



TS2501 Wi-Fi Smart Thermostat

Geofencing

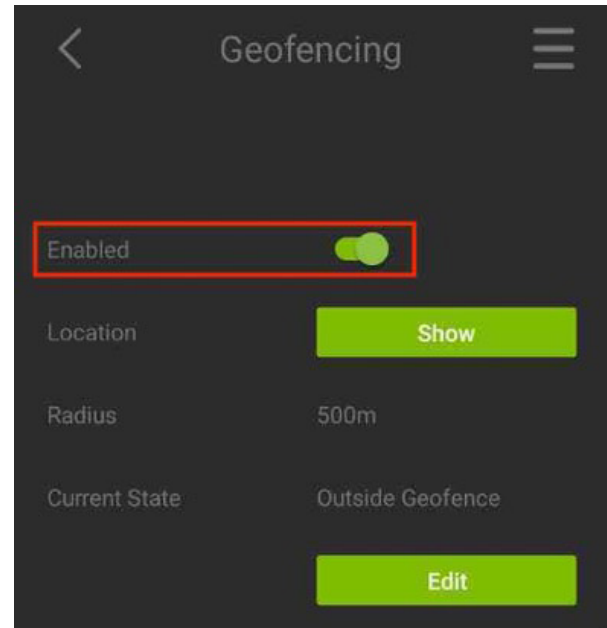
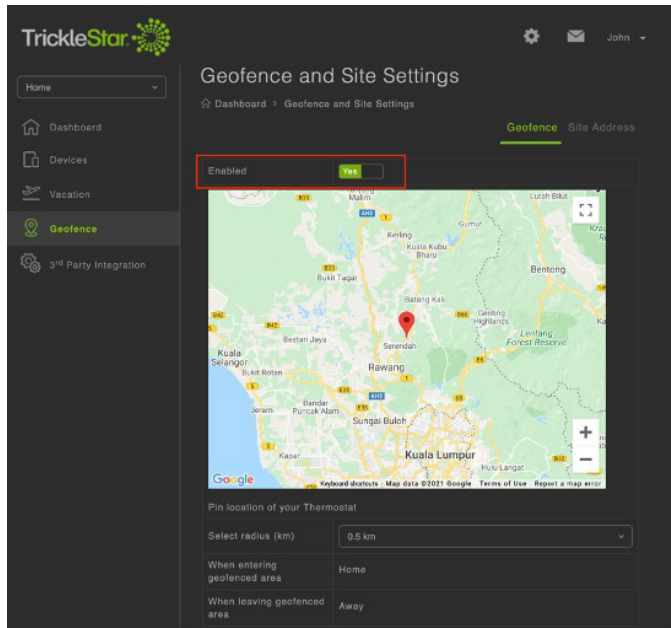


Optimizing Energy™

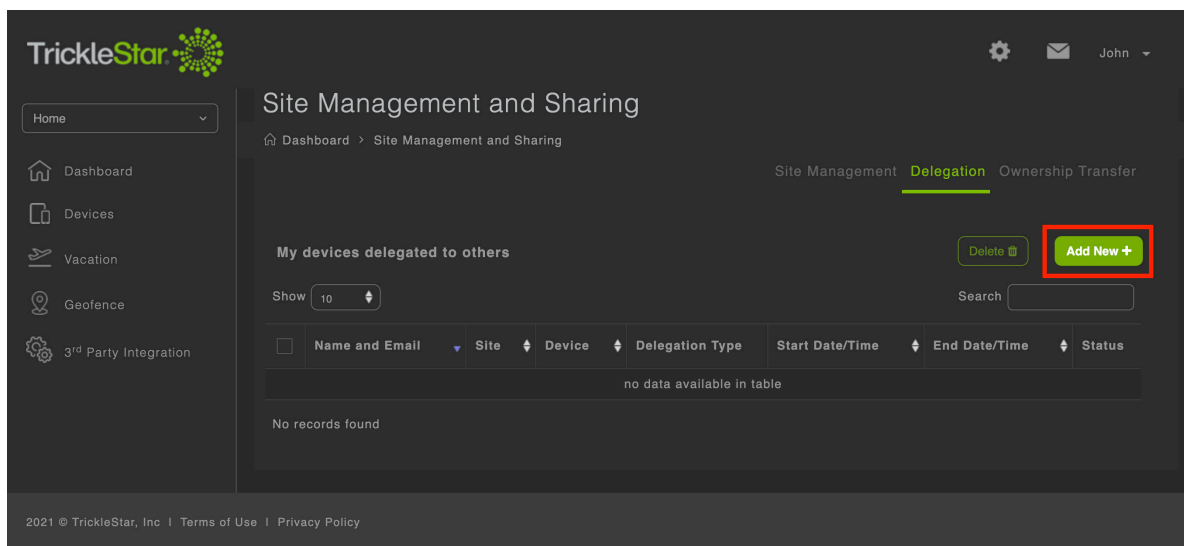
Geofencing Feature Highlights:

DOs

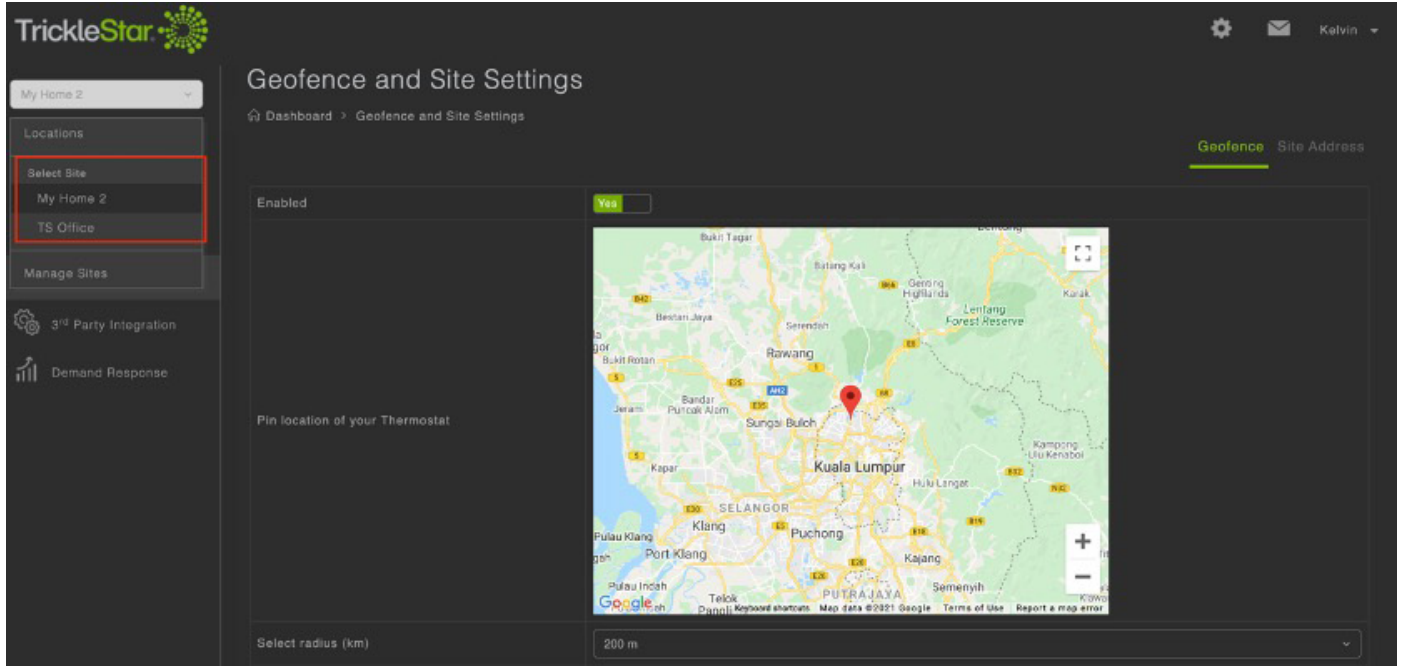
1. For Single User, the Homeowner must enable the Geofence feature from the TrickleStar Portal and the TrickleStar App.



2. For Multiple Users using Geofence, Homeowner must first delegate the Thermostat via TrickleStar Portal, then the delegated user must enable Geofence feature from his/her respective Portal account.



- For multiple Thermostats, you should create different Sites in TrickleStar Portal to assign different configurations and Site Addresses to the different Thermostats.



TrickleStar®

My Home 2

Locations

Select Site

My Home 2

TS Office

Manage Sites

3rd Party Integration

Demand Response

Geofence and Site Settings

Dashboard > Geofence and Site Settings

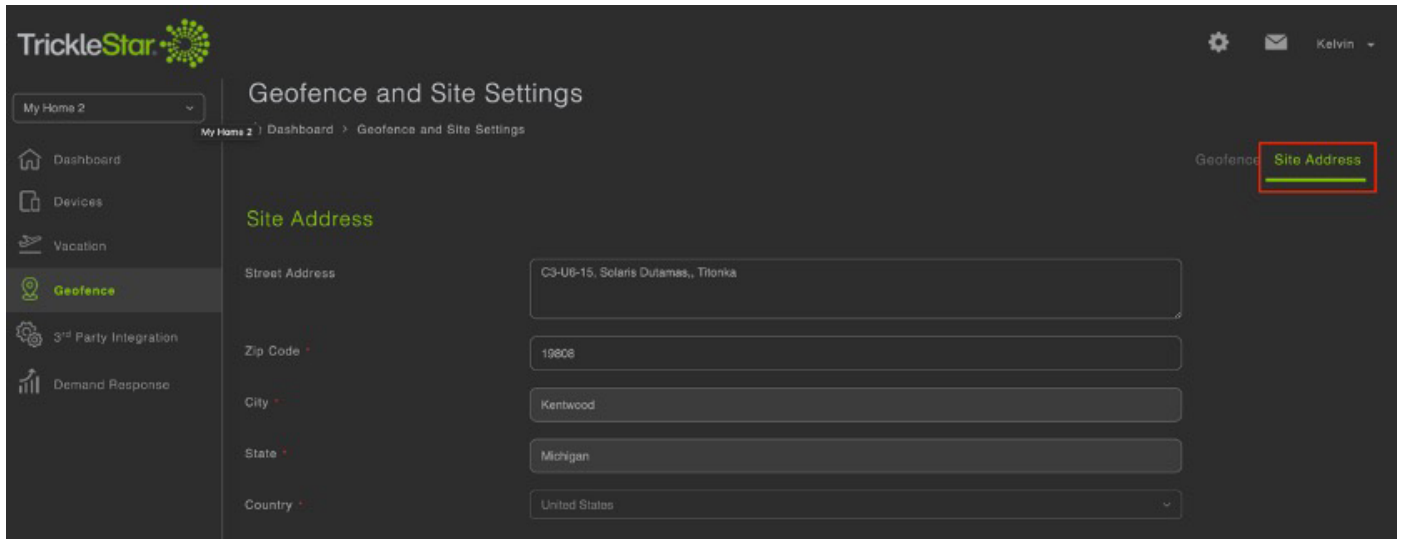
Geofence Site Address

Enabled ☒

Pin location of your Thermostat

Select radius (km)

200 m



TrickleStar®

My Home 2

Dashboard

Devices

Vacation

Geofence

3rd Party Integration

Demand Response

Geofence and Site Settings

My Home 2 | Dashboard > Geofence and Site Settings

Geofence Site Address

Site Address

Street Address

C3-U6-15, Solaris Dutamas, Tronka

Zip Code

19808

City

Kentwood

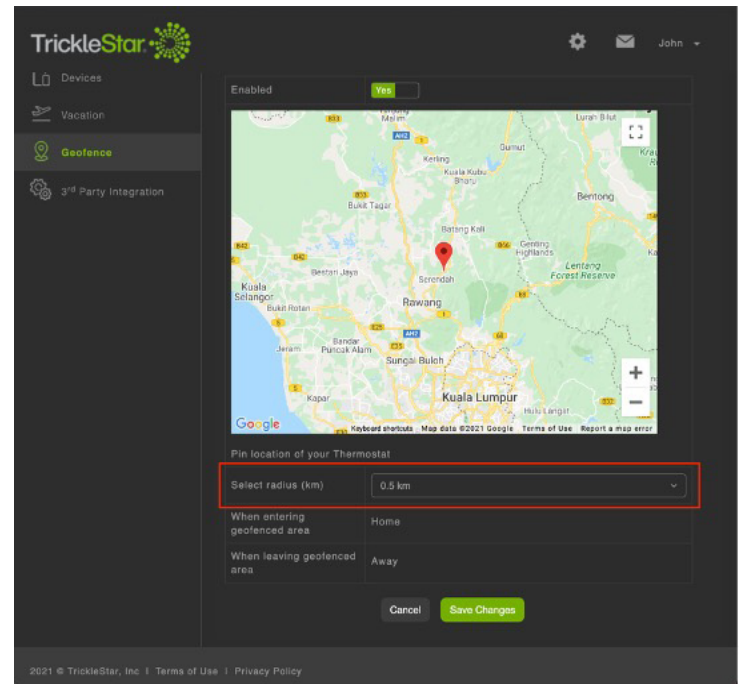
State

Michigan

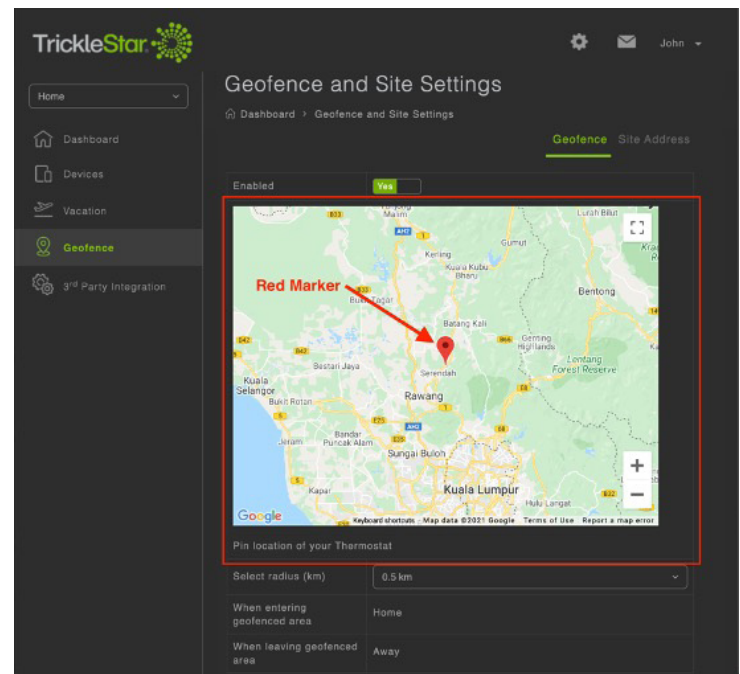
Country

United States

- Geofence radius default setting is 200 m, but you may configure up to a radius of 2 km via the TrickleStar Portal (options: 200 m, 300 m, 500 m, 1 km and finally 2 km).



- Please ensure the Thermostat location is shown accurately in the Geofence page. Drag and drop the “Red Marker” to the location where the Thermostat is installed.





6. For iPhone users, enable the location services and select “Always allow” for location access permissions for the TrickleStar App to ensure Geofence runs at all times.

<

TrickleStar

Location

ALLOW LOCATION ACCESS

Never

Ask Next Time

While Using the App

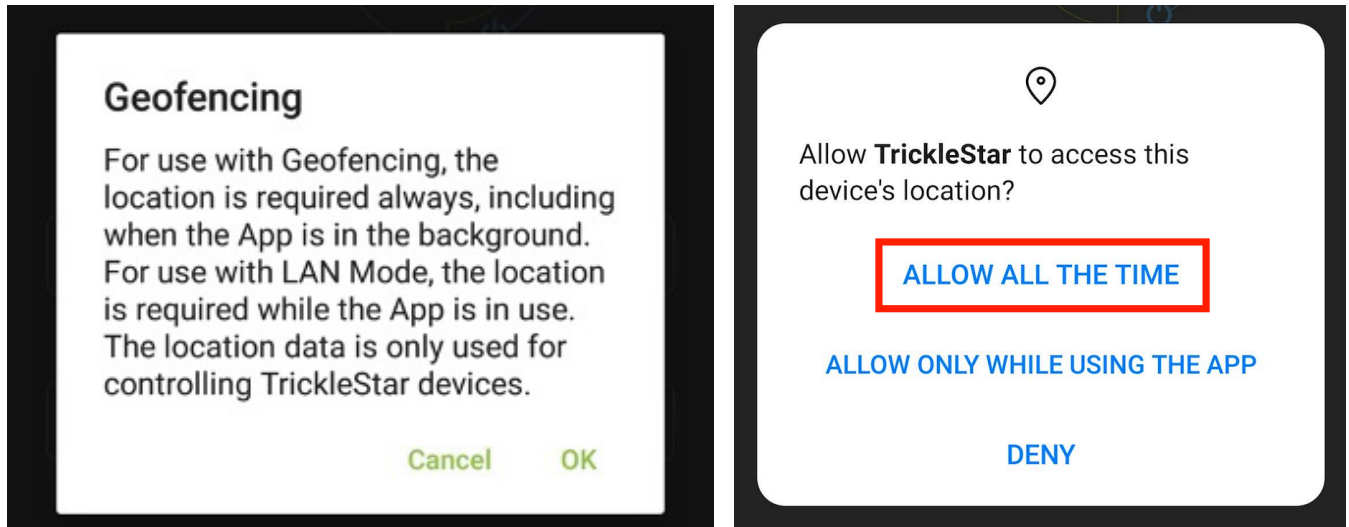
Always

App explanation: “The location is required always for LAN Mode and geofence control of TrickleStar devices.”

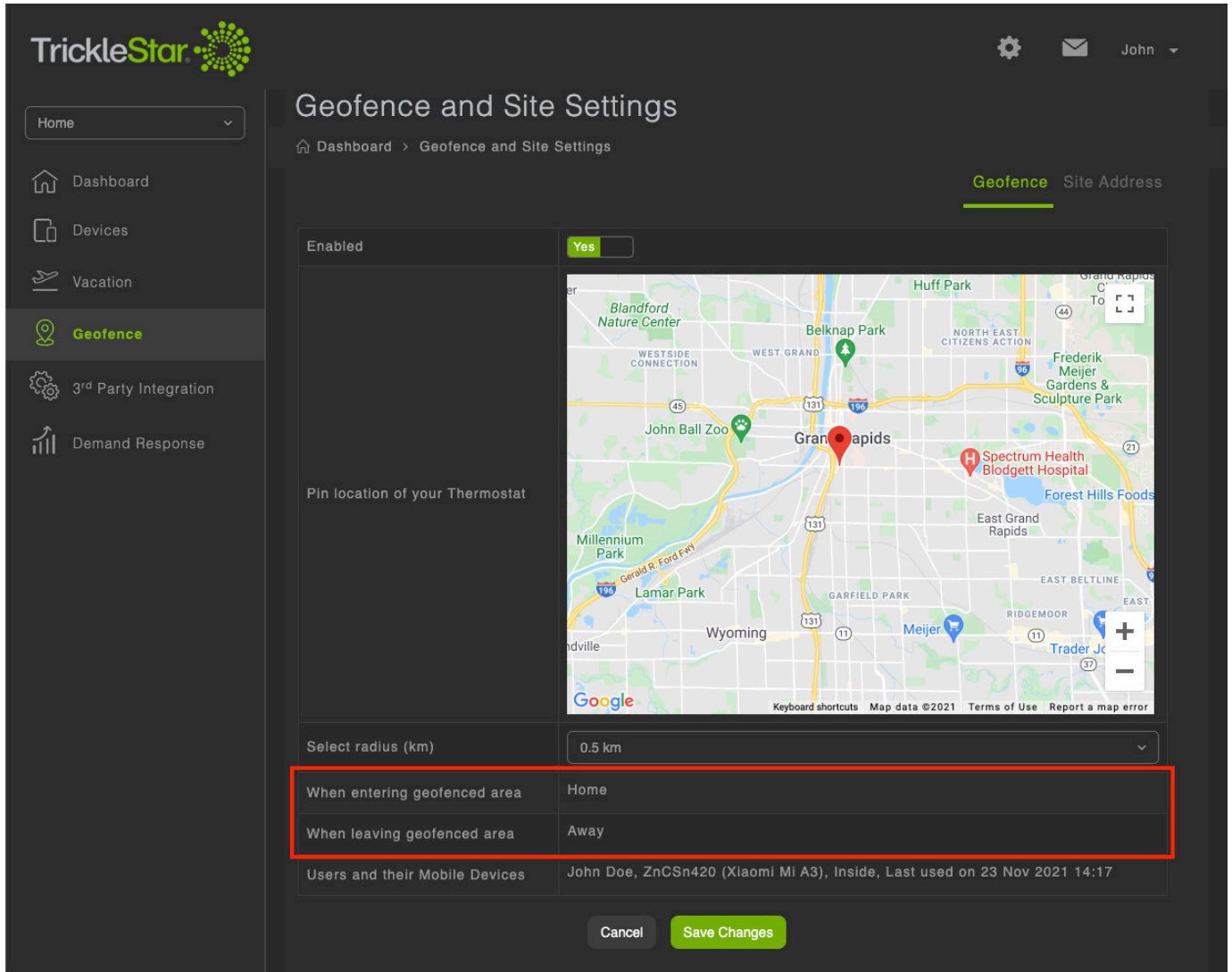
Precise Location


Allows apps to use your specific location. With this setting off, apps can only determine your approximate location.

7. For Android users, ensure the location services were allowed for the TrickleStar App. When you launch the TrickleStar App for the first time, the following two screens will be shown. Please select “Allow all the time” to ensure Geofence runs at all times.



8. When the smartphone enters the Geofence boundary, the Thermostat's occupancy mode will be set to the closest Home mode (either Home 1 or Home 2) configured in the Portal Schedule. Likewise, when the smartphone leaves the Geofence boundary, the occupancy mode will be set to Away.



TrickleStar 

Home

Dashboard

Devices

Vacation

Geofence

3rd Party Integration

Demand Response


Geofence and Site Settings

Dashboard > Geofence and Site Settings

Geofence Site Address

Enabled ☒

Pin location of your Thermostat



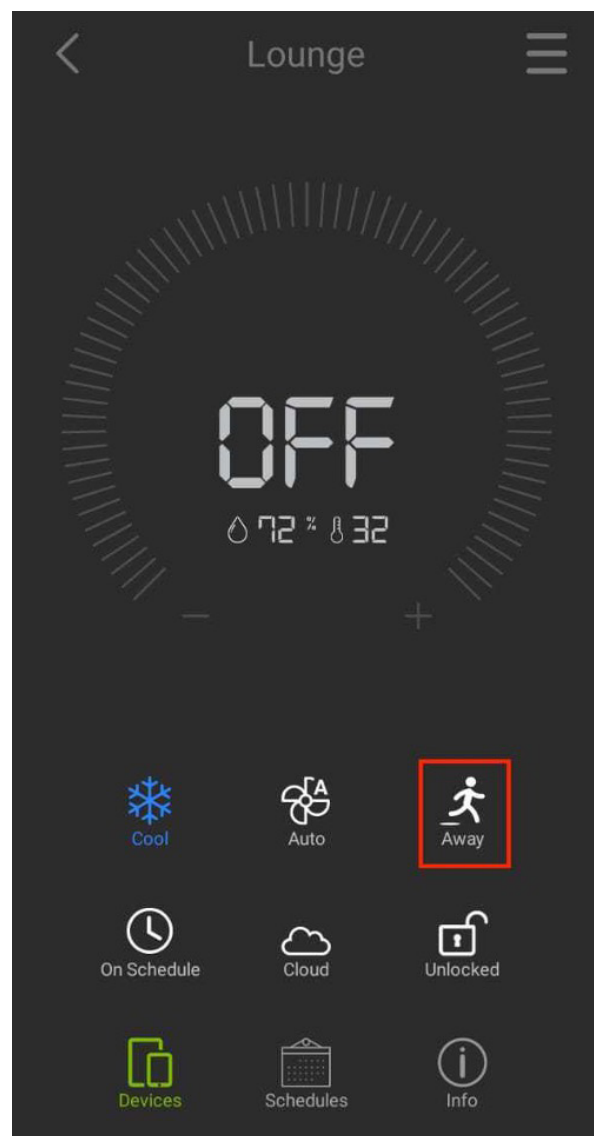
Select radius (km) 0.5 km

| | |
|------------------------------|------|
| When entering geofenced area | Home |
| When leaving geofenced area | Away |

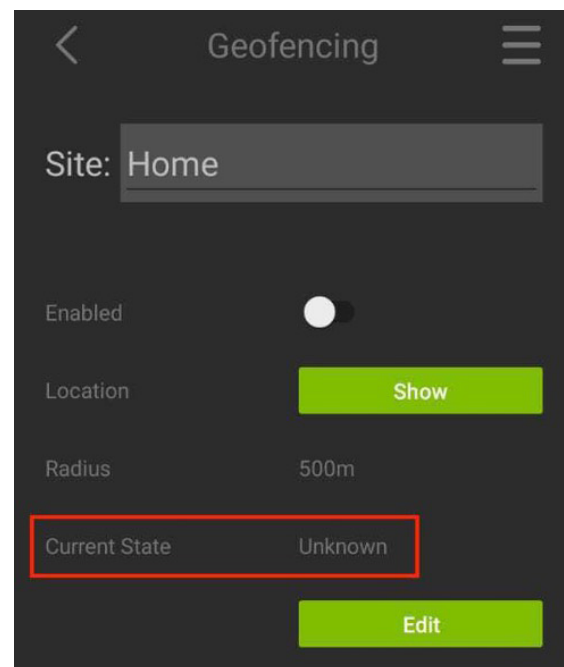
Users and their Mobile Devices John Doe, ZnCSn420 (Xiaomi MI A3), Inside, Last used on 23 Nov 2021 14:17

Cancel Save Changes

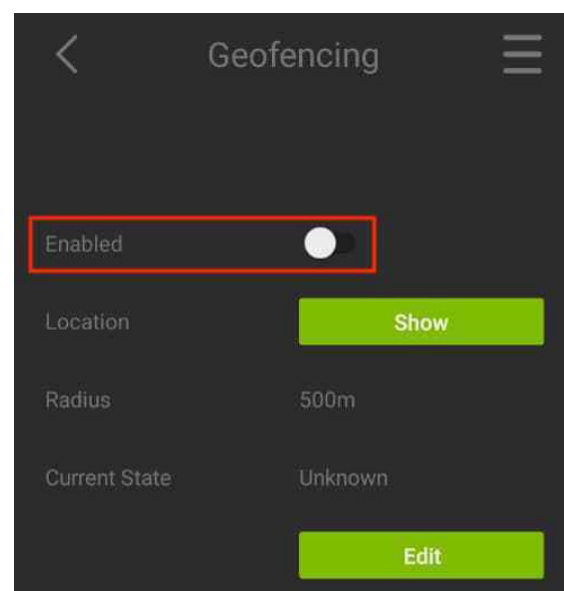
9. Wait 5 to 10 mins for the Thermostat Mode to change from “Home” to “Away” when you leave the Geofence boundary.



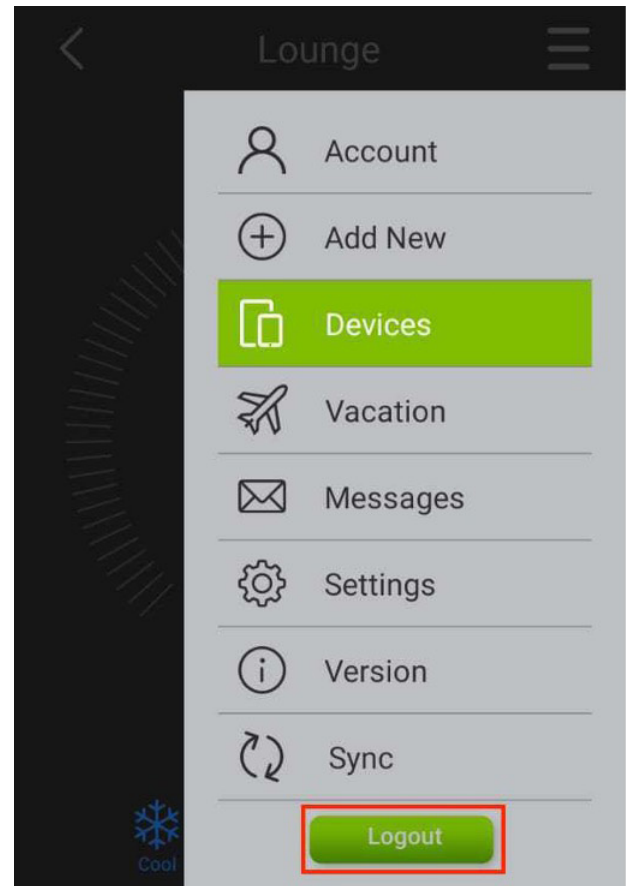
10. If the Current State is shown as “Unknown” after enabling Geofence, please click “Sync” to refresh the TrickleStar App to update the Current State.



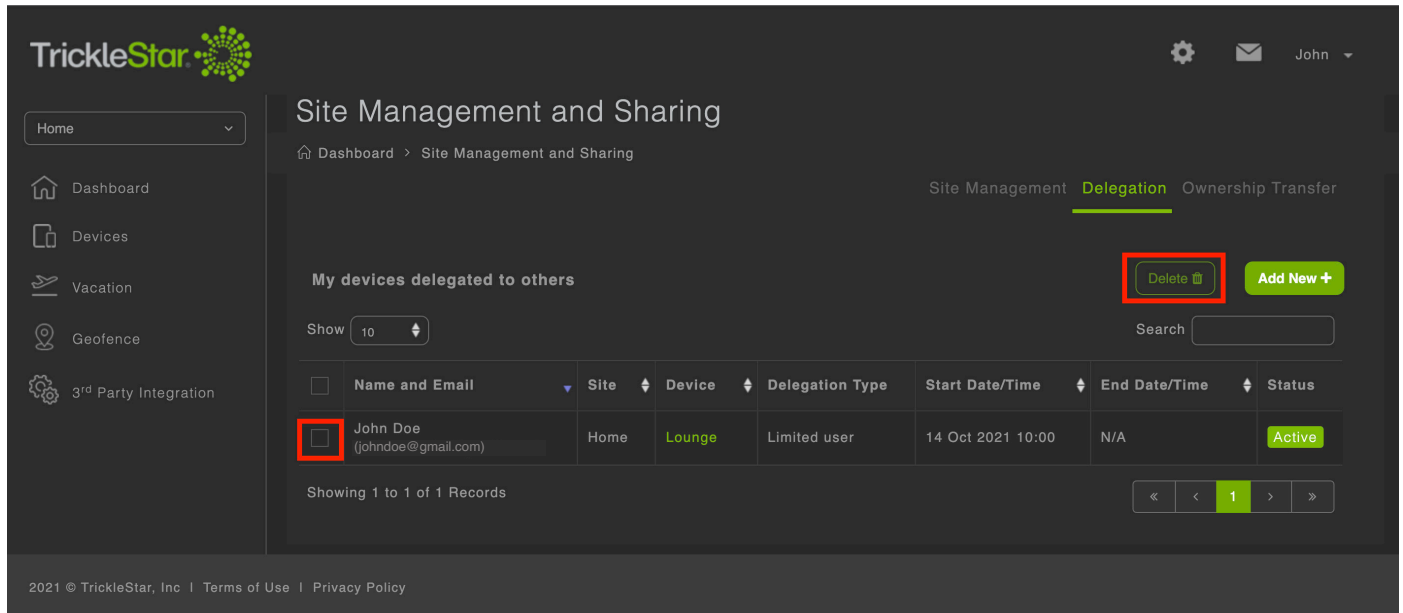
11. Disable Geofence from App settings if you stopped using the Geofence feature.



12. You should log out from TrickleStar App if you stopped using the App completely. When changing to a new smartphone for Geofencing, you should also log out from the TrickleStar App on the existing smartphone first before logging into the new smartphone.



13. The Homeowner must remove the delegated user if the delegated user is no longer allowed to access the device.



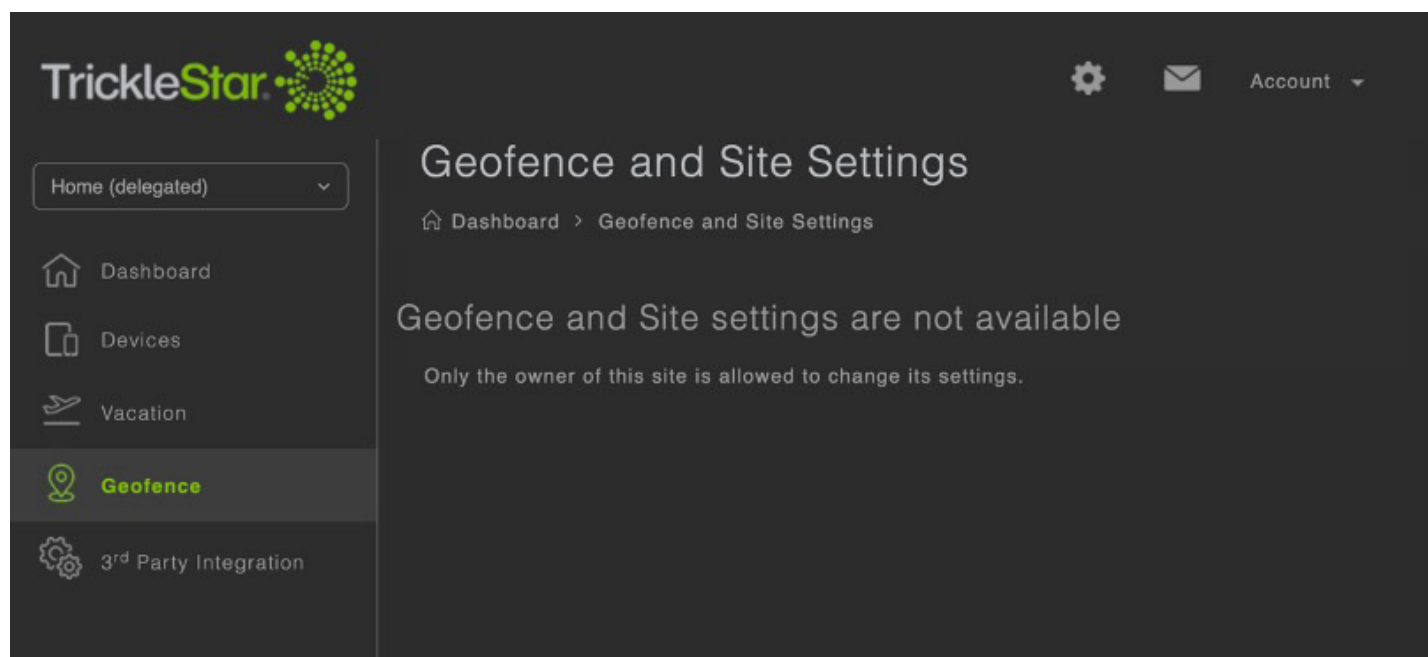
The screenshot shows the TrickleStar web interface. The left sidebar contains navigation links: Home, Dashboard, Devices, Vacation, Geofence, and 3rd Party Integration. The main content area is titled "Site Management and Sharing" and includes a breadcrumb trail: Dashboard > Site Management and Sharing. Below this, there are tabs for Site Management, Delegation (which is highlighted), and Ownership Transfer. Under the "Delegation" tab, there is a section titled "My devices delegated to others" with a "Delete" button (highlighted with a red box) and an "Add New +" button. A table lists the delegated users. The first row shows a user named "John Doe" (john.doe@gmail.com) who is delegated to the "Home" site using a "Lounge" device as a "Limited user". The user's status is "Active". The table has columns for Name and Email, Site, Device, Delegation Type, Start Date/Time, End Date/Time, and Status. At the bottom of the table, it says "Showing 1 to 1 of 1 Records".

| <input type="checkbox"/> | Name and Email | Site | Device | Delegation Type | Start Date/Time | End Date/Time | Status |
|--------------------------|----------------------------------|------|--------|-----------------|-------------------|---------------|--------|
| <input type="checkbox"/> | John Doe (john.doe@gmail.com) | Home | Lounge | Limited user | 14 Oct 2021 10:00 | N/A | Active |

14. The Geofence feature works using the GPS / Location settings on your smartphone. You may have to move outside any buildings to allow the GPS to detect your smartphone location for the Geofence feature to work as intended.

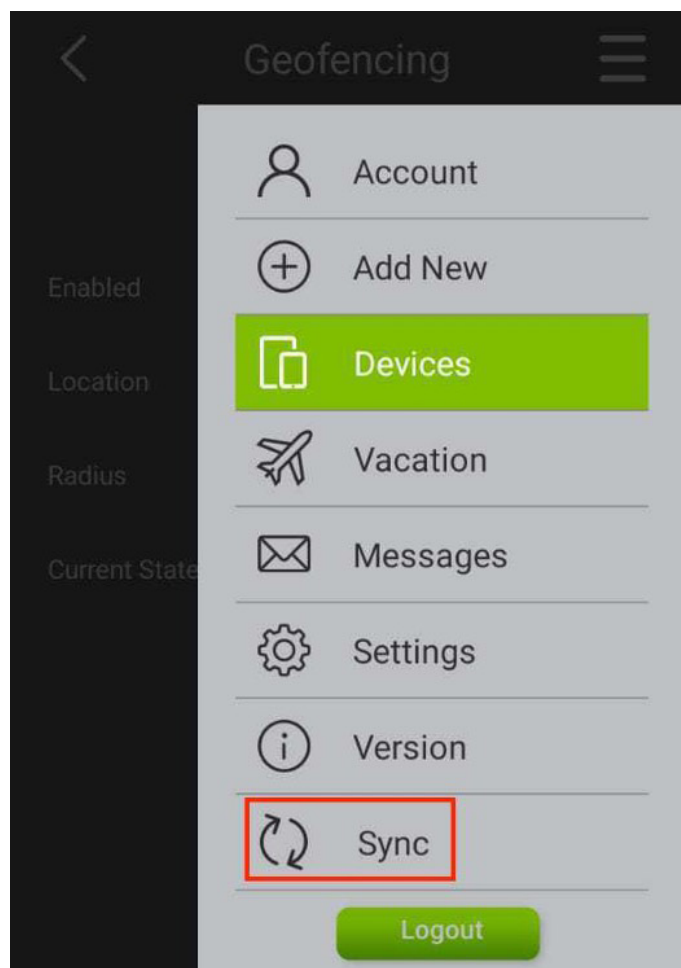
DON'Ts

1. Do not use two smartphones to log into the same TrickleStar account.
2. If there are Multiple Users using Geofence, the Homeowner should not log into the TrickleStar App using the delegated user's phone, and vice versa.
3. The delegated user is not allowed to edit the Geofence Settings, only the Homeowner is allowed to edit the Geofence Settings via the TrickleStar Portal.



4. Do not use smartphone without sim card installed or without internet connectivity, this prevents the phone from updating the correct location to the TrickleStar Portal.
5. Do not change the Site Address & Zip Code frequently to avoid the wrong coordinates being saved in the TrickleStar Portal.
6. Do not disable the Location/GPS services for the TrickleStar App while using the Geofence feature.

7. Do not toggle enable/disable the Geofence feature if the Current State is not up to date. Instead, please click “Sync” from the App Menu to refresh the TrickleStar App.



8. Do not uninstall Google Map or the Default Map App from the smartphone.
9. Do not terminate the TrickleStar App if you are using the Geofence feature. Please allow the App to run in the background of your smartphone's operating system. If you accidentally terminated the App, please relaunch it for the App to periodically update the Geofence state to the Portal.



For technical support, go to:
Website: www.tricklestar.com
Email: customer.service@tricklestar.com
Toll Free: 1-888-700-1098

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