

# LTE Bridge Quick Setup Guide

Need more detail? Scan QR code at right → [OR CLICK THIS LINK](#)



## Set up your LTE Bridge in a secure location near Avi-on devices & Internet

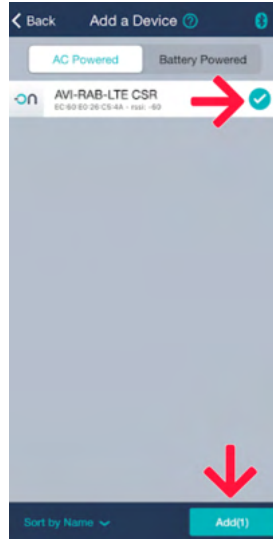
The *Avi-on LTE Bridge* connects local Avi-on Bluetooth® control devices to Avi-on's optional cloud services like remote startup & ongoing support, device backup, energy data, openADR, & API

- 1) **Connect power, LTE antenna, & USB Bluetooth® dongle**
  - a) Plug **power cable** into green **V+ V-** phoenix connector
  - b) Plug **antenna cable** into **ANT** port
  - c) Plug the **USB cable** attached to the USB dongle into the **USB** port on front of device where lights are
- 2) **Place LTE Bridge in good physical location**
  - a) Secure (like an IT closet)
  - b) 3-bar cellular coverage (check your personal phone)
  - c) Within 10 to 40 feet of the Avi-on Bluetooth network. *Actual distances may vary. Extension cables available for Bluetooth dongle or LTE antenna at online retailers*
- 3) **Power up the LTE Bridge** and make sure the green phoenix connector (power) is firmly seated. *Once powered and connected to cellular, the Avi-on LTE Bridge may take a few minutes to automatically update its firmware*
- 4) **If the LTE Bridge was used previously on a different project**, login to *Mobile Commissioning* or *Pro App* using your personal Avi-on account. Then access the previous project's online Avi-on *Location*; use App to 'Remove' Bridge
- 5) **See instructions on next page to 'add' the LTE Bridge to your project's account**

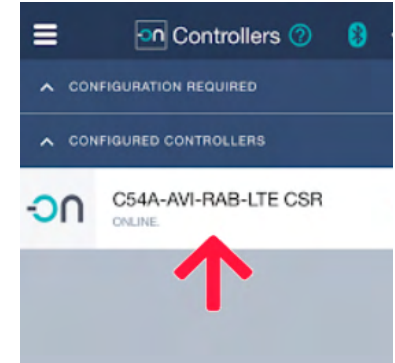
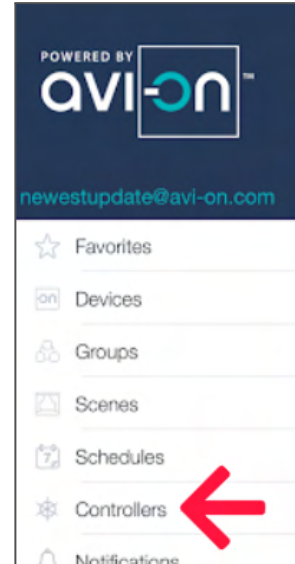


## 'Add' the Avi-on LTE Bridge (AVI-RAB-LTE) to the Project's Account

- 6) **REMINDER:** if this Bridge was used previously on a different project, login to the *Mobile Commissioning* or *Pro App* using your personal Avi-on account and access the previous project's *Location*, then 'remove' or 'unclaim' it from the *Location*<sup>1</sup>
- 7) Login to the *Mobile Commissioning* (or *Avi-on Pro*) App using your personal Avi-on account and access the project's online Avi-on *Location*. If you do not have access, you will need to request access from the project's manager
- 8) When using the *Mobile Commissioning App*, under Devices, press Add Device (+), select the Avi-on LTE Bridge, and press the ADD button. See screenshot at at right → → →
- 9) When using *Avi-on Pro for Mac*, just scan for the Pro USB Dongle and 'Add' it to the Pro App ('claim' it) like any other Avi-on device. No other configuration is required



- 10) In the App under 'Controllers,' select 'AVI-RAB-LTE'



<sup>1</sup> **IMPORTANT:** If you can't 'see' the Bridge on the App to 'add' it, the Bridge is probably 'claimed' to another project's account. Please login to the previous account and REMOVE it. **Do not hard reset the LTE Bridge.** SEE NEXT PAGE FOR 'HOW TO TRANSFER BRIDGE FROM ONE LOCATION TO ANOTHER.' If you are stuck, please contact Avi-on's helpdesk at [Avi-on.com/Contact](https://www.avi-on.com/Contact)

## How to Transfer an LTE Bridge from “Location A” to “Location B”

**\*\* This process requires the LTE Bridge to be physically in your possession at a site with powered Avi-on devices + cellular service \*\***

1) **Create a personal Avi-on ACCOUNT**

a) If you do not already have a personal Avi-on Account, please [click on THIS LINK](#) or scan the QR at right → → →



2) **Become a MEMBER of both (virtual) Avi-on LOCATIONS**

a) Become a MEMBER of the previous LOCATION (“Location A”). If you are not already a MEMBER, ask a LOCATION MANAGER of the previous project site to invite you to “Location A” (they can remove your access later)

b) Become a MEMBER of “Location B”, or if it doesn’t already exist, create “Location B” by clicking on the [Location.Avi-on.com cue card](#) for info or scanning the QR at right → → →



3) **Power Two or More Nearby Avi-on Devices.** In order to transfer locations, the LTE Bridge needs two or more *line-powered* (not battery) Avi-on devices to talk to. If you don’t have any devices handy, go to a physical site with Avi-on devices, or plug in the *Avi-on Showcase*

4) **Setup & power the LTE Bridge.** *Please see added instructions selecting the specific site on the first page.* Plug in the Bridge at any physical site where TWO or more Avi-on devices (not battery) are BOTH powered AND in close proximity, PLUS you have strong cellular service. *Use your personal phone to judge cellular strength*

5) **REMOVE the Bridge from the old site, “Location A”**

a) Login to the *Mobile Commissioning App* using your personal Avi-on account, and choose the previous location called “Location A”

b) Use the App to REMOVE the Bridge from “Location A” (this is just like REMOVING any other Avi-on device...nothing special)

6) **ADD the Bridge to the new site, “Location B”**

a) Use the App to select “Location B”

b) Follow the instructions on the previous page to ADD the LTE Bridge to this new project site