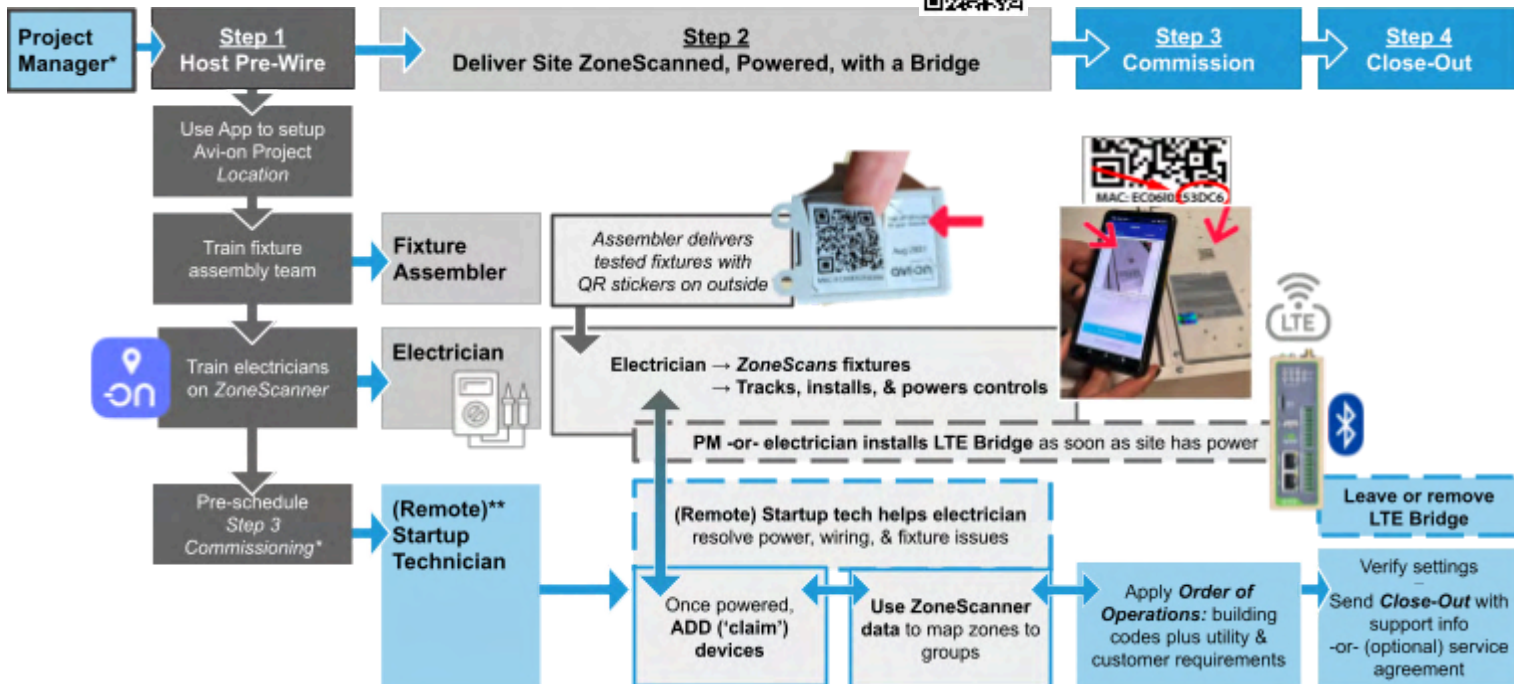


Project Startup in Four Steps

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* **For Avi-on paid startup:** if the project sponsor/agent introduces Avi-on to the fixture assembler, contractor, and electrician right after shipment, *Avi-on Remote Technicians* can manage the project setup & pre-wire meetings. If there are delays in introductions, then the project sponsor assumes the PM responsibilities

** **To commission projects remotely, startup technicians require an installed Bridge, as well as advanced training on Avi-on Pro software.** The *Avi-on Mobile Commissioning App* uses a smartphone for onsite commissioning of small, simple projects. *Mobile* is easier to use, and it has fewer capabilities than *Pro*






Project Manager's 4-Step Startup Checklist




Need to schedule Remote Startup? Go to [Avi-on.com/Contact](https://www.avi-on.com/Contact) or scan the QR code at right →



Step 1) Host Pre-Wire Meeting(s)


- a) For large projects, use [Project Manager's Detailed Checklist](#) (QR →) 
- b) **Host Pre-Wire Meeting** with electricians
 - i) Document order of operations
 - ii) Create a personal [Avi-on Account](#) and/or join the project's *Location*. QR→ 
 - iii) Prep [ZoneScanner Tool](#)
 - 1) Create Zones
 - 2) Invite electricians to *ZS Tool*
 - 3) Practice scanning QR codes & installing devices with Electricians. QR next column→
 - iv) Verify controls wiring diagrams & wire colors: [Avi-on.com/Resources](https://www.avi-on.com/Resources)
- c) **Pre-schedule Avi-on Remote Startup** at [Avi-on.com/Contact](https://www.avi-on.com/Contact)
- b) **For in-fixture controls**, train assembler to qualify, build, & test with required [Fixture Assembly Checklist](#) (QR →) 

Step 2) Deliver Site ZoneScanned, Powered, w/ Bridge

- d) Install [LTE Bridge](#) as soon as site is powered (QR →) 
- e) Instruct electrician to use [ZoneScanner Tool](#) to install controls and assign them to zones (QR →) 
- f) Use [Electrician's Checklist](#) to power site, resolve wiring and fixture issues prior to leaving site (QR →) 
- g) Work in parallel with electricians to resolve power, wiring, and fixture issues*

** If you are unable to resolve issues with the Electrician's Checklist AND the project has an LTE Bridge, request remote help at [Avi-on.com/Contact](https://www.avi-on.com/Contact), often at no cost. Large or complex requests will receive an estimate*

Step 3) Commission Controls

For Avi-on Remote Startup, please pre-schedule at [Avi-on.com/Contact](https://www.avi-on.com/Contact) (QR → → →) 

For Partner-led Startup, use *Mobile Commissioning App* -or- *Avi-on Pro for Mac* -

- a) If not done in Step 2, add *Groups*
- a) Use *ZoneScanner data* to match zones to groups
- b) Discover (find) direct connect sensors if needed
- c) Associate groups w/ sensors or wall stations
- d) Set dimming, trim, and/or color for groups & individual devices
- e) Set occupancy, vacancy, + sensor sensitivity
- f) Establish overrides like ALS or emergency
- g) Add schedules or scenes (NTM required)
- h) Test & adjust the system & settings

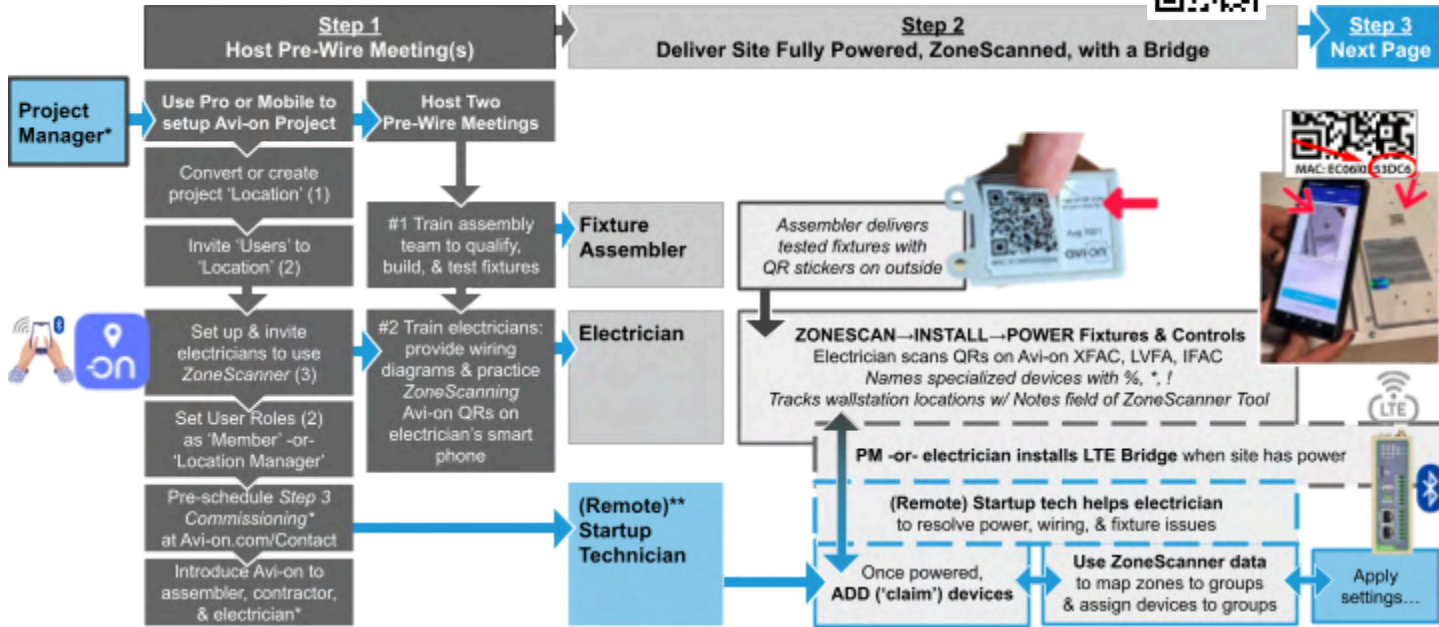
Step 4) Close Out Project

Email Notice of Project Close-out
If partner led the startup and/or Bridge is removed, provide partner's contact info for future support

—
Keep or remove the LTE Bridge depending on ongoing service & support expectations

Startup Steps 1 & 2: Installing Devices for Commissioning

Need to schedule Remote Startup? Go to Avi-on.com/Contact or scan the QR code at right →



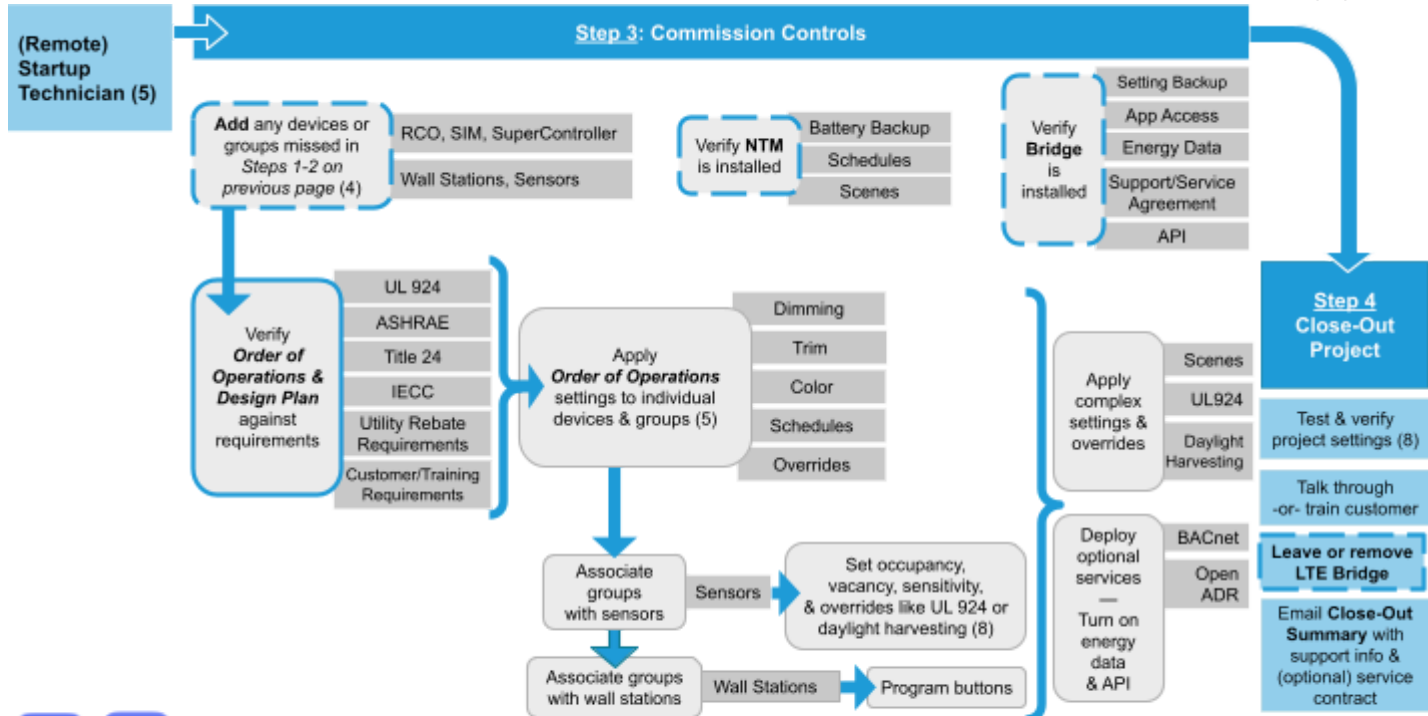
* **For projects with Avi-on paid startup:** if the project sponsor/agent introduces Avi-on to the fixture assembler and electrician right after shipment, Avi-on Remote Techs can do project setup & pre-wire meetings. If there is a delay in introductions, then the sponsor/agent assumes the PM responsibilities

** **To commission projects remotely, startup technicians require an installed Bridge, as well as advanced training on Avi-on Pro for Laptop.** The Avi-on Mobile Commissioning App is easier to use and has fewer capabilities than Pro. Mobile is designed for onsite commissioning of small, simple projects

- (1) If you do not have a personal Avi-on account, use Mobile or Pro to create one. Do not create duplicate locations, as they cannot be combined. Check shipping documents or ask project manager for location information. If uncertain, go to Avi-on.com/Contact or scan the QR code at top of page
- (2) Use Location.Avi-on.com to manage User Roles such as member v. location manager
- (3) Use Mobile, Pro, or ZoneScanner.Avi-on.com to invite Electricians to use ZoneScanner. Electricians do not need an account for the ZoneScanner Tool

Startup Steps 3 & 4: Complete Commissioning & Close-Out Project

Please see previous page for Steps 1 & 2



NOTES

- (4) **Project Startup Step 3 (Controls Commissioning)** relies on completion of **Project Startup Steps 1-2**: all devices are delivered fully powered, **ZoneScanned**, with a **Bridge**. Remote commissioning requires a functioning Bridge. Please see previous page for details of Steps 1-2
- (5) **Mobile Commissioning App** is designed for **onsite** commissioning of small, simple projects, and it has fewer capabilities than **Avi-on Pro**. Mobile is not optimized for large numbers of devices, and it does not do remote claiming, apply complex sensor or override settings, or do diagnosis