

Install the Equipment Asset Tracker - Battery (EAT-B Device) for Spotlight users

This installation guide for Verizon Connect customers. If you are a Verizon Connect installation partner, refer to [Install the Equipment Asset Tracker - Battery \(EAT-B Device\) using the Reveal Hardware installer app](#).

This article includes:

- [Device information](#)
- [Preparing for installation](#)
- [Installing the EAT-B device](#)
- [Device support](#)

Device Information

The Equipment Asset Tracker - Battery (EAT-B) device is designed by Verizon Connect for tracking non-powered assets, such as generators, containers, pumps, and so on.

- Compact and discreet
- Easy to conceal
- Long battery life
- Replaceable battery
- Optimized internal antenna design for a strong signal
- IP67 rated protection against water and dust ingress



- Mounting holes (one on each corner) (1)
- Status LEDs for battery, network, and GPS (2)
- Status button that wakes the device, runs a status test and sends a report. (3)
- Device label with its serial number (SN) and International Mobile Equipment Identity (IMEI) number (4)

Preparing for Installation

What's in the box



1. EAT-B Device
2. 4 x self-drilling screws for metal: standard 5/16" hex head, number 12 size, 1 inch long
3. 4 x bolts: Serrated-flange 5/16" hex head, 10-32 thread, 1 ¼ inch long, .19 inch screw width
4. 4 x locknuts 3/8" head
5. 4 x washers, flat type

What You'll Need

- The Reveal Spotlight app to confirm your device can be located on your Reveal Live Map.

You can download Spotlight from the App Store (for iOS devices) or Google Play (for Android devices).

Use your Verizon Connect credentials to log in to the app. If you do not have a login, contact your administrator.

- Cordless drill with metric and standard bits and sockets (for lock nut operation).
- Safety glasses or other eye protection
- Marker for marking where the holes will be drilled.

Installing the EAT-B Device

Step 1: Make note of the serial number (SN) located on the device.

You need this number later when confirming that the device has connected to Reveal. You can find the serial number on the label on the side of the device.

Step 2: Find a good location to mount the device.

The device should be mounted in a location with a clear view of the sky and where it does not interfere with the safe operation of the asset, or where it is exposed to road debris or high-pressure water spray that can damage the device.

Do not mount the device under the floor in an enclosed metal trailer or container as this can limit connectivity and data.

Do not mount the device facing down, underneath the asset, because ground reflections can impair the signal reception and reporting accuracy.

Possible locations include:

- Top of the trailer’s tongue
- Hitch rail
- Side rails
- Front bulkhead

Do not mount the device until you have activated and tested the device.

Step 3: Activate and test the device.

1. Hold the device in the mounting location.
2. Press the **Status** button.
3. Check the status LEDs.

ICON	NAME	STATUS
	Battery	• 1 flash = 10-25% full • 2 flashes = 25 - 50% full • 3 flashes = 50 - 75% full • 4 flashes = 75 - 100% full
	Network	• Slow flash: device is seeking network • Solid: network connection acquired • Fast flash: network connection failed
	GPS	• Slow flash: device is seeking GPS • Solid: GPS location acquired.

ICON	NAME	STATUS
		Fast flash: GPS location failed.
	Bluetooth	At this time, the device does not support a flash when the device is powered on, but it does support a test/status function. It can be disregarded.

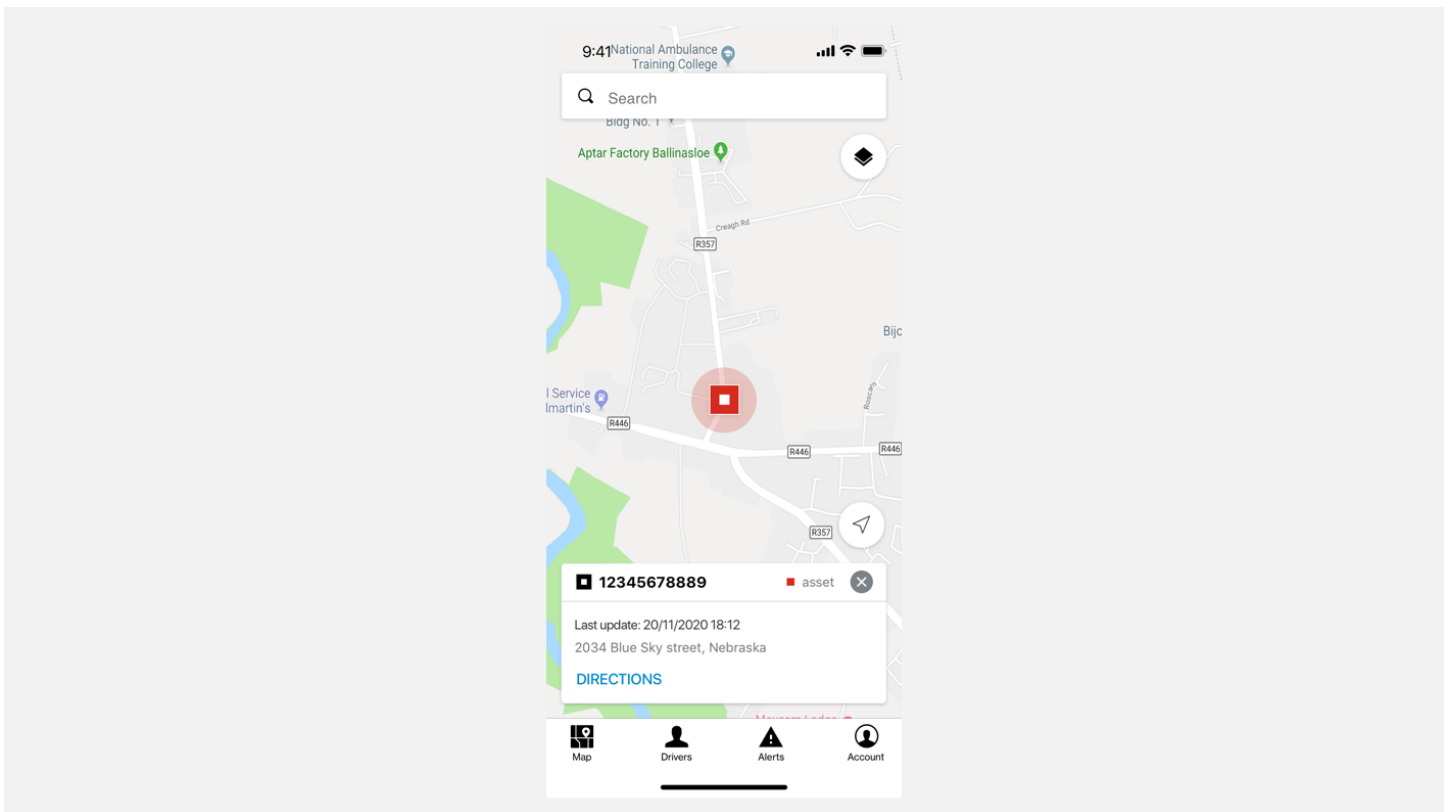
The device runs a status test for battery, network, and GPS. It can take up to 30 seconds for the LEDs to light up and they stay on for 5 seconds. To recheck the status, press the Status button. Pressing the Status button a second time does not power off the device.

Step 4: Check that the device is reporting to Verizon Connect.

The asset should be listed in Reveal and Spotlight with the serial number as the asset name. You can search for the asset to confirm that it is successfully connected to Verizon Connect.

To check for the device in Spotlight:

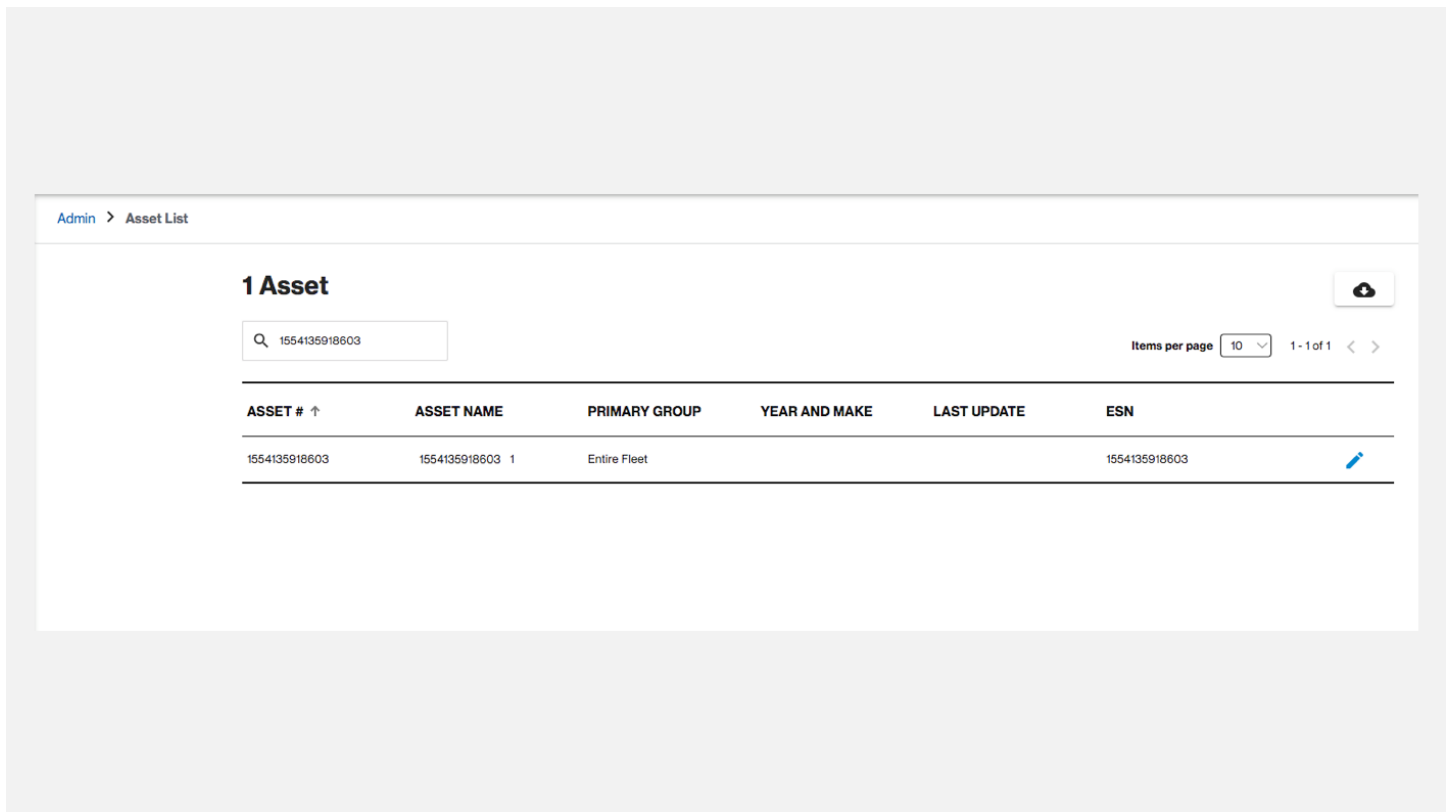
1. In Spotlight, go to the **Map** screen.
2. In the **Search** field, enter the device serial number and tap **Search**.



1. If the asset is connected, the asset shows on the Map.
Assets are represented by square icons.

You can also search for the asset in Reveal.

- In Reveal, go to **Admin > Asset List**.
- In the **Search** field, type the device serial number and press Enter.
If the asset is connected, it shows in the list.



Step 5: Mount the device

Once you have activated and tested the device, you can mount it to the asset. To mount the device:

1. Hold the device in the mounting position.
2. Mark the positions of the four mounting holes.
3. Drill holes in the positions you've just marked.
4. Secure the device to the asset using the included screws or bolts.
Do not use rivets or countersink screws. Do not over-torque. Over-torquing or using the wrong mounting hardware can cause the plastic surrounding the mounting hole to crack.

Step 6: Rename the asset in Reveal

The asset is listed in Reveal with the serial number as the asset name. We recommend that you rename the asset so that it's easier to identify on Live Map and in your reports.

To rename the asset:

1. In Reveal, go to **Admin > Asset List**.
2. In the **Search** field, type the device serial number and press Enter.
3. Choose the **Edit** icon next to the asset.
4. Enter a unique asset name and asset number.

Admin > Asset List > New Group Asset 1

Asset Overview

Details

Location History

Groups



UPLOAD

ESN

1554135918603

Group Access

Member of 1 group

Asset Name

Crane 2

Asset Number

1554135918603

Make

Model

Year

Notes

SAVE CHANGES

1. Choose **SAVE CHANGES**.

Device support

- [Replace the battery pack](#)

FCC compliance statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or install technician for help.