BeeSecure

ASSET TRACKING | RURAL SECURITY | REMOTE MONITORING

LoRa Temperature Monitoring
Setup Guide

app.beesecure.ca

Contents

Overview

This guide shows you how to setup your BeeSecure account for the first time and how to connect your LoRa gateway and temperature sensors.

Part A: Account Activation

Step 1: Register an Account on the BeeSecure App

i)   Navigate to app.beesecure.ca/register

ii)   Fill in your account and credit card information. Don't worry, your credit card won't be charged until you pair devices to your account.

iii)   Click "Register Now"

Now you can sign into your account at **app.beesecure.ca**

Step 2: Add the BeeSecure App to your Phone's Home Screen (optional)

We recommend adding the website to your phone's home screen, so checking on your assets is only a click away.

i)   If you have an iPhone, open the Safari app (not Google), and navigate to app.beesecure.ca

Click the [ ] icon, then select "Add to Home Screen". You might have to scroll the icons to the left or right to find this button.

Name the app "BeeSecure". Now you can use the web app on your phone like a mobile app!

(images are on the next page)
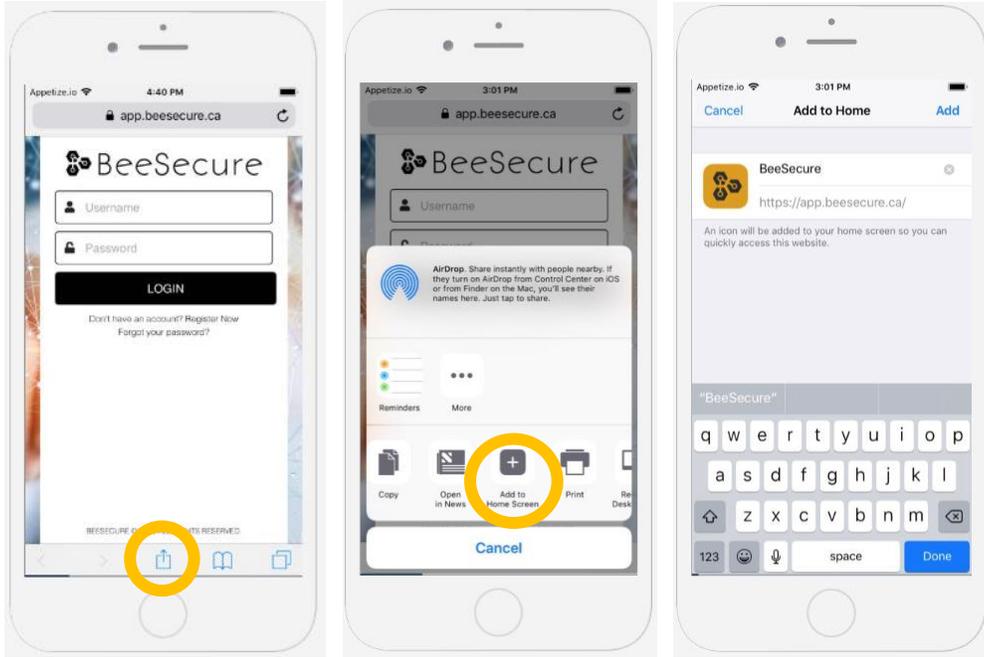
ii)   If you have an Android phone, open Google Chrome or Samsung Internet (not Google search) and navigate to app.beesecure.ca

Click the ⋮ icon on the top right, then select "Add to Home Screen".

Name the app "BeeSecure" and click add. Now you can use the BeeSecure web app like a mobile app!
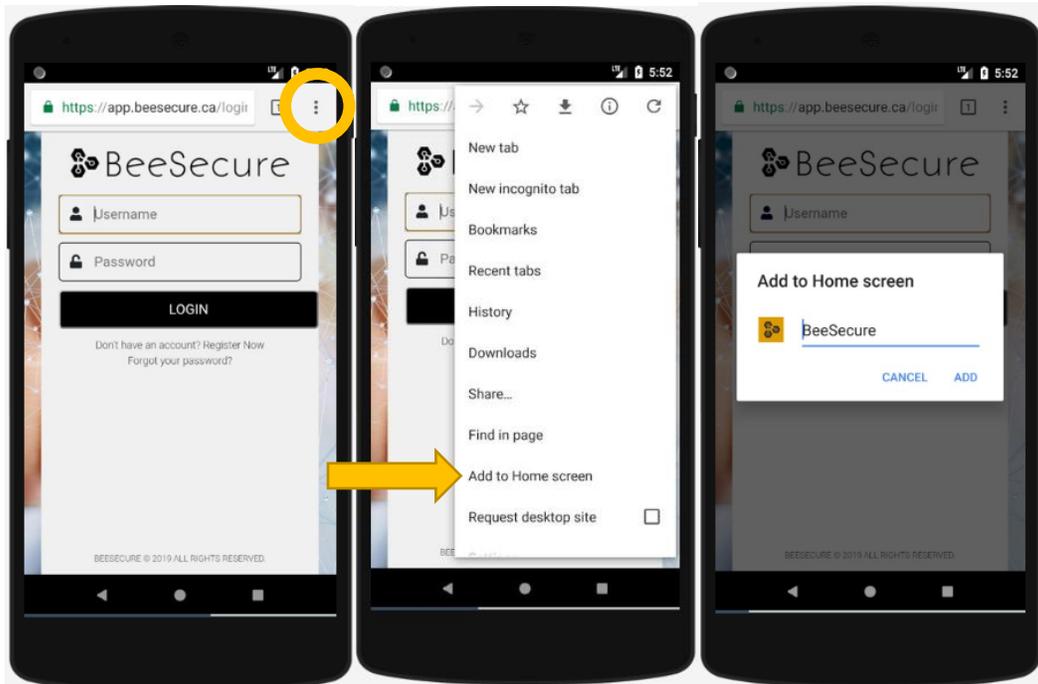
Part B: Device Activation

Step 1: Log in to the App

i) Open the BeeSecure app that you added to your phone's home screen, or go to app.beesecure.ca on your computer, and sign in

Step 2: Create an Asset to Monitor

Here we will create an asset that you are going to monitor. For example, this could be a house, cabin, bee shed, etc.

i) Click the user icon in the top-right corner of the screen and navigate to 'ASSETS' ➔ 'LISTING'

ii) Click the (+) icon at the top-right next to 'Asset' to create an asset

iii) Give your asset a Name; optionally, add a description and photo

iv) When you're done, click 'CREATE ASSET'
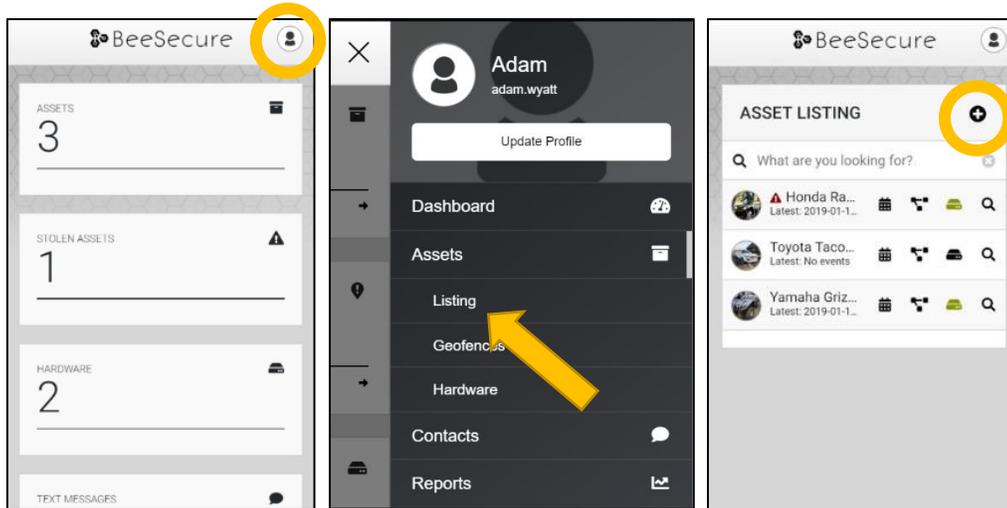
Step 3: Pair your BeeSecure Device with your Asset

i) Navigate back to 'ASSETS' ➔ 'LISTING' by opening the side bar using the top-right icon
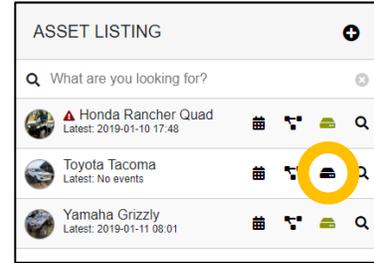
ii) Click the hardware icon (🖴) to the right of the asset's name:

iii) Enter the device ID of your LoRa device. The device ID of LoRa devices is the "DevEUI" found on the label of the device.
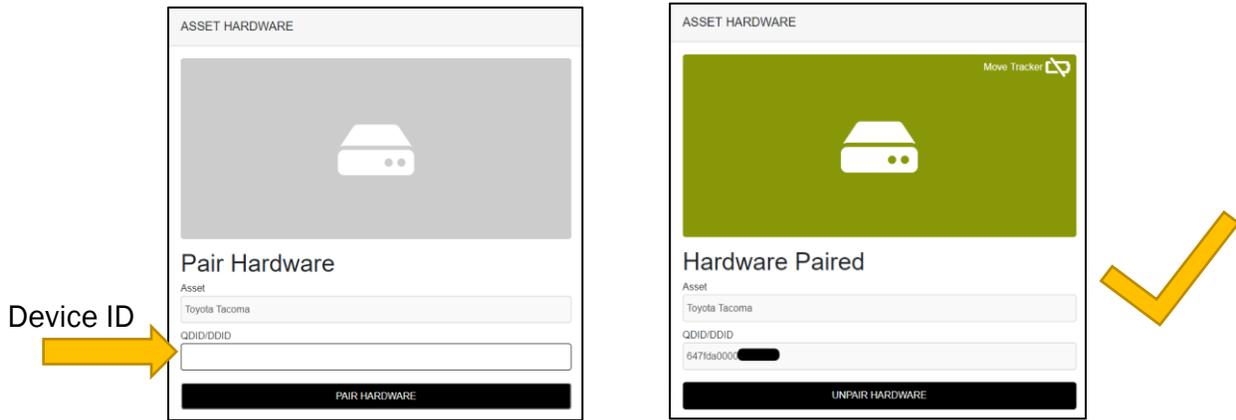
Device ID

iv) Once entered, click 'PAIR HARDWARE' to activate your device.

Under 'ASSETS' ➔ 'LISTING', the black-box icon from before should now be green.

Part C: Add Contacts for Alerts

Step 1: Add Contact Information to Receive Text Message and Email Alerts

i)   Click the user icon in the top-right corner of the screen top open the size menu, and select 'Contacts'
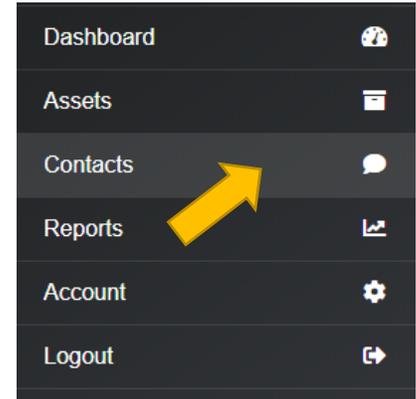
ii)   Click the (+) icon next to 'CONTACT LISTING' at the top of the screen

Enter the name and desired phone # and email address to receive alerts.

Click 'CREATE CONTACT' to add the contact to your plan.

iii)   You will receive an authorization message to your given phone number and email address

Click the link to confirm that you wish to receive alerts from your BeeSecure devices

Step 2: Enable Alerts for your Contacts

i)   Go to the 'Contacts' page again

You will see mail and phone icons beside your contacts name. There will be a check mark if they confirmed that they want to receive notifications.

If there is a checkmark, you can click the icon to enable notifications. Click the icon again to disable notifications.

ii)   Remember that you have a limited number of free text messages, so try to use those sparingly!

If you reach your limit, you will be sent an email to authorize additional sms messages. Additional messages cost $0.05 per message.
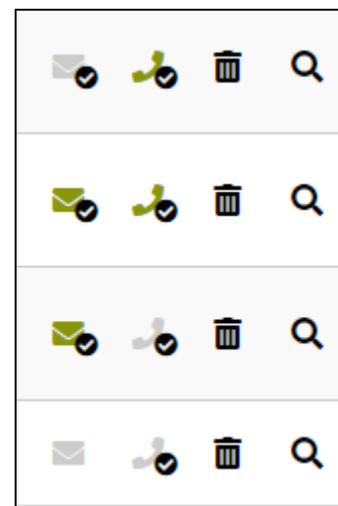
Part D: Setup your LoRa Gateway

Your LoRa gateway should be placed close to a window on the upper floor of your house to get the best possible coverage.

It is best to used wired (ethernet) internet connection with your gateway to avoid any down time caused by Wi-Fi. Please contact BeeSecure if you would like to connect your gateway to Wi-Fi instead.

Steps to setup your gateway:
1. Connect the antenna to the gateway
   IMPORTANT: Never power on the gateway without the antenna connected!
2. Plug in your ethernet internet cable to the gateway (not included)
3. Power on your gateway by plugging in the included power adapter. Never use a power adapter that is not from BeeSecure, otherwise your warranty will be voided.
4. Mounting screws are provided if you want to mount the gateway onto a wall.
5. Your gateway will take up to 10 minutes to boot and connect to the internet. Wait at least 10 minutes after powering on the gateway before you try to connect your LoRa devices.

Part E: Connect your LoRa Temperature Sensor

Temperature / Himidity Sensor Probe

LED Indicator

Function Key

Battery Cover

netvox
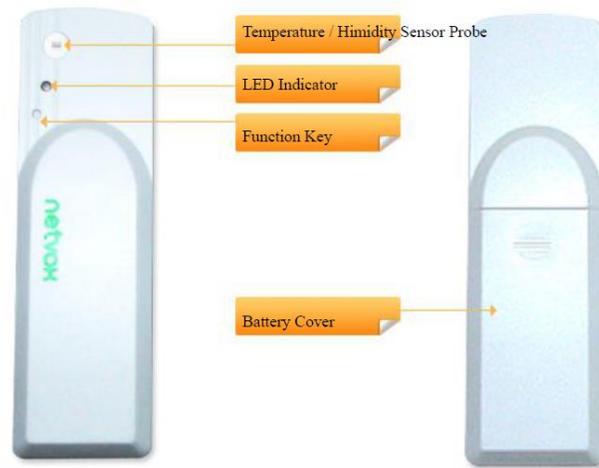
Step 1: Power on your temperature sensor
Insert two AA batteries into the temperature sensor. Make sure you are within range of the LoRa gateway, and the sensor will try joining the LoRa network. This could take up to 5 minutes. The LED indicator will blink green once the sensor joins.

Step 2: Connect the temperature sensor
The temperature sensor will automatically start sending temperature readings through the LoRa gateway to the BeeSecure app. When you first power on the sensor, it can take up to 8 hours before it connects to the BeeSecure app.

The temperature sensor will automatically report the temperature to the BeeSecure app every 60 minutes. You can press the function key on the temperature sensor to force it to send a temperature measurement right now to test that it is working properly.

Part F: Monitor Temperature and Setup Alerts

Step 1: Setup Alerts

i)   You can customize the notifications you receive from your sensors via the 'ASSETS' ➔ 'LISTING' screen – click the settings icon ( ) next to your asset

ii)   Under 'Notifications' you can set a "High Temperature" Alert to receive an alert if the reported temperature exceeds this temperature

Step 2: Monitor Temperature

i)   On the Assets page, click the events icon ( ) to view the reported temperatures

ii)   Click the magnifying glass icon ( ) to view the temperature details

iii) You can change the date range of the events by clicking the filter icon ( ) in the bottom right corner of the app

Part G: (Optional) Allow More Users Access to Your Account

You can setup user accounts for friends/co-workers to be able to sign in to view your assets.

Doing so gives them their own username and password so you don't have to share yours with them.

i)   Open the navigation bar by clicking the user icon on the top right of the screen, and go to Account → Users

ii)   Click the (+) icon on the top right to add a user

iii)   Fill in the user's information. Only the inputs denoted with a * are mandatory.

        Optionally, an expiration date can be set for the user account in the "Expire Date" section. If no date is set, then their account will not expire.
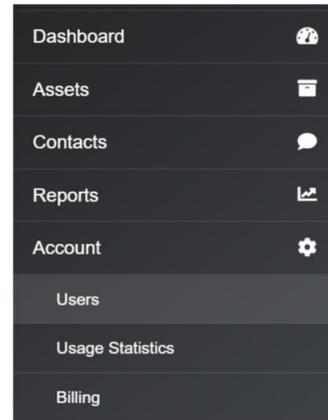
iv)   Give the user a username and password. This will be their login credentials. They can change their password later from their account if they want.

Part H: Track Your Assets

Track your BeeSecure-Guarded Assets

i)   You can customize the notifications you receive from your asset trackers via the 'ASSETS' → 'LISTING' screen – click the settings icon (🔍) next to your asset

ii)   Under 'Notifications' you can:

        a. Flag your asset as stolen (only do so in the case of a confirmed theft). Coming soon, law enforcement will be directly notified when your asset is stolen.

        b. Edit the date your asset was stolen

        c. Adjust the notification interval for when you will be notified that your asset has started moving.

For example, if set to 1 hour, you will be notified that your asset started moving only once it has been stationary for 1 hour. This helps prevent false alarms and limits the number of text messages sent.

Don't worry, your asset will still be tracked regardless of if you receive a notification or not.

Notifications

Stolen *

No ▾

Stolen Date

YYYY-MM-DD

Notify Of Movement Once Idle For *

1 hour ▾