EON

User's Guide

What's Inside

- EON
- QuickStart Guide

1. Hidden magnetic check-in switch
2. Mounting bushing

Optional Acessory - Mounting Kit

Mounting kit (2 magnets, 2 spacers, 2 bolts, 2 nuts, 2 washers) sold seperately

A - 2x .....Nuts

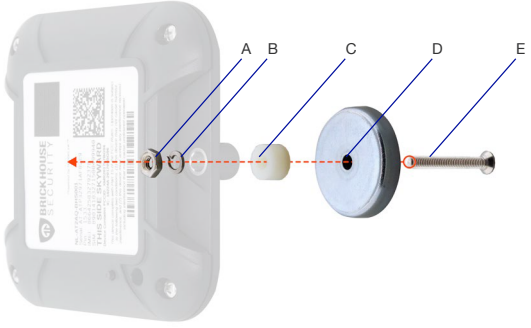
B - 2x ..... Washers

C - 2x ..... Spacers

D - 2x ..... Magnets

E - 2x ..... Bolts

Optional Mounting Kit Assembly Diagram



Getting Started

If you purchased your device pre-activated, you should have already received an email containing your default login information before the device arrived.

If you did not purchase a pre-activated tracker, please visit activate.brickhousesecurity.com to complete your device activation

There are replaceable AA Lithium batteries inside so no charging is ever required. The device does not have a power button and is always on as long as it has charged batteries inside.

Tracking Schemes

The Eon is an asset tracker. It has a GPS receiver as well as WIFi capability. GPS is the most accurate method of positioning, but positioning indoors requires available Wifi. This device is perfect for when you are tracking something that will be indoors away from GPS signals.

Tracking Frequency Options/ Battery Life Estimates

Tracking Frequency	Battery Life
2 Locates a day	5 Years
2 Locates a day + 1 hour of motion tracking*	250 Days

*Motion tracking is a 15 minute tracking interval.

Changing the Batteries

The unit has 4 “AA” size lithium batteries inside.

Remove Screws

Place the Asset Tracker front side up on a flat surface, so the screw holes are visible. Using a Phillips suitable size screwdriver, remove the four screws and set aside. **Do not use a power tool for this.**

Remove and Dispose of the Old Batteries

Carefully remove the old batteries one at a time and set aside.

Install the New Lithium Batteries

Carefully install the new lithium batteries, noting the orientation and polarity marked within each battery slot. Once the batteries have been installed, you should be able to observe the LED to know that the device has powered on.

Confirm Functionality

Once all four batteries have been properly installed, the Asset Tracker will check-in to the cloud. Check the BrickHouse tracking platform or site for a recent check-in to ensure that the batteries were installed correctly.

Note: the platform will not show the update immediately; it can take 2-3 minutes before the new check-in shows up on the platform.

Lastly, after replacing the batteries AND before replacing the cover, you should see the LED light located above the batteries That light will perform the following:

1. The LED blinks slowly as the cellular module boots up.

2. After booting is complete, the LED blinks at a faster rate as the Asset Tracker searches for a cellular network.

3. After a successful connection to the cloud, the LED will be solid on for roughly two seconds.

4. The LED will then turn off permanently until the batteries are replaced. If an error occurs, the LED will blink rapidly for around two seconds.

If your device isn't reporting after its been deployed: put it in clear view of the sky and run a household magnet over the 'magnetic check-in switch' *(see What's Inside section, above)*. This will manually trigger it.

Reinstall Cover

Once the batteries are correctly in place, reinstall the bottom cover. Make sure to align the two center mounting holes on the bottom cover with the mounting covers of the top-half.

Flip the device over so it is right-side up and install the screws in an “X” pattern. This ensures a proper seal and even pressure on each corner. Additionally, please note that the screws should be torqued without being too tight.

For reference: the torque specification is in-lbs (0.56 N-m).

Placing Your Device

The Eon has more than one way to get your position information. For the most accurate readings, give consideration to your placement to ensure your device is optimally positioned for a clear GPS signal.

When outdoors, the device will always give the most accurate location data if it has a clear view of the sky. It’s capable of transmitting and receiving

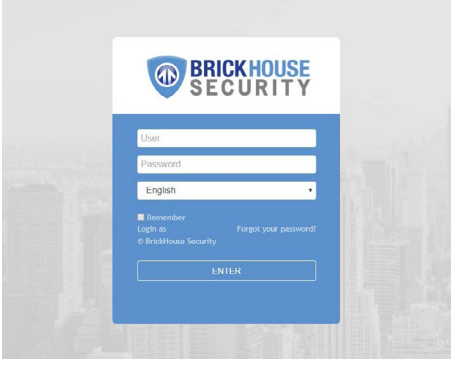
through materials like glass, plastic, and cloth, but it's not able to transmit through metals or concrete; keep this in mind when placing the device.

The device is weather-resistant which gives you more placement options. When placing the unit beneath an asset, you may need the mounting kit. Be sure that the BHS sticker is facing down, towards the ground, and that it is as close to the edge of the asset as possible.

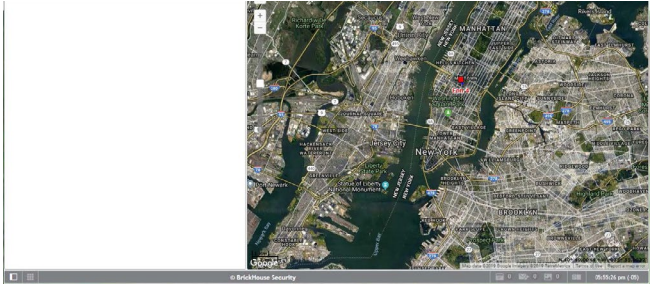
If you're tracking an asset such as a large container, you will need to mount the device sticker side facing towards the sky (pointing upwards to receive a GPS signal).

Tracking Your Device

To track the Eon, open an internet browser on your computer, go to locate.brickhousesecurity.com, and enter your login credentials.



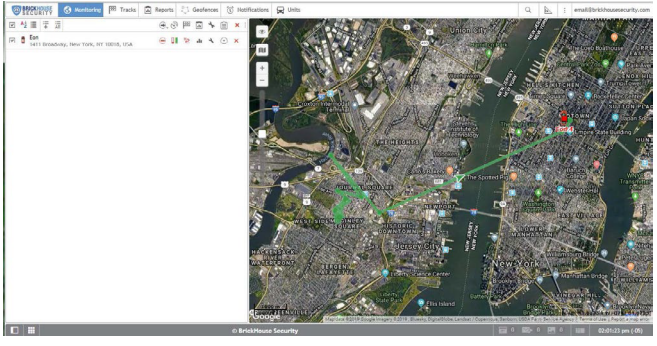
This should bring you to the monitoring panel.



The monitoring panel is where you can see your device information and access a lot of the tools you'll want to use.

a. Is the tracker name and location underneath
b. Is the status indicator this shows stopped or moving
c. Is the signal strength for both GPS and Cellular
d. Is the show track button to show today's tracking
e. Execute report button will run a quick predetermined report
f. Setting button which allows you to rename the device
g. Additional menu button to see more options
h. Remove the tracker from the list. **Note:** *it is not deleted and is still tracking*

Here is what tracking looks like on the monitoring panel:



Map Icons

The eye icon allows you to hide different layers from the various panels. The icons correspond to the panels as listed across the top. Then the icons after are for hiding the map icons and labels.

Here is a list of all icons:

(a) Hides what was loaded on the monitoring panel visible on the map

(b) Hides anything loaded on the tracking panel visible on the map

(c) Hides map data loaded to accompany your reports

(d) Will hide displayed geofences

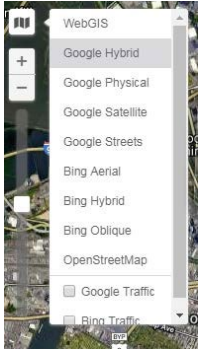
(e) Hides the traced tracking (lines connecting tracking points)

(f) Hides the unit names

(g) Hides driver names

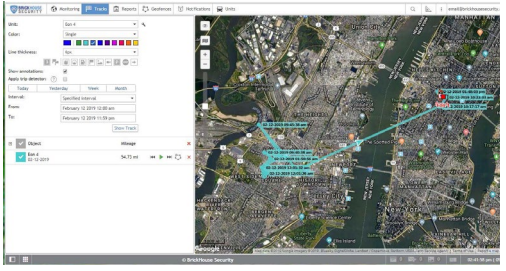
(h) Hides the direction arrows

Here are the map layers to choose from:



You can choose a preferred map from the list, but the Google Maps Hybrid is the default choice.

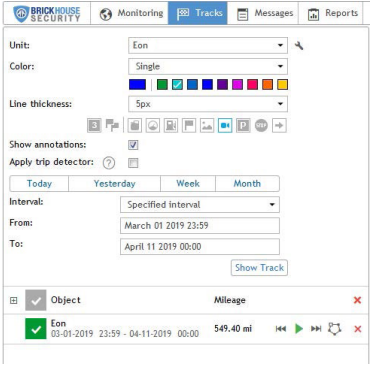
The Tracks Panel

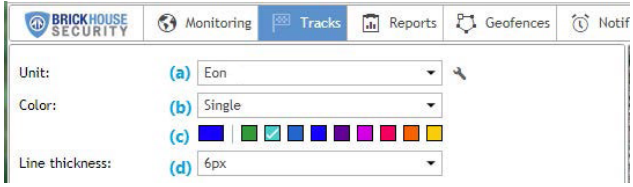


The tracks panel is where you can view previous tracking information. You can select your device from the unit drop down and then apply the option for color. Usually a single color is recommended for the Eon. The area below allows you to make selections for highlighting various states

and events within the tracking view. Hovering over the icon will display the event type. Some of those states, such as “fuel filling,” apply to other tracker types. Also note, the trip detector should not be applied as the asset tracker may have a low count of locations that do not constitute a trip.

Here is the tracks control panel with the option to choose what tracking data to display and how:





(a) Is the unit drop down.

(b) How the track is displayed with the colors

(c) Select the color to display the tracking, otherwise it will auto select a color

(d) Select how thick the trace line will be

Next, we also have the options for different events:

(a) Position number display

(b) Group multiple devices

(c) Fuel theft (Does not apply to the Eon)

(d) Speeding

(e) Fuel filling (Does not apply to the Eon)

(f) Configured event

(g) Picture (Does not apply to the Eon)

(h) Video (Does not apply to the Eon)

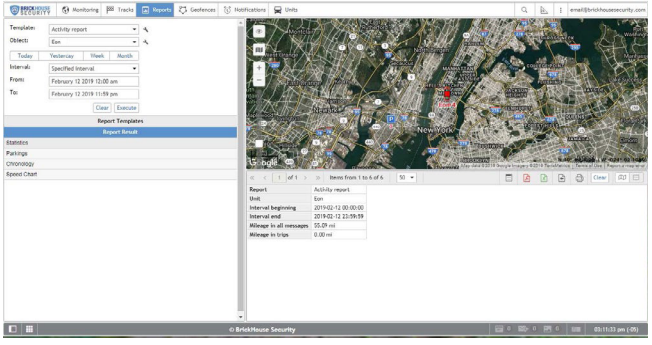
(i) Parking

(j) Stops

(k) Initial and final position

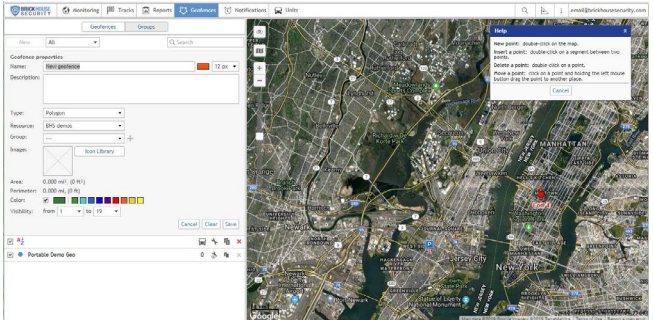
Reports

The reports panel has a drop down of various reports. Many are already pre-made for your asset tracker. Select the time interval and execute. The results will appear with the map; some reports may have multiple sections to view on the left side.



Geofences

The Geofences panel is where you can create and assign Geofences to trigger for notifications or other actions. You can create polygons, circles, or line geofences to suit your needs.

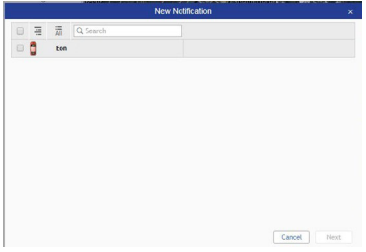


There are some instructions on-screen to direct you in creating your geofences for ease of use.

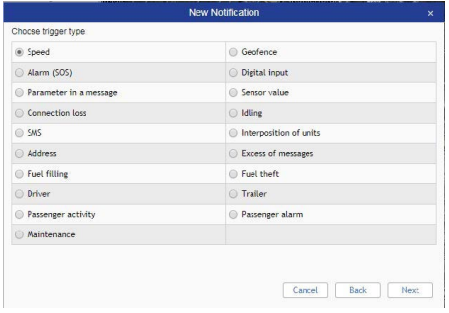
Notifications

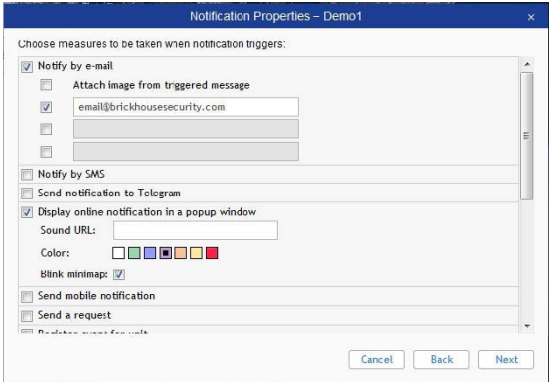
The notifications panel is where you set up alerts and notifications. You can set up Geofence and other notifications here. Most alerts will be already set up for you to use.

Select the device you want to be notified about:



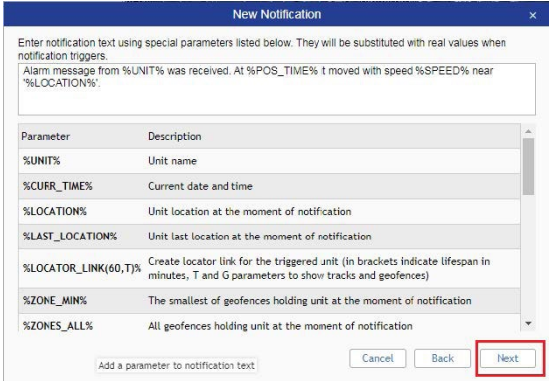
Select the type of notification:





Choose where you want to send your notifications. Making email your primary notification option is usually the best choice.

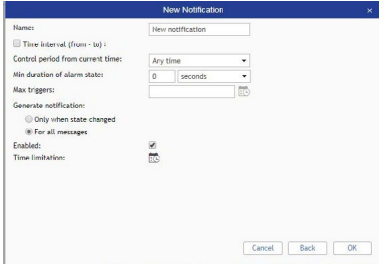
This is the text you will receive. We recommend not altering the default text for best results.
Click Next.



Last steps:

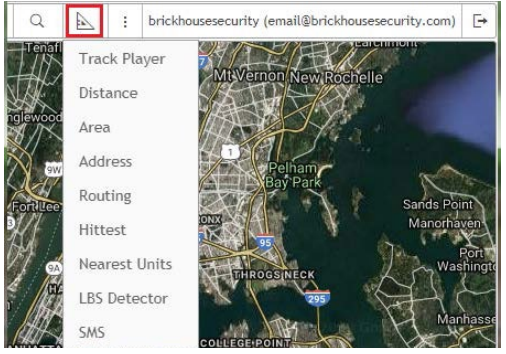
a. Name the notification
b. Select when the notification should be active
c. Select when to trigger the notification
d. Click OK

Our Tech Support can assist you with any questions you have.



Tools and settings

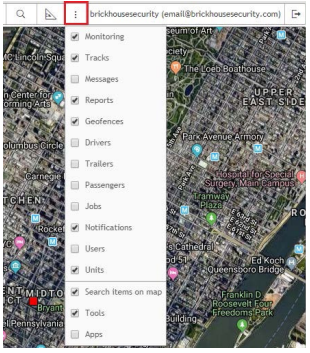
The site has tools to help provide information and functionality.



Here is the list of tools that drops down when you click the tools icon.

1. Track Player will playback tracking history
2. Distance will allow you to measure distances
3. Area will allow you to measure an area
4. Address will allow you to find an address and view the Google Street View or save for a geofence
5. Routing will help create a route between locations and optimize the route. Double click a point on the map to begin
6. Hittest will display additional information about points of tracking.
7. Nearest Units will find the closest units to an address
8. LBS Detector will use location-based services outside of GPS to determine a location for a unit
9. SMS is generally is intended for making contact with a fleet driver from the platform

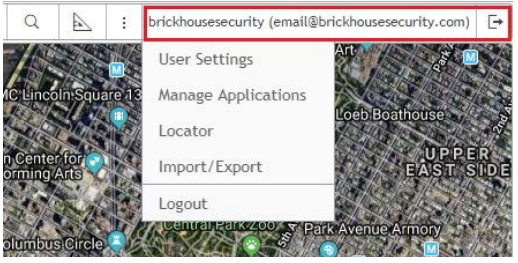
The Panel View Menu can be accessed by clicking the 3 vertical dots. Please note that the most applicable panels have already been selected for you.



The last menu is displayed when you click on your username.

The most common settings are:

- User Settings
- Locator



User Settings

The General Settings allows you to set these preferences:

Language is your language preference for the site.

Time zone is what time zone you are in. It may need to be set for your location. By default, it will be Eastern Time Zone U.S.

Daylight saving time, if it applies, should be set for the United States.

Date format will be Month-Day-Year by default, but you can change to suit your preferences.

Time format is Hour-minute-second, by default.

First day of the week determines what counts as the first day of the week for running reports.

Measurement system is U.S by default for miles and gallons.

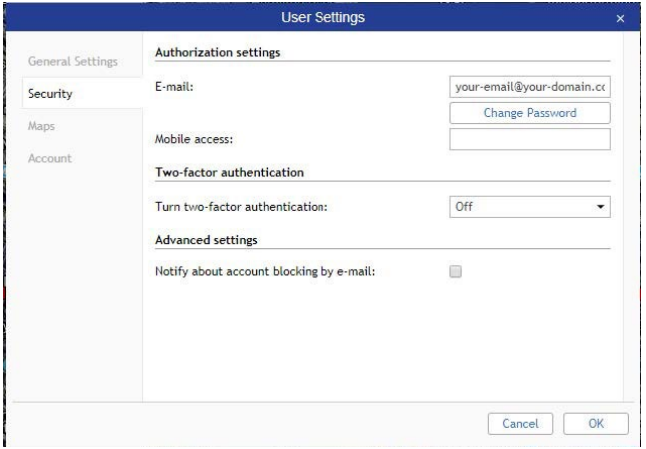
City is an optional field.

Distance from unit to geofence indicates the proximity for the notifications.

Play sound for event if you wish a sound to play for events triggered.

Automatically display popup will bring up the notification popup during an event.

In the Security option, you can set your email, reset your password, and enable two-step authentication.



Support

To access FAQs, as well as other support materials for your device and the BrickHouse Security Tracking platform, go to:
http://help.brickhousesecurity.com/

Live support is available Monday through Friday (email, call, chat, SMS): 9am - 7pm ET and Saturday / Sunday (SMS only): 9am and 7pm ET.

1-800-654-7966.

Notes

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