Locate GPS Site Guide

Log In

Please go to locate.brickhousesecurity.com.

Enter the username and password from the login email you received. The characters used in these fields are case-sensitive. Next, select the interface language. If necessary, you can change the language later in the user settings.

You will be asked to update the password when you first log in.

Getting a New Password

If you have already registered in the system but forgot your password, enter your email address and click Next. On the next page, click on the **Forgot password** link. If the entered information matches the existing data in the database, instructions for setting your password will be sent to you via email.

If you pressed **Forgot your password?** by accident, delete the received email with a password reset link and use your previous login and password. If you follow the link, you must enter a new password. You can reset the password no more than once a minute.
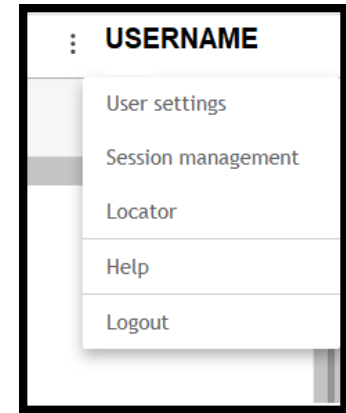
Customizing the Interface

Top Panel

The platform's main menu in the top panel offers various elements tailored to your access settings.

User Menu

At the right corner of the top panel, the username used to log in is displayed. Clicking on the username opens a menu with the items listed below.

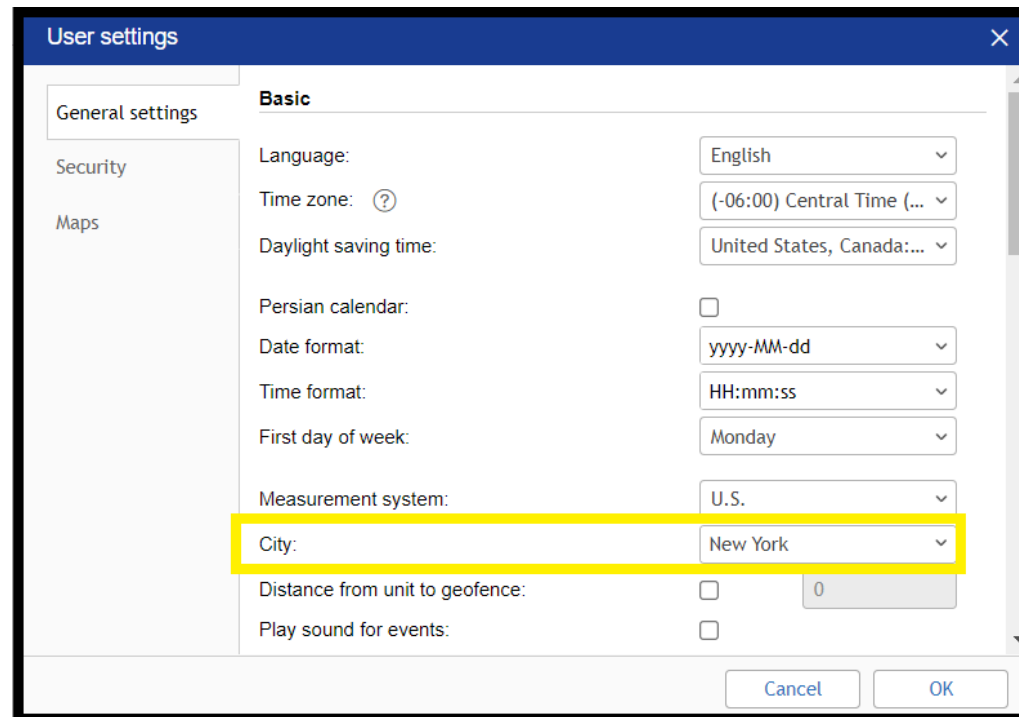|	
User settings	Open user settings for viewing and/or editing.
Session management	Open the Session management window.
	Shows the list of applications with access to your account and devices that can receive mobile notifications from BrickHouse. The lists are created automatically after logging in to the application.
Locator	Opens the Locator dialogue box.
	Allows you to share the unit location in real time.
Help	Request help from our Tech Support team
Logout	Click here to log out of the system.

User Settings

To choose user parameters, click on the username in the right corner of the top panel and press the 'User settings' button in the dropdown menu. Next, follow the steps:

• Indicate your time zone.
• Select the type of daylight savings time used in your region.

Please select the settings properly, as they will be used when generating reports, messages, and elsewhere throughout the system.

Indicate a city in the dialogue box to scale the map for tracking entries.

Editing Your Unit

Make sure the device is displayed on the monitoring tab before editing a unit.

Click the wrench icon next to the unit you want to edit in the 'Units' tab of the work area.
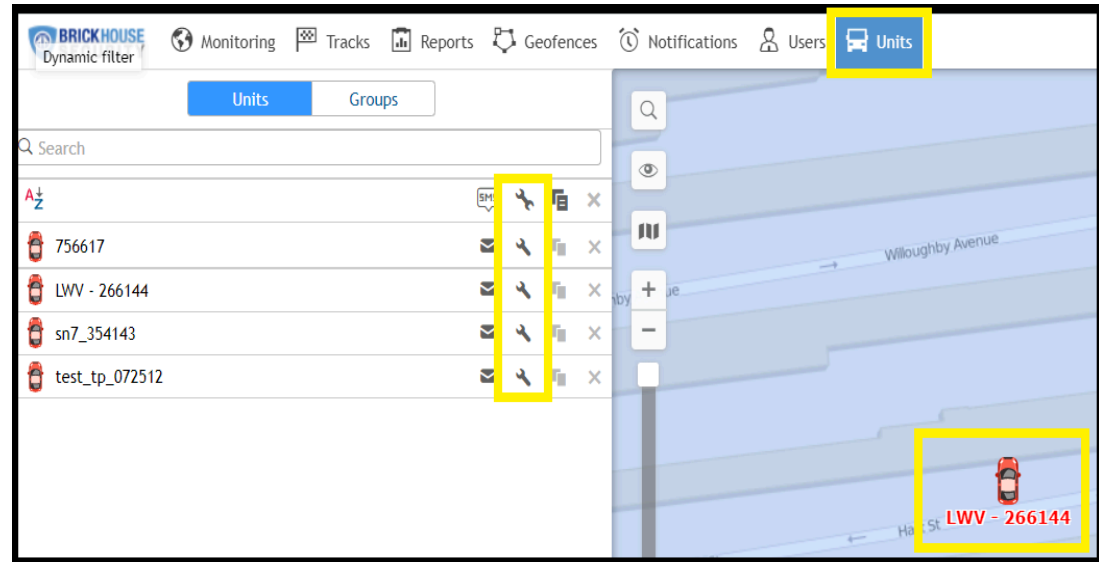
When shown on the map, a unit is represented by an icon with a caption displaying its name.

The icon is selected during the configuration process and can be chosen from a standard set of icons or uploaded from your device on the Icon tab.

The orientation of the icon can be adjusted to match the course or direction of the unit, as defined in the unit properties.
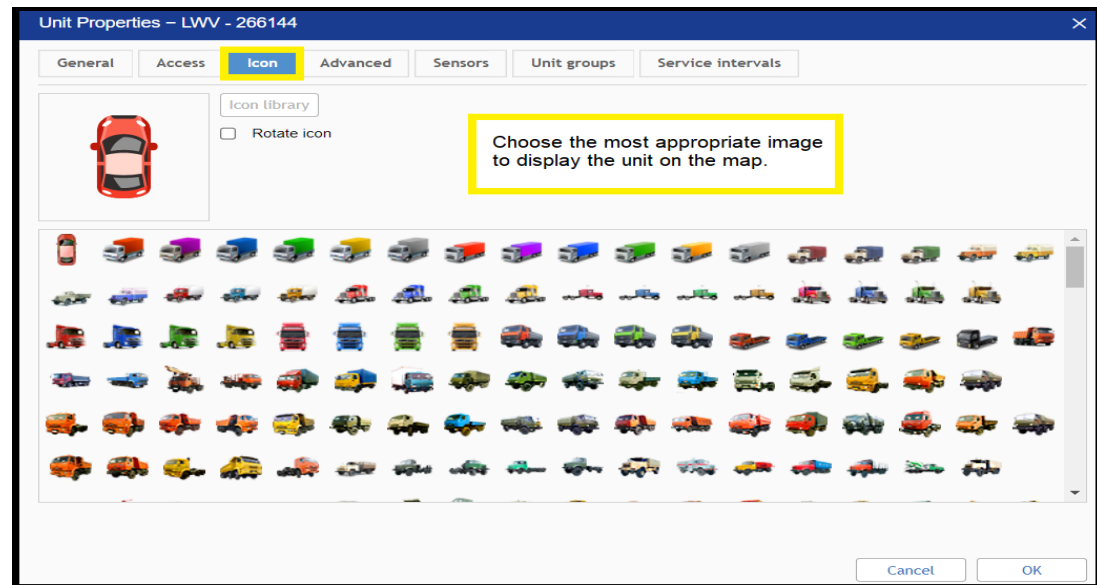
Alternatives to Icons

Unit icons can be replaced with simple motion indicators. This option is called **Replace unit icons with motion state signs** and is set in the user settings.
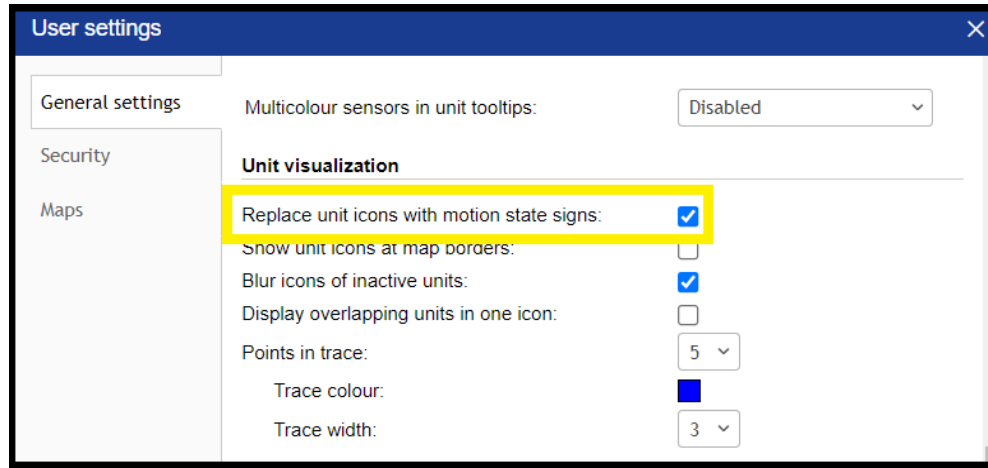


The following symbols are:

- Green arrow: the unit is moving, and the direction of the arrow indicates the direction of movement
- Red square: the unit is not moving
- Yellow circle: the unit is receiving power from the ignition, but not moving
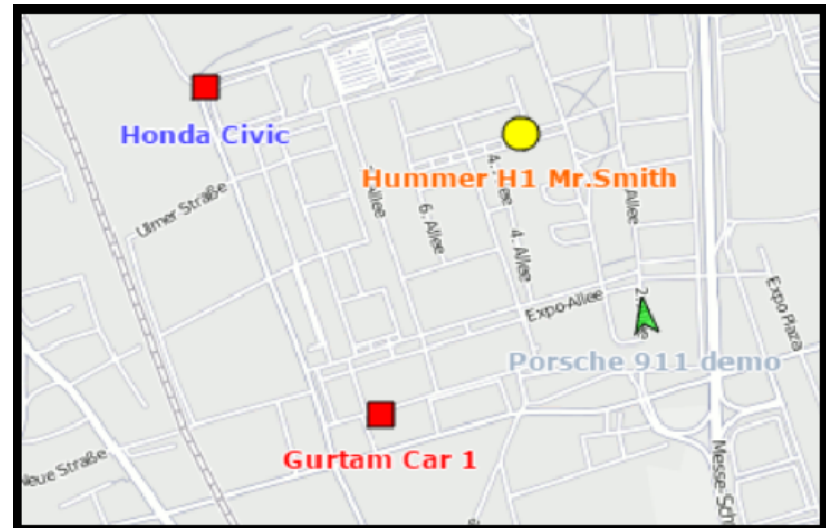
Monitoring Tab

The Monitoring tab gives access to the main tracking features. Here you can watch the movement of units on the map, send commands and messages to them, monitor parameter changes online, etc.
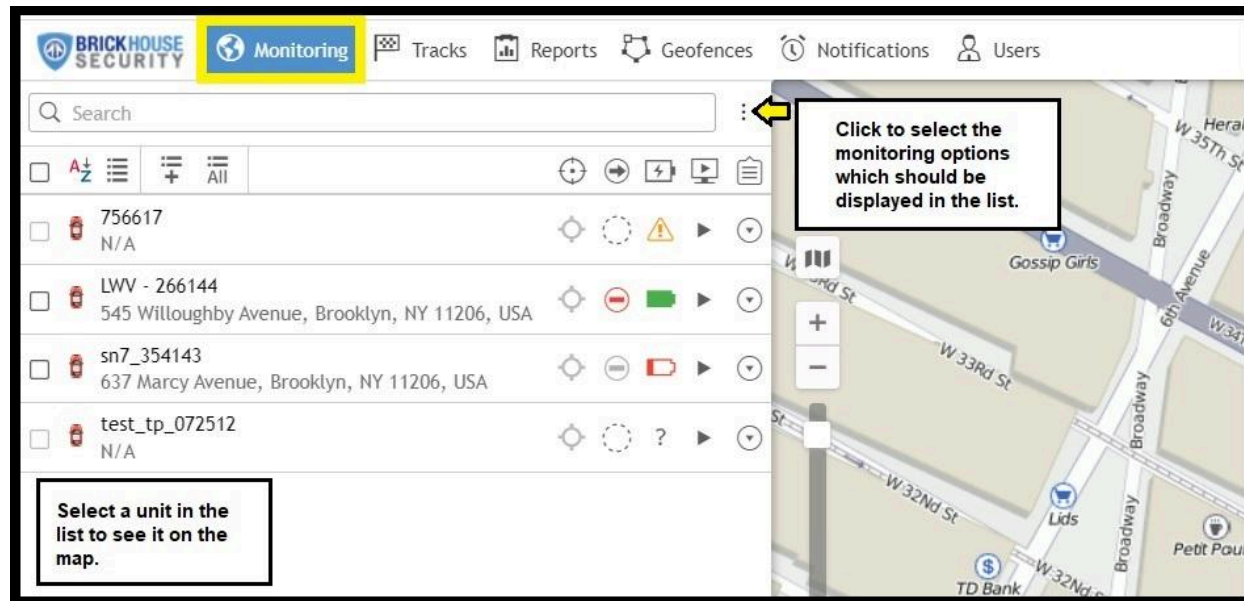
To open the Monitoring tab, click on its heading in the top panel. The tab has a list of units that you can monitor on the map. The list can contain all units available or just some of them. You can easily add and remove units from the monitoring list, which does not lead to their removal from the system.

To quickly find a unit in the list, use the dynamic search bar above it. Next to the name of each unit, some icons allow you to assess the state of the unit or perform certain actions. Above them, in the header of the table, some icons allow you to order units according to various parameters. To display the icons in the work list, configure the monitoring options.

To locate a unit on the map, click on its name in the list. The map centers and zooms in on the selected unit.

The map displays only those units that are selected in the list. You can select or deselect all units at once using the checkbox in the top left corner of the list.

You will see the selected units on the map if they are in the visible area. You can move and zoom the map if needed, controlling your view the same way you would in most online mapping platforms.

If the **Show unit icons at map borders** option are activated in the user settings and the unit leaves the map's visible area, its icon will be displayed on the edge of the map.
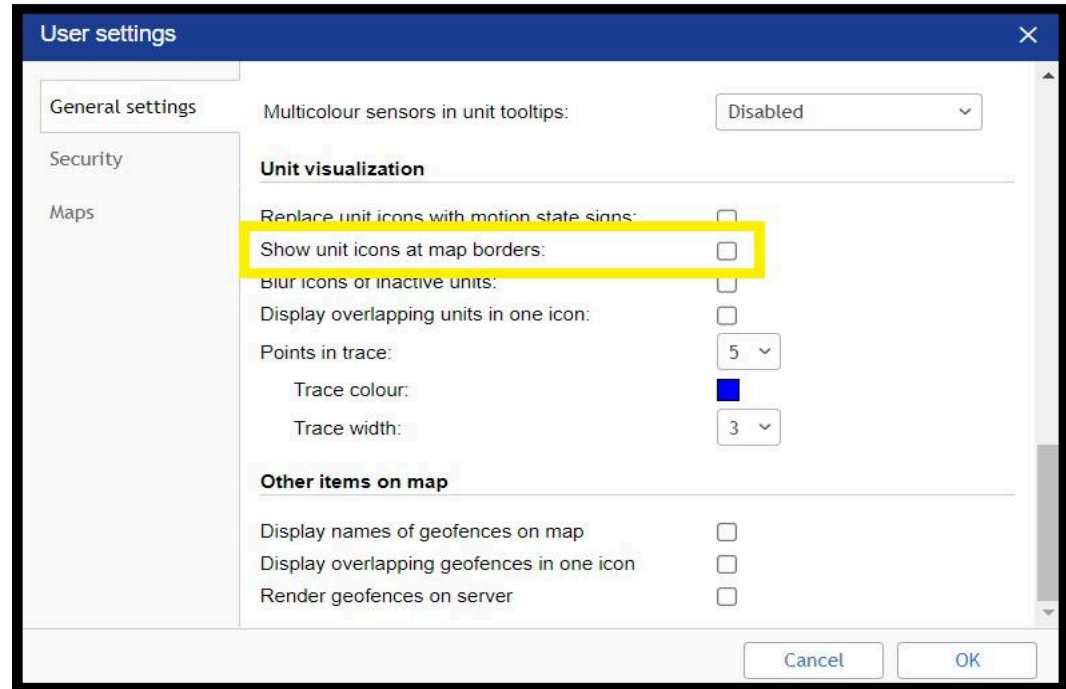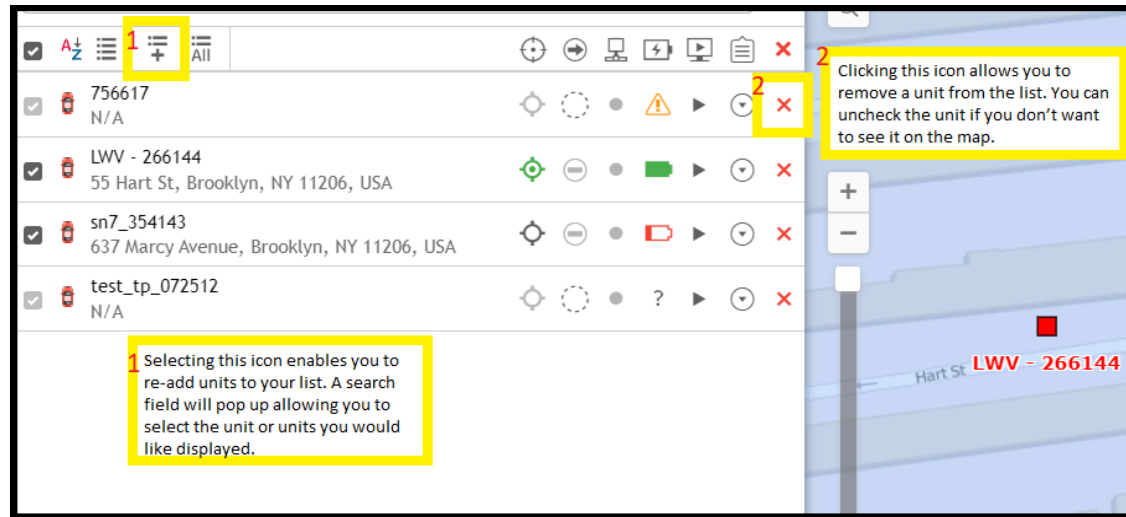

Click on the icon to move to the unit on the map.
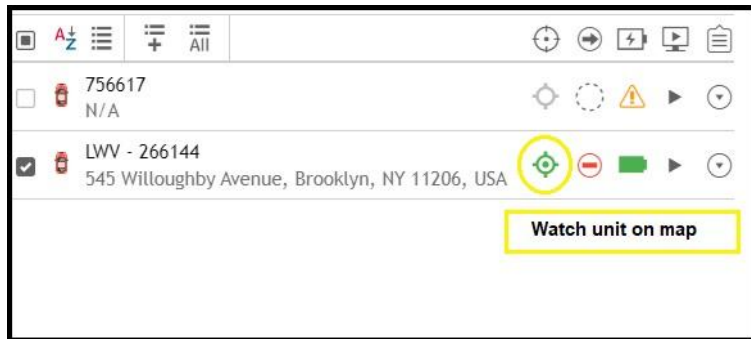
To keep the location of a unit on the map, click on the **Watch unit on map** icon. When a new message is received from the unit, the map is automatically scaled so that you can see it.

Managing Your Units

All your GPS units are shown in the control section.

☑	The units that are selected for display on the map are checked in the first column of the table. To select all the units, check the box at the top of the table.	≡	A switch button that displays unit groups.
A↓Z	Sort all your devices by item name in alphabetical order.	≡+	The button to find and add individual units or groups to the list.
A↑Z	Sort all your devices by item name in reverse alphabetical order.	≡All	The button to add all available units or groups to the list.
≡	A switch button that displays individual units.	⋮	The Monitoring panel customizer (columns selection).

Monitoring Tab Icons

This section shows the icons and explains their meanings.

Connection state

Icons show whether there is a network connection with the unit at the moment.

- The unit is connected.

- The unit is not connected.

Battery level

- battery level from 0 to 25%

- battery level from 26 to 50%

- battery level from 51 to 75%

- battery level from 76 to 100%

Motion State Icons

- This icon means we have current data, and the unit is in motion.

- This icon means the unit is stopped or parked.

- This icon indicates the unit has stopped and is not sending data to the site.

- This icon indicates that the device was in motion when it stopped sending data to the site. If we lose contact with a device, it could indicate a loss of cellular service or that the unit was powered off.

- This icon will appear if the unit has not sent any data yet.

Data Accuracy Icons
The left bar displays satellite availability.

- Green - satellites are available.

- Red - satellites are not available.

- Gray - satellites are not available for a period greater than indicated in the 'Options Customizer' menu.

Data Accuracy Icons

The left bar indicates data connection and the right bar is for GPS signal.

- Green - the unit sent data less than 5 minutes ago.

- Yellow - the unit sent data within the last hour.

- Orange - the unit sent data in the last 24 hours.

- Red - no messages for a long period.

- Gray - the object never sent any data.

These indicators will help with troubleshooting and give you a better idea of what your position accuracy will be.

- Show Track icon will display historic tracking data for the day.

- Quick Report icon will quickly execute the default report. It is commonly set to the activity report.

- Command icon will allow you to send command requests to your unit. The ping command will locate your unit.

- Register Event icon will allow you to record data for different purposes, most commonly for report purposes, but also for maintenance, fueling, and other customized events.

- Properties icon will allow you to access unit properties. Here you can set the odometer and change the unit name.

Inactive Units

If there are no data messages from a unit for more than 48 hours, the unit is considered inactive.

A unit's icon and name tell you its condition. Inactive units are displayed on the map with blurred icons and transparent names.

You may also notice an icon similar to this: This indicates three units are near each other. Once you zoom in, you will see where the units are located individually. Clicking on the icon will automatically zoom in to the level where you can see all three units separately.
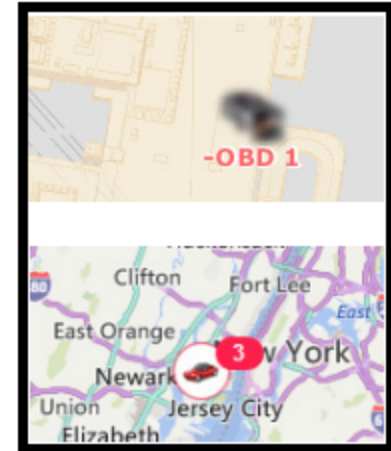
This is the map zoomed in, showing three units separately.
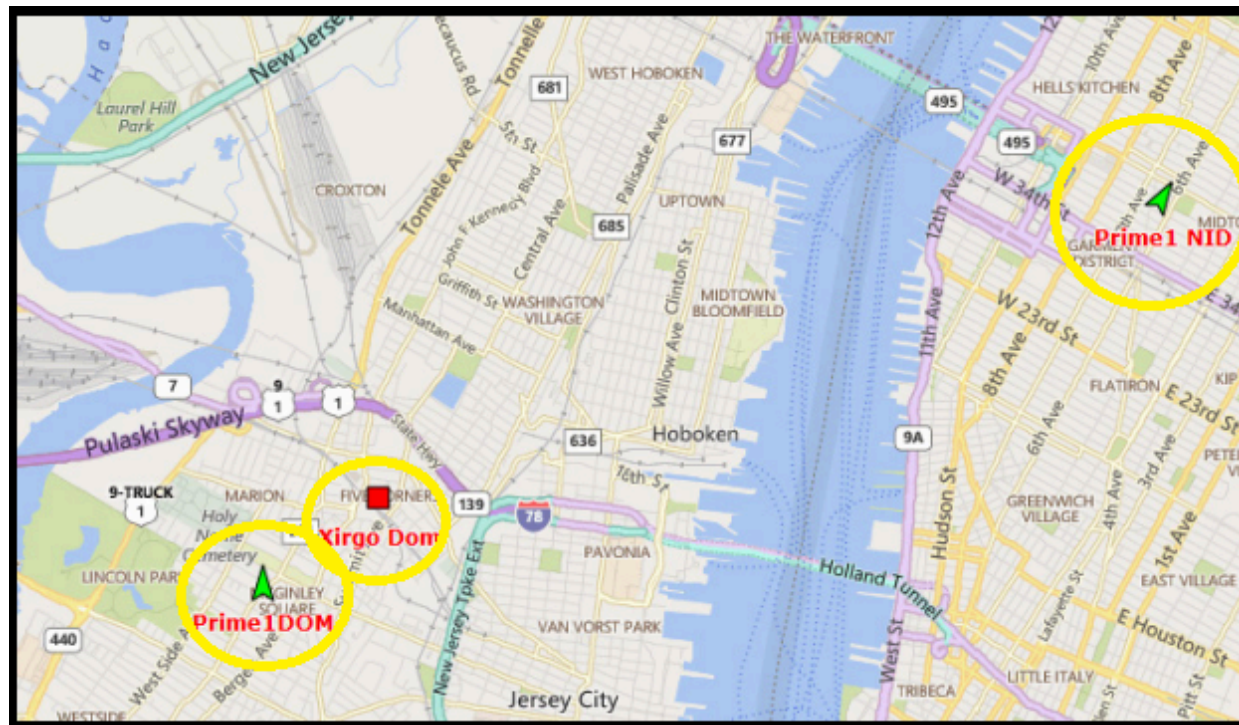
Mini Map

A Mini Map displays in a popup window with current information about the selected unit. If you click on the unit icon on the map or the unit in the list, it will open a new small map window.

The mini-map will center on the unit and follow it as it moves. The mini-map window will appear and you can move it anywhere within that window.

The G icon in the right corner of the mini-map will provide you with a Google Street View where it is available.


Locator

A locator provides a link to share so a unit can be tracked without access to the entire system. From the top bar, click on the user name and click Locator. Click on the "New" link for sharing units.

A pop-up window will display the options. *Now* indicates immediate access, or you can select a specific time.

Life span is when the link you provide expires. The box shows all the available units. Select one by highlighting a unit in the left box and clicking on the right double arrow. If you wish to remove one from the list, highlight it in the right box and use the double left arrow.
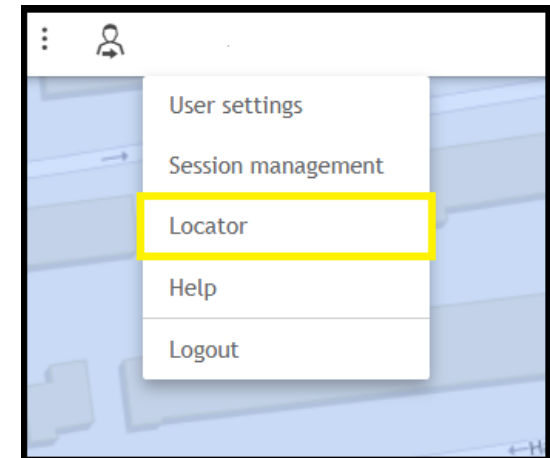
Select *Tracks* to display the historical tracking of the day. Select *Geofences* to show Geofences. To keep things simple, leave the sensor masks unchecked. Click *OK* at the bottom right.

After you click *OK,* you will be provided with a link. If you click on the chain icon, it will copy the link so it can be added to an email or a document for sharing.

Tracks Tab

A track is a line drawn on the map to show how a unit moved during the indicated period. A track is mapped using the points from where messages were reported. Each point stores the date and time when the message was received and coordinates at the point, as well as other parameters (speed, sensors, etc.).

To open the **Tracks** tab, select a corresponding name in the top panel or click on the necessary item in the main menu customizer.

Mapping a Track

1. Select a **unit** in the dropdown list. Its contents depend on the list in the **Monitoring** tab and access to the units.
2. Adjust the desired **parameters** for the track (color, thickness, etc.).
3. Define the **time interval** within which you want to get the data.
4. After filling in all the fields, press **Show Track**.

Markers

To highlight important events on the track, you can enable the display of markers. The set of available markers is the same as in the reports, but some require additional sensors to be installed in a vehicle:

|	
	- fuel theft
	- speeding
	- fuel filling
	- event (violations are identified by the marker)
	- image from messages
	- video from messages
	- parking place
	- stop
	- initial and final positions (final positions are identified by the marker)

Below, we see the result of choosing a single track (one solid color), but you can also select to show a single unit with varying colors for different sensor values and speeds.
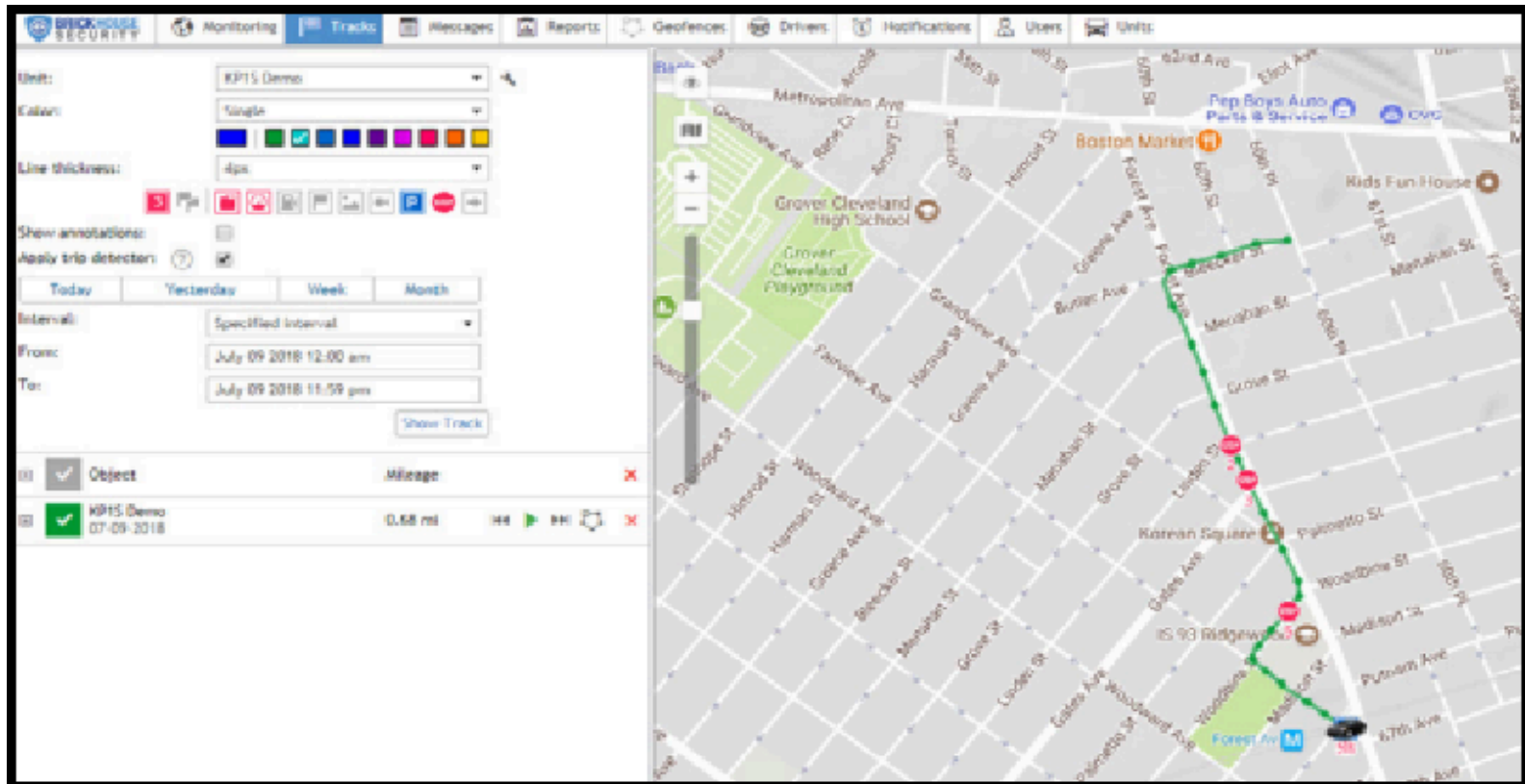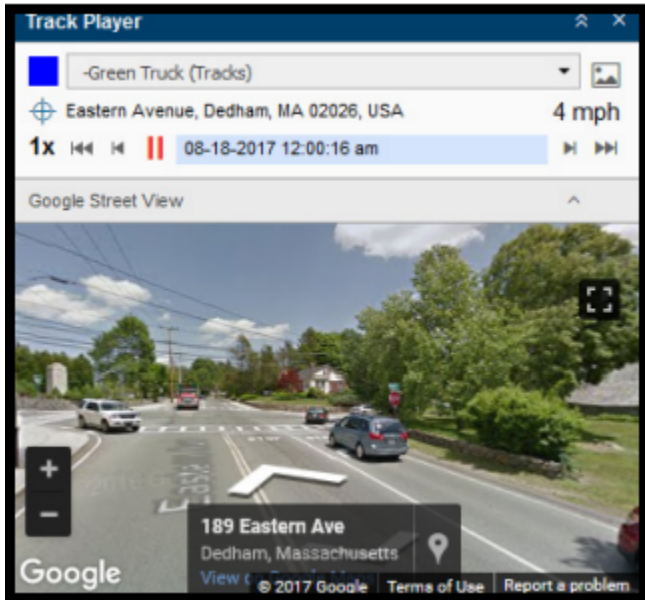
This will display the trip for the requested time period. You can now see the trip and play it back.

The **track player** will control the playback on the map and also includes Google Map street view images that correspond to the playback on the map.

You may also have a section for sensor values to watch during the playback.

Also, you can click on the circled icon below to see the trip as a geofence in the result line.
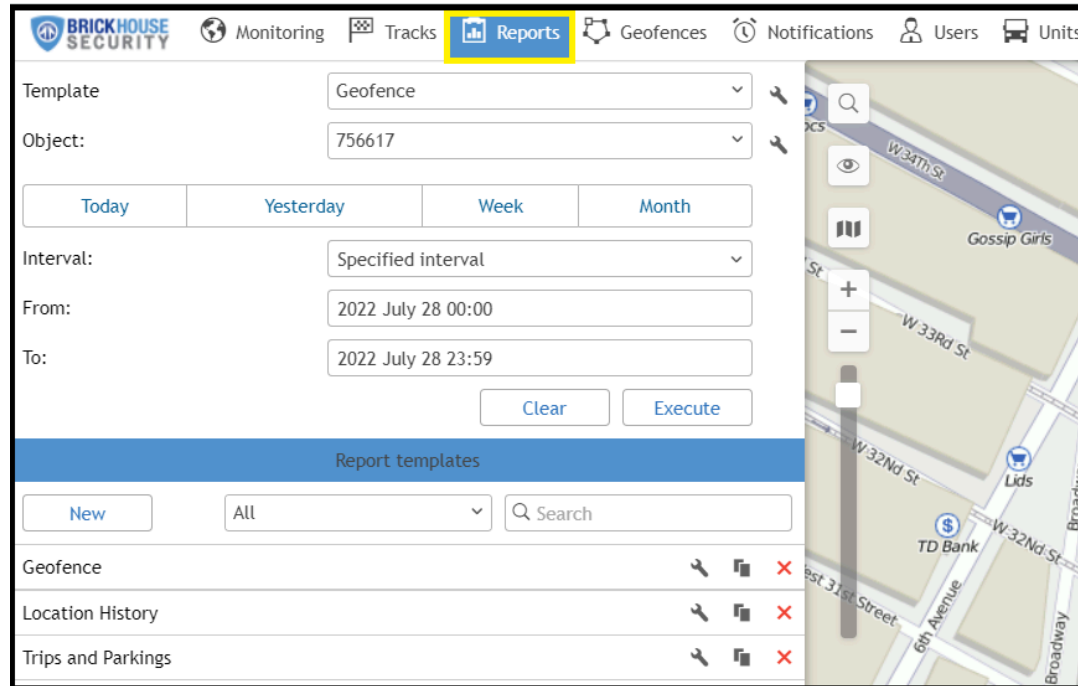

If you hover the mouse over the icon on the map on the tracking tab, the tooltip will provide you with information.
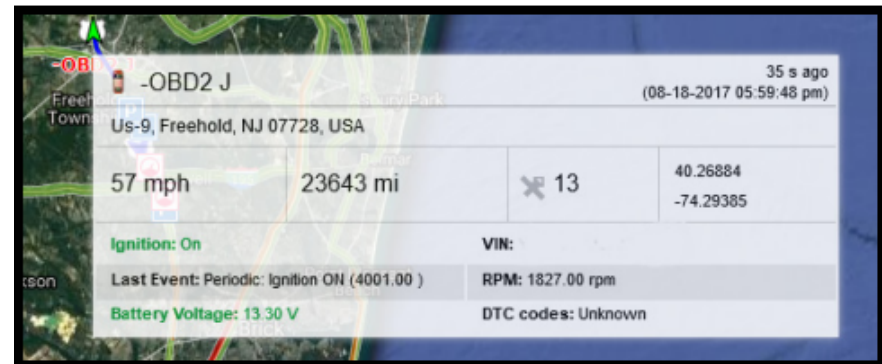
Reports Tab

To switch to the **Reports** tab, click the **Reports** header in the top panel and select the same name item in the main menu customizer.

Reports on the activity of a unit are presented in the form of tables and graphs. They can be viewed in a browser window, as well as exported to files of various formats.

We have created report templates to make finding the data you need easy. The most useful is the activity report, which includes most data available in its tables. Other report types are customized to suit your needs, so you don't have to hunt through the tables.

To obtain a report, set parameters in the work area: select report template, unit, and reported interval, then press Execute.

Geofences and Notifications

Creating a New Geofence

By setting up a geofence and creating notifications for it, the GPS device can alert you when it enters or exits a preselected area. You will be notified via text or email if it crosses the zone.

Geofences can be used to monitor units' activity inside or outside of these areas. You can choose an image for a geofence or add a description. A geofence can have the shape of a line (for example, if you want it to follow an avenue or road), a polygon (drawn around a city or park), or a circle with any radius.

To set up your first geofence, please follow the steps below.

1. Log in to your GPS Account on the desktop site, and click on the "Geofences" tab.
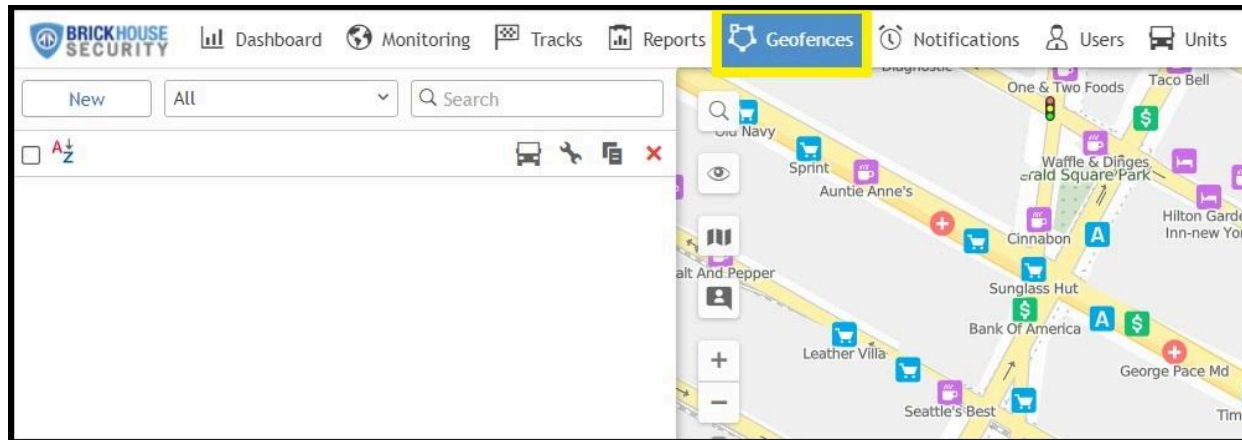
2. Click the magnifying glass icon and type in an address.

Tip: Zoom into the area on the map where you would like to create the geofence. To get the most accurate results, be sure to center the geofence on the location you want to monitor and make it large enough to enclose the surrounding perimeter outside the fixed address.
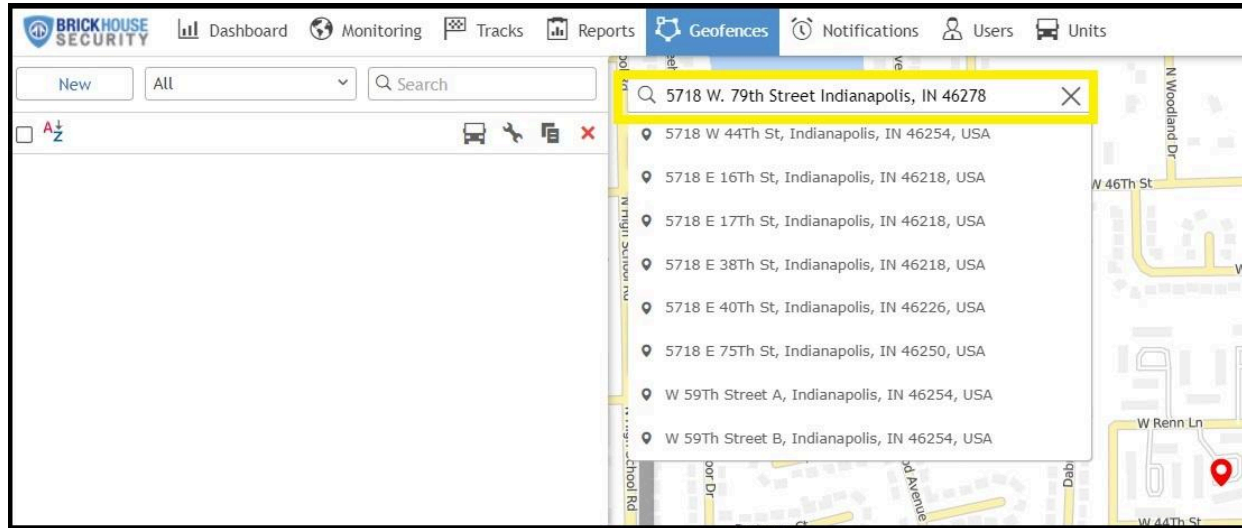
3. Click on **New** in the menu and give your geofence a clear name and description. It will be helpful when you receive alerts, as you will know which geofence is being triggered and can find the device on the map quickly.
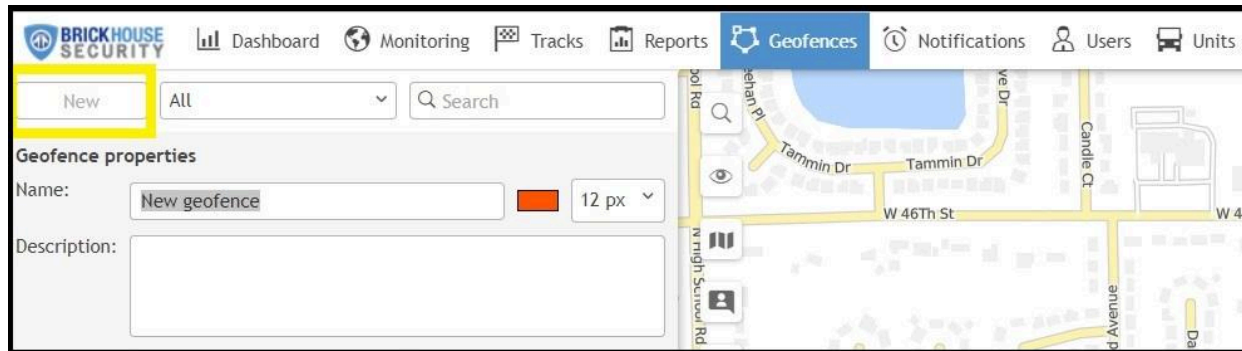
4. After clicking the New button, a help window appears to provide you with instructions for drawing geofences. Choose a geofence type on the left: line, polygon, or circle.
Map a geofence. Here are the basic rules for mapping a geofence:

- Double-click on any spot on the map to put the first point. Then, add more points using the same method. Put the points as close or as far from each other as you want.
- Double-click on a segment between them to insert a point between two other points.
- To move a point to another place, click on it and, while holding the left mouse button, drag it to another place on the map. Then, release the mouse button.
- To delete a point, just double-click on it. Note that points cannot be deleted if there are only two points (for lines) or three (for polygons).

We suggest starting with a circular geofence. Click on the spot on the map you want the geofence to be centered. You can move the center of your geofence by selecting the dot on your map, and while holding down your mouse key, drag the dot to where you want the geofence centered on the map. To increase the size of your geofence, change the number in the Radius, ft box until your geofence is the size you want.
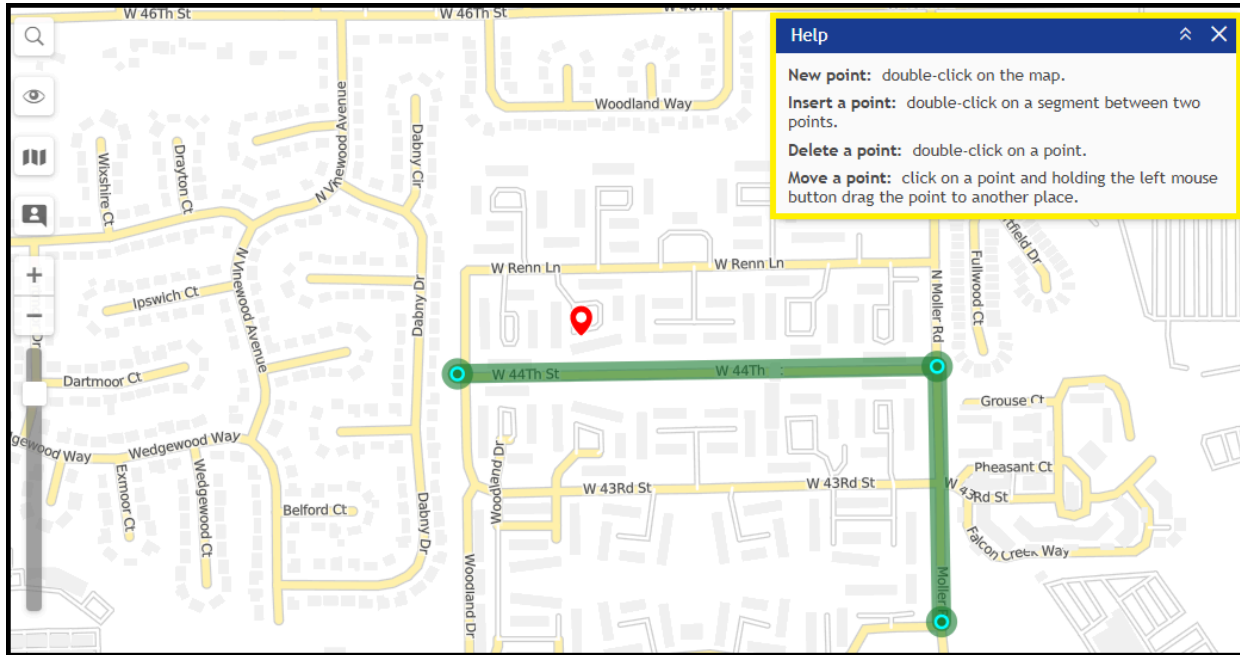
Remember: You can zoom in on the map for more detail. The default geofence area is 100 feet.
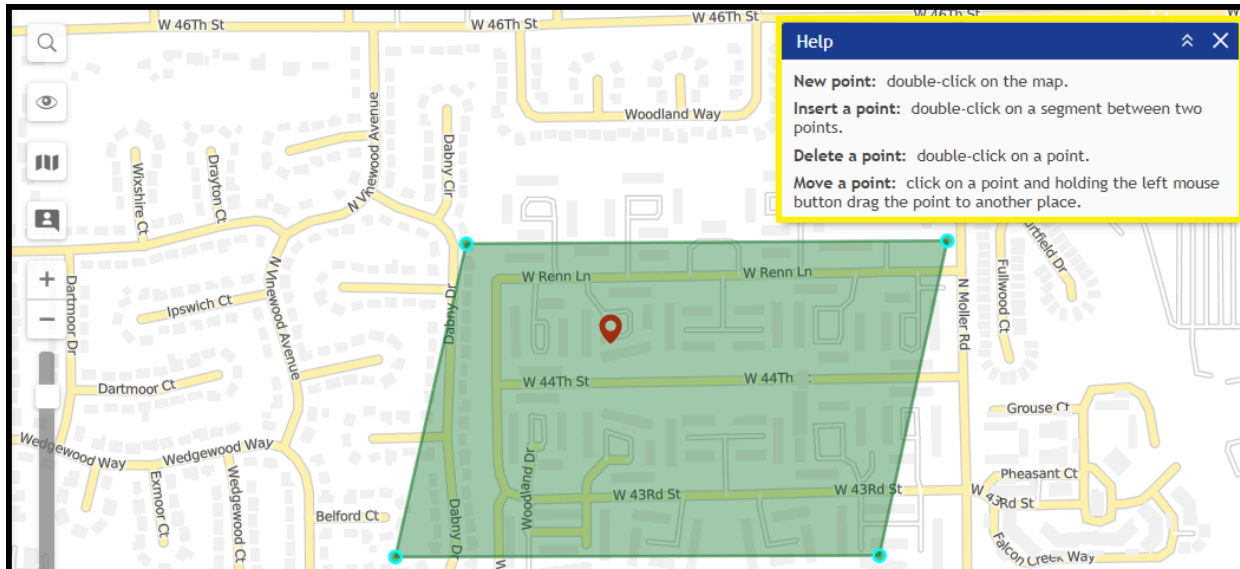
**Circle:**
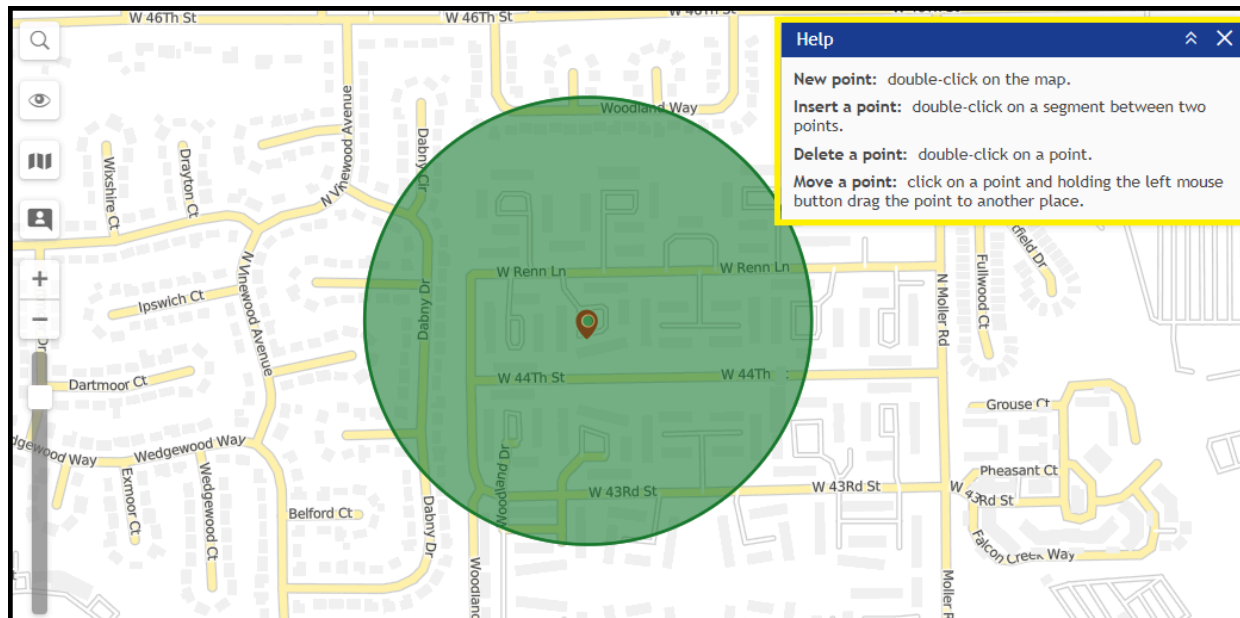
Line:

Polygon:

When finished, press Save. If you make a mistake, press Clear and try again. To exit create mode without saving your changes, press Cancel.

It is **IMPORTANT** that you create a notification for the newly created geofence to receive alerts.
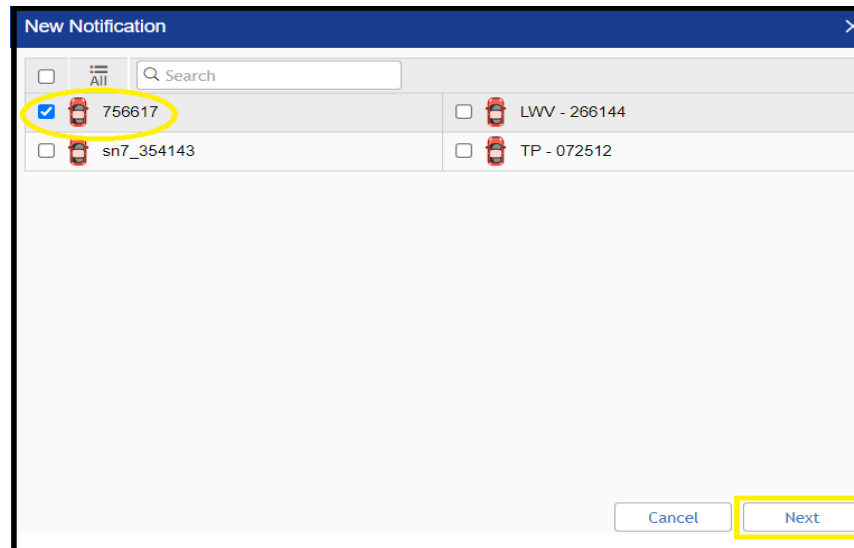
Creating a new Geofence Notification

In the BrickHouse Locate GPS platform, you can receive notifications of any unit activity or change in the device's state. It can be for speeding, a change of location, sensor values, or something else. A notification can be delivered by email or SMS, shown online in a pop-up window, etc. This tutorial is for creating a new Geofence Notification.

1. Go to the Notifications tab and select New.
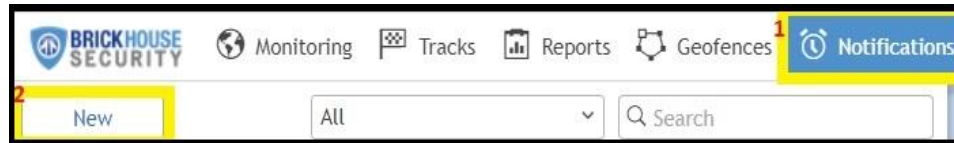
2. Select a device by ticking the box next to it, then click **Next**.

3. Choose **Geofence** and click **Next**.

4. Select when the notification should be triggered:

- When the unit enters the geofence (Inside geofence);
- When the unit leaves the geofence (Outside geofence).

Select the device(s)whose geofences should be displayed in the list (select All available to view the geofences of all available resources).

In the left list, select the geofences or groups of geofences (displayed in square brackets) for which the notification should be triggered. You can use the dynamic filter above the list to search.

Use the icon » to move items from the left list to the right one.
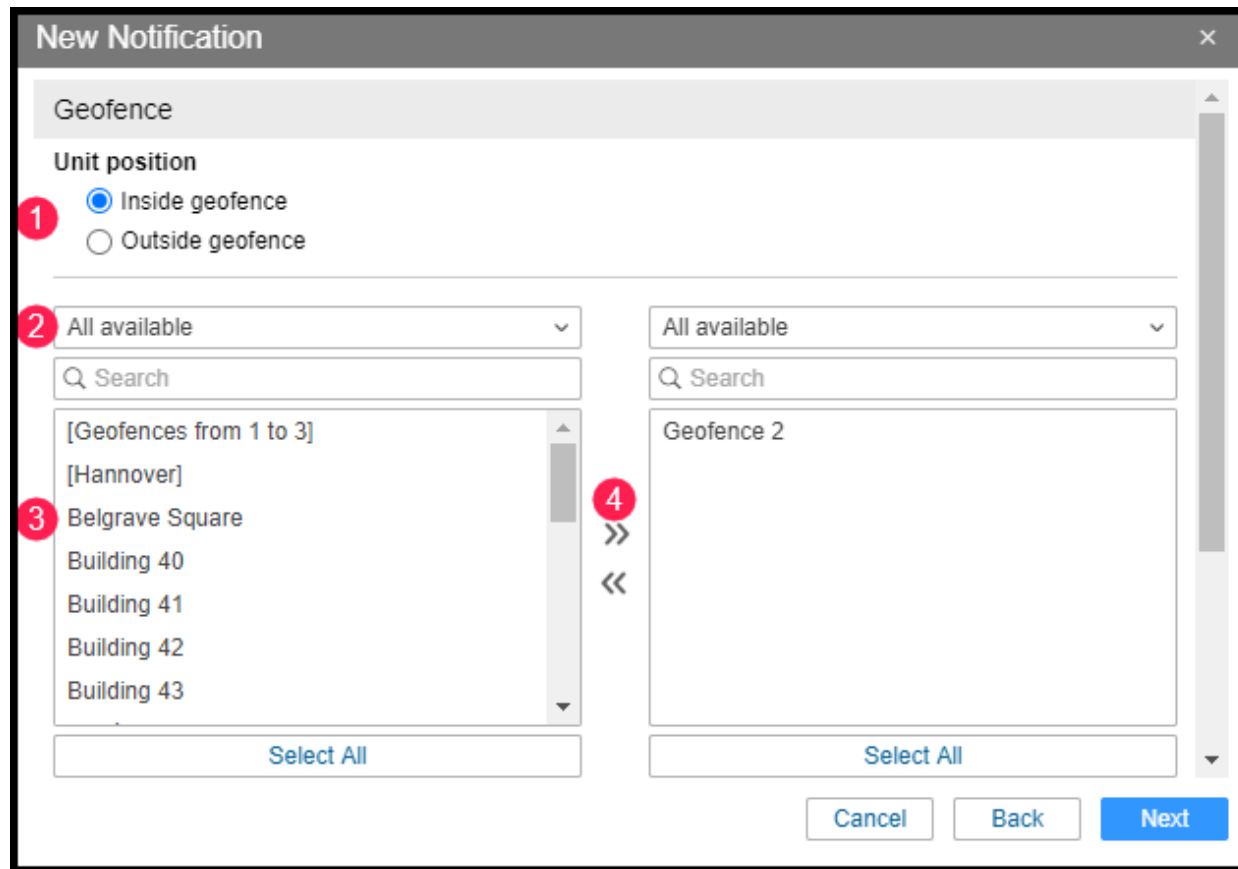
5. Select Notification Actions

Notify by email - When this option is selected, you can add email addresses to which the notification should be sent. To do this, check the box to the right of the field and specify an address. After specifying the address, a new field is added automatically. To cancel sending the notification to any added address, uncheck the box to the left of it.

Notify by SMS - This is used to set up SMS notifications. Type in one or more telephone numbers in the international format; for example, +375293293294. When all fields for entering phone numbers are filled in, additional slots appear automatically.

6. Customize the format of the message that you would like to receive and click on **Next**.

New Notification

Enter notification text using tags listed below. They will be substituted with real values when notification triggers.

%UNIT% violated speed limitations. At %POS_TIME% it moved with speed %SPEED% near "%LOCATION%".

Tag	Description
%UNIT%	Unit name
%CURR_TIME%	Current date and time
%LOCATION%	Unit location at the moment of notification
%LAST_LOCATION%	Unit last location at the moment of notification
%LOCATOR_LINK(60,T)%	Create locator link for the triggered unit (in brackets indicate lifespan in minutes, T and G parameters to show tracks and geofences)
%ZONE_MIN%	The smallest of geofences holding unit at the moment of notification

Cancel   Back   Next

7. Last, set triggering parameters and click OK. The newly created notification appears in the list in the left part of the window.

Unit Customization

Changing your device's name is an easy customization. From the Units tab, select the Unit Properties or wrench icon. Click in the Name field, delete what is in the field, and type in a new name. To update the odometer information associated with a device, edit the mileage counter value to match what the vehicle's odometer reading currently is and click OK.

Managing Groups

In the Units tab, which may need to be added by following instructions for customizing your interface, you can access the Groups section.
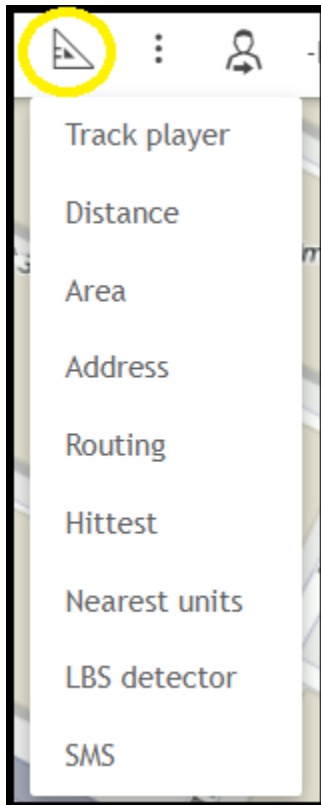
Click New in the upper left to begin.
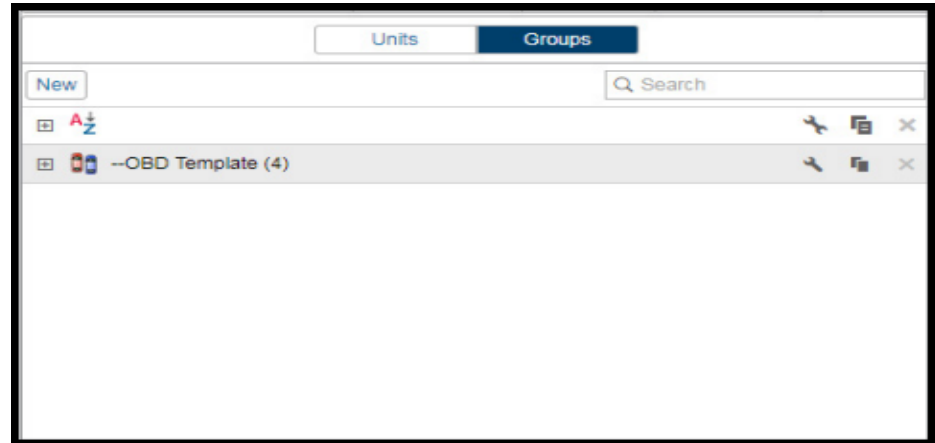
Use the interface to create your group. Highlight a unit in the left pane and use the double right arrow to add it to the group you are creating. Use the double left arrow to remove a unit from the group. Give it a name and click OK.
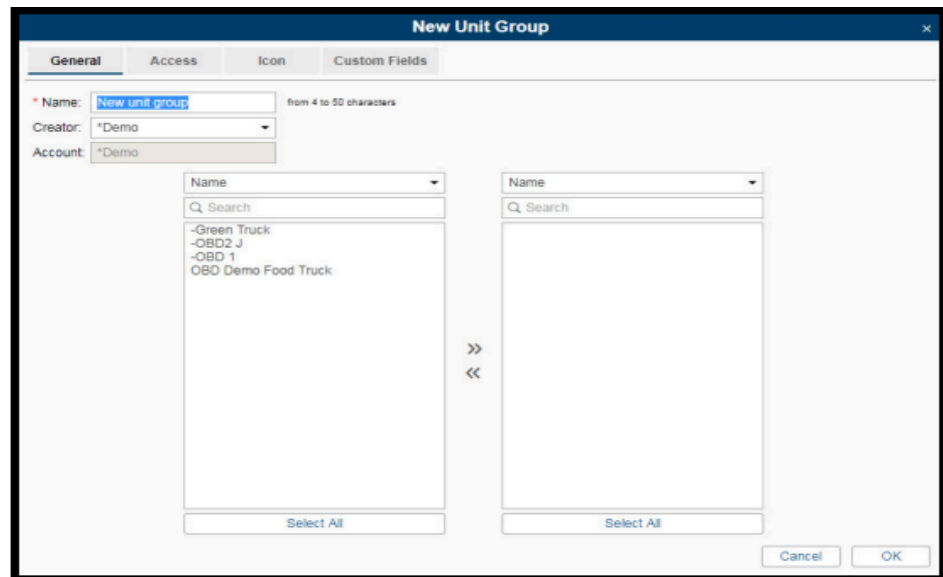
Tools

Tools are used for various kinds of calculations. Click the **Tools** button in the top right corner.

Track Player is a way to control the playback of historical data on the map.

Distance is a tool used to measure distance on the map.

Area is used to measure the area within a perimeter in square miles/feet. Double-click to begin marking points on the map and create the shape of the area you are measuring.

Address lets you search outside the app for an address. You can get the latitude and longitude of the location as well as the Street View from Google. You can also save a circular geofence around the area. The radius is displayed in feet.

Routing enables you to create a route from one point to another and add points in between. You can then save the created route as a geofence. This is similar to laying out a line geofence, but the site is doing the work for you in marking the way.

Hittest will load information from various tracking points, but first, you must be in either the monitoring or tracks tab to use it. Select tracking from the drop-down and choose either a single-point or multipoint option. Then, click on a tracking point and the tool will collect the information from the tracker for those points, be it vehicle data or other sensor data.

Nearest Units will help you find units close to a location on the map.

LBS Detector utilizes cellular data from specific unit types for location-based services, available via a drop-down menu option to display the unit's location.

SMS is a tool to send quick messages to drivers from the platform. It is not meant as a replacement for your cellular phone.