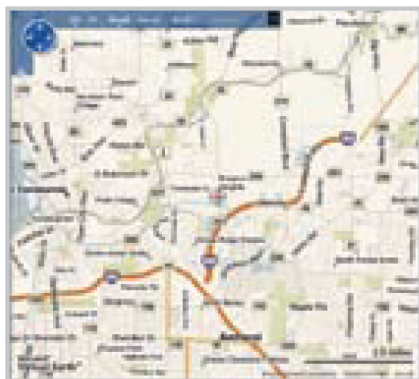
Clicking “Bird’s Eye” in the menu bar changes the current map view to a high-resolution, multi-angle photo taken at a distance of 40 yards or closer. This perspective shows extreme detail and clarity of the surrounding area.



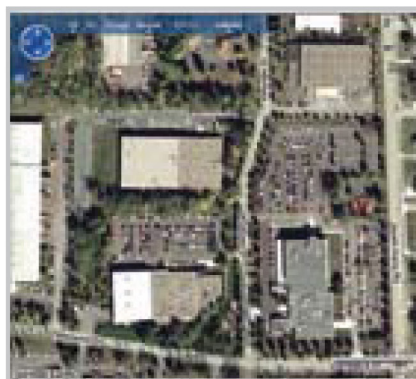
- **Map Labels**

The “Label” feature in the map menu allows you to “turn on” or “remove” street names and identifying labels from the map.

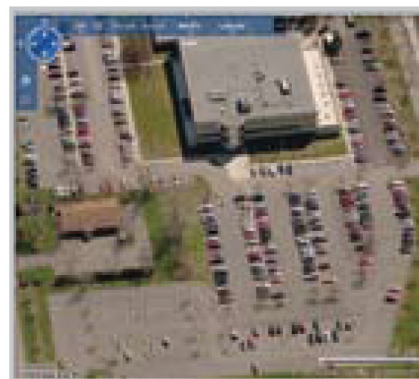
## Many Mapping Options... Amazing Detail



2D Road



2D Aerial



2D Birds



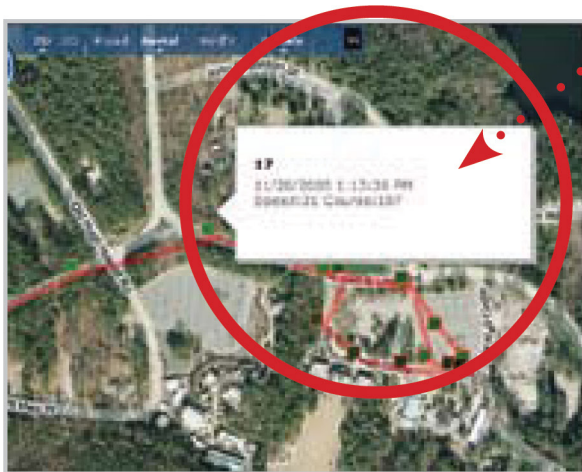
## Understanding Map Tracking Icons



### Colored Boxes

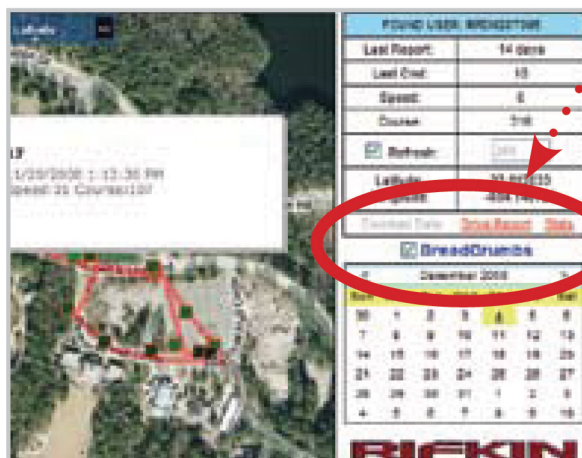
The active or historical daily track for the selected device is shown on the map by color-coded boxes that are connected by a straight, solid line. The first “poll” report is shown on the map with a light green box. Consecutive reports display darker green boxes with the most recent appearing black in

color. The last reported position is displayed by a blue arrow or blinking “target” icon. The colored boxes are connected to show an approximate “route traveled” on the map.



### “Poll” Report Details

If you position the hand pointer over a colored box on the map, a pop-up box will appear that displays detailed information on the device, including: “poll” number shown in daily sequence order, date, time, speed and course at the time of the recorded report.



### Breadcrumbs Feature

The default setting for map tracking is to display the 5 most recent location reports in color-coded boxes. By checking the breadcrumb box, all recorded location reports for the selected day will be displayed on the map.

# GPS DEVICE LIST

This window displays all devices that are associated with your account and the time since the last “poll” report. During the account set-up process, you will have the option to display devices in a simple list format or you can choose to group devices by family.

Family groups are commonly used by banks with multiple branches or commercial operations with multiple locations. Example: The National Bank account can be set up to display all branches at login. After clicking the branch name all devices associated with that branch will be displayed in a simple list format. This feature is convenient for centralized monitoring.

## National Bank (example)

630 1st Street, NY (Family name)

001 GPS (device name)

002 GPS

003 GPS

210 Main Street, NY (Family name)

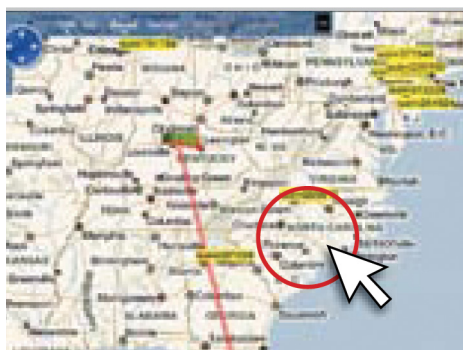
004 GPS (device name)

005 GPS



## Change Device . . . . .

To view tracking information for a different device in your account, highlight the desired device and click “Get”. This will update all information in the Tracking Device Detail Summary window as well as the interactive map display. Historical data for the newly selected device can immediately be accessed by clicking on the calendar as described in section 3.



A second option for changing the current device is to click on the device name on the map. As you “zoom out” in any map view, all devices will be identified by name and yellow highlight. Double clicking on the device name will change to the newly selected target.



# Tracking Device Detail Summary



## 1. Found User

Identifies the current “target” also referred to as the active GPS device. The unique device name appears after the colon.

## 2. Last Report

Shows the time since the last known report in seconds, minutes or days.

## 3. Last Cmd

Shows the current “poll”/ping report rate. For example: “rptEvery15min” means that the device sends a position report every 15 minutes.

## 4. Speed

Displays the speed of the device at the time of the last position report.

## 5. Course

Displays the magnetic heading of the device at the time of the last position report.

## 6. Refresh

Displays the current web browser “Refresh” rate. When the box is checked, the refresh rate approximately matches the device “poll” reporting rate. Users can un-check the box to turn off the automatic refresh feature.

## 7. Latitude/Longitude

Displays the positioning coordinates of the device at the time of the last position report.

## 8. Drive Report

After clicking the Drive Report link a pop-up window will appear that provides a detailed, daily tracking report for the selected device. This driving report maintains a separate written entry for every successful “poll” of the device. Details include: departure time, nearest address, max speed, arrival time, driving time in minutes, distance traveled and time parked.

Driving Report for RPD701798 on Tuesday, December 02, 2008

DepartTime	Address	Max Spd	ArriveTime	DrvTimeMin	Di	TimeParked
8:50:48 AM	18776 Morris Ave, Homewood, IL 60430	0	8:45:48 AM	15	4.4	
8:59:46 AM	18776 Morris Ave, Homewood, IL 60430	38	8:45:46 AM	25	15.8	N/A
8:54:46 AM	Moline Eddy W, Oak Park, IL 60454	18	8:00:46 AM	50	14.9	Parked

## 9. Stats

After clicking the Stats link a pop-up window will appear that provides a consolidated monthly accounting of miles driven. Each column in the report represents an individual device that is associated with the account. Total miles traveled are tallied and displayed in monthly increments.

Miles Driven 2008

Month	rpdm197828	rpdm197824	rpdm197825	rpdm197826	rpdm197827	rpdm197828
Jan	0	0	649.1	13.2	0	182.9
Feb	13.1	2	113.2	2	32	131
Mar	0	18.8	41.1	226.7	83.4	231.7
Apr	0	0	29.7	41.5	21.9	48.1
May	0	0	31.6	7.3	64.7	206.3
Jun	0	0	0	1	0	448.8
Jul	0	0	17	0	42.8	206.1
Aug	0	0	24.4	0	30.8	420.7
Sep	0	0	0.2	0	67.8	943.2
Oct	18	0	13.3	0.1	0	187.1

## Find Address Feature

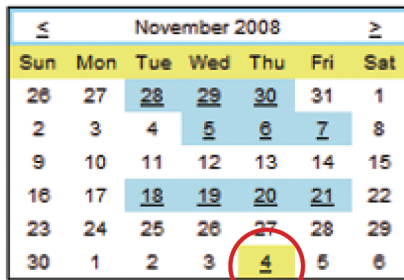


This function allows the user to type, find and display any address in the world on the map. Once the address is “found”, all mapping features such as Road, Aerial and Birds Eye are enabled.

To find a location on the map, simply type in the full address including street number, street name, city, state & zip code and click the Find



# Calendar Display



November 2008						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

The default calendar view highlights the current date in yellow.



November 2008						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

The availability of historical tracking data for the selected device is indicated by a blue box on the calendar.



November 2008						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

To navigate between months, simply click the forward or backward arrow. These arrows can be found on the upper left and right hand corner of the calendar header.

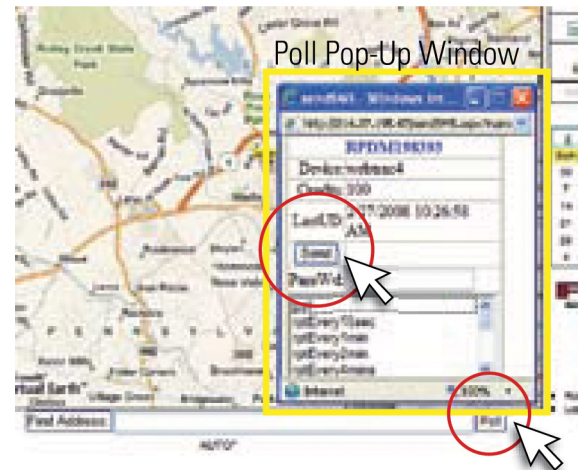


November 2008						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

To view historical archived tracking data, click on a blue highlighted date. This will change the map image to show all recorded “poll” reports for the selected day.

# Custom Interval Reporting Setup Feature

After clicking the “Poll” button located below the interactive map, a pop-up window will appear that allows a user to change the “Poll” (reporting) interval for the selected device. There are 13 custom intervals that range from a minimum of every 15 seconds to a maximum of every six hours. There is also a “Report Off” setting that allows the device to enter a power-saving sleep mode to extend battery life. This feature should only be selected when location reporting data is not required.



To change the “Poll” interval, select the desired option, enter your authorization password and click “send”.

## Poll Rate Status

The current Poll Rate Status for the selected device is displayed just below the Find Address bar. These visual notifications include:

**Stop Commands / Report Off\***: Indicates that the device is in a power saving, “No Report” sleep mode. This significantly extends the battery life of the device.

**Poll/Do Poll**: Indicates the device is operating in a “manual request mode” and that the device needs to be manually “polled” to view current data.

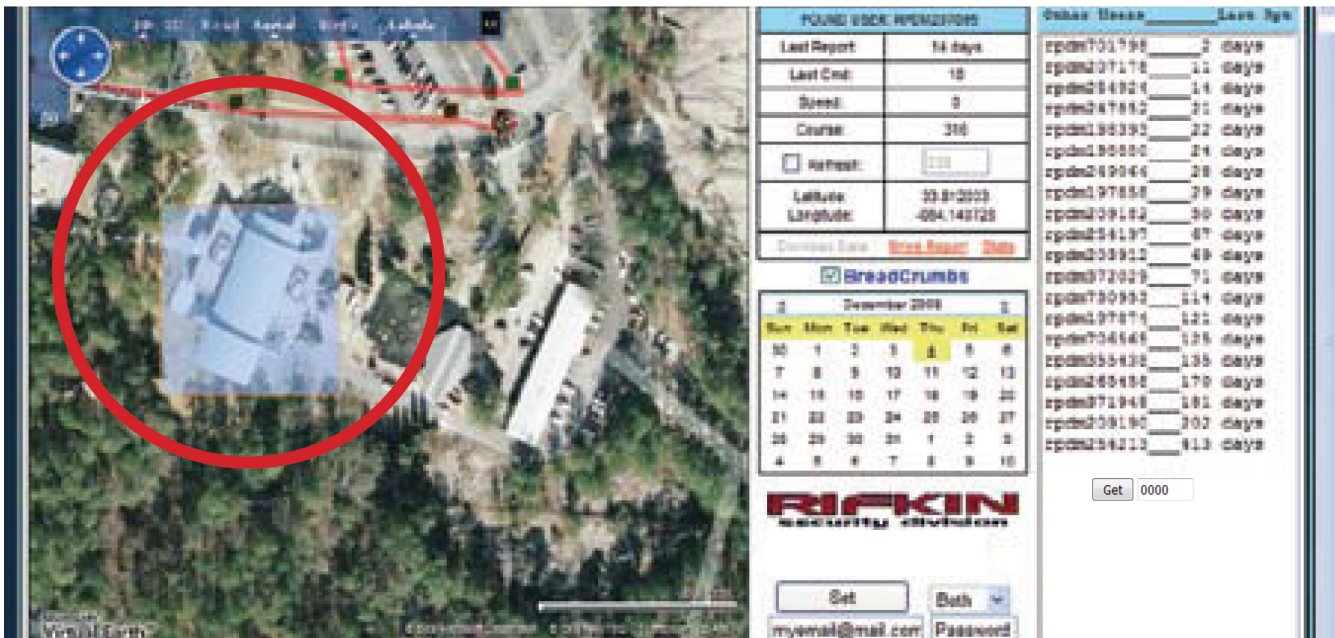
**Auto**: Indicates that the device is operating in a “automatic mode” and poll data is recorded at preselected intervals (See Last Cmd page 12 point #3).

**Geo Fence\***: Indicates there is an active Geo Fence for the selected device.





# Custom GeoFence Setup Feature\*



A GeoFence is a user created area on the map that represents a free-movement area for the ArcoTrack™ device. If the device ever enters or leaves the “fenced-in area”, the unit is immediately activated and either an automated e-mail or phone call is issued to alert of the change in location. The geo-fence is perfect for banks, parks or courier services that only want to track a device if it enters or leaves a preset “safe zone”. You can create a custom GeoFence for an individual device by following these steps:

- Select the proper ArcoTrack™ device (as described in section 4)
- Click the GeoFence button located below the Rifkin Security Division Logo
- Navigate to the position on the map where you would like to create the GeoFence (as detailed in section 1)
- Double-click the starting point for your fence
- Drag the cursor to the end point for your fence
- Double-click again to create a highlighted GeoFence area
- Make the fence significantly larger than the area you are targeting.
- After you draw the fence delete the auto populated e-mail titled (myemail@mail.com).

- Enter e-mail address(s) or phone numbers (for text message notifications) with the e-mails entered first and the phone numbers second. Enter a “+” and a “1” before each phone number. Example: dbuck@arifkin.com;jpiecka@arifkin.com;+1717555100.  
Maximum of three entries only (in any combinations) and place a (;) “semi-colon” between each entry and do not leave any spaces.
- After the entries are made select (enter, exit, both or 1 shot) from the drop down.
- Delete the pre-populated word “password” from the password box and then enter your password.
- Click set when all the information has been entered.

## **To verify your fence:**

- Click the geo fence button.
- Find the geo fence that was created.
- Place your curser on the fence and the address with fence alert notifications will display (do not click on the fence).
- Verify they are correct.
- If correct, click on today’s date on the calendar.
- If they are not correct, click on the word delete, say OK to the dialog box that pops up, enter your password in the pass word box and then click set. The fence will be deleted and you are now ready to create a new geo-fence with the corrected information.