PLTE/CBRS Tools and Device List

Tools and Links:

federated wireless

CPI (CBRS Certified Professional Installer) training and certification
https://cpi.federatedwireless.com/#/public-dashboard

Ruckus LTE AP Management

Ruckus LTE AP Management is used for setting up the CBSD base stations Q910 and Q710 and the SAS will be managed here

https://t3.lte-cloud.ruckuswireless.com/t/0015000001EgrK5AAJ/#/tenant/0015000001EgrK5AAJ/dashboard

NetCloud by cradlepoint

NetCoud is used to configure the E300 (we have one at UETN and each of the pilot sites has one of them. We may be asked to help setup and manage the device for a few of the sites
https://accounts.cradlepointecm.com/?error=&redirect_url=#/login

Baicells

Baicells are used to set up Baicell CPE devices
https://cloudcore.baicells.com:4443/sys/login

Theodolite

Theodolite is An AR Navigation and viewfinder, Hunter Research and Technology, LLC

https://apps.apple.com/us/app/theodolite/id339393884

Device List and Links:

Airspeed 1030 Compact Outdoor Small Cell W/ Dual Sector Smart Beam Antennas Radio

Airspan

Q910 Figure 1

Figure 1

Q710 Figure 2

Figure 2

Each participating site receives the following User Equipment (UE) devices to be used to connect non CBRS devices to the CBRS radios:
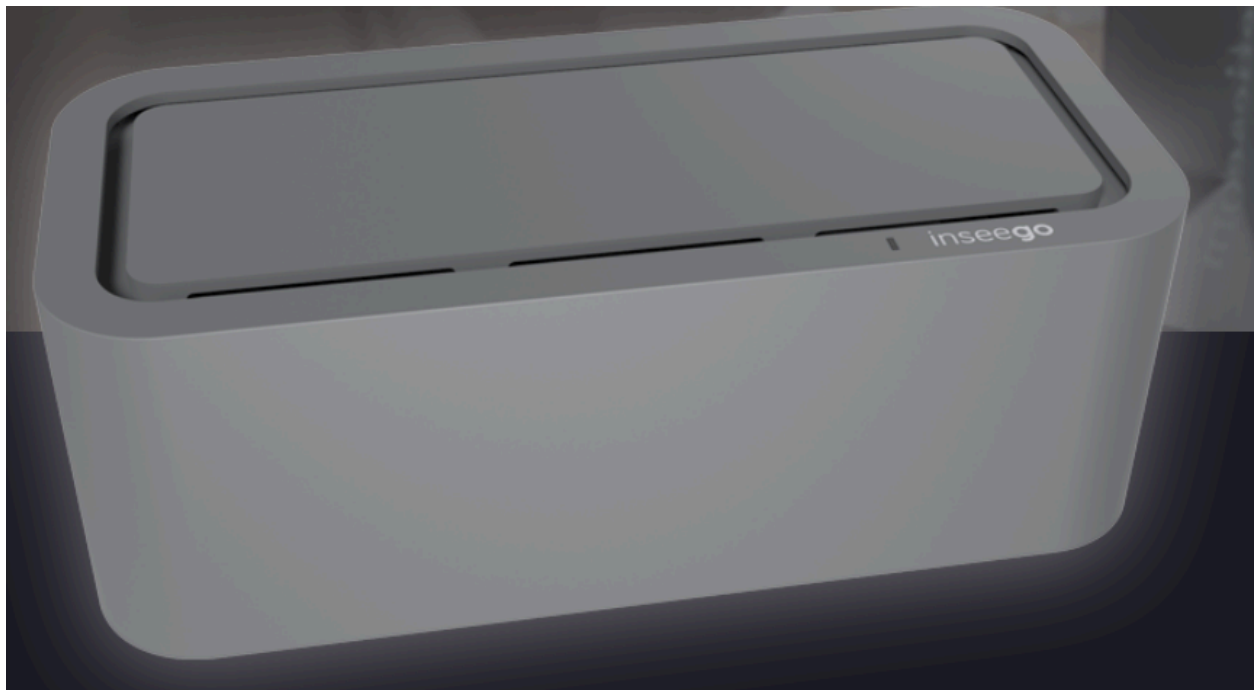
UE/CPE Devices -

[Inseego MiFi 8000](#) **Figure 3** unlocked, supports CBRS, LAA, Wi-Fi 5, FirstNet and LTE Bands. Each site will receive 12 of these units

Figure 3

[FW 2000 Inseego Wavemaker PRO](#) 5G Indoor

**Inseego Wavemaker PRO 5G Outdoor Modem FW2010e
Enterprise**

Multi-tech Private LTE CBRS OnGo Cat 6 USB **Figure 4** Cellular Modem Radio and any needed hardware. Each site will receive 1 device.

Figure 4

LTE Cellular to Ethernet Bridge (MTE Series) **Figure 4.1.** Each site will receive 1 device.

Figure 4.1

[CradlePoint All-In-One Pop-Up LTE Network Router E300](#) **Figure 5** Each site will receive 1 unit

Figure 5

[Cradlepoint R500 PLTE Datasheet](#) Figure 6

Figure 6

Customer Premises Equipment (CPE) Device

BaiCells Atom OD04 3.5 GHz - Outdoor CPE, CAT 4, 1T2R, 19.5 dBi Antenna, Band 42/43/48, Gen2. Figure 7 a non mobile, external device, you need to add an external AP to it and it comes with a proprietary POE injector so you need AC power for the injector). These are not counted as part of the 15 UE devices). Each site receives 3 units

Figure 7