

# WIRELESS BROADBAND INSTALLATION

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## Step 1 | Site Survey (if required)

Verifies line-of-sight and signal quality.  
Determines if additional costs for cabling will be required.

### An order can be canceled without penalty if:

- The site survey determines that service will not be available.
- Additional installation costs will be required. (example: a taller mast)
- The building owner rejects roof access or radio installation.

## Step 2 | Equipment Installation

Grid4 will install a roof mounted radio that will sync to Grid4's PoP site. Techs will run ethernet cable through existing infrastructure to your DEMARC/ server room similar to a T1 installation.

### Radios

- Grid4 maintains and services all radio equipment.

### Network

- Grid4 will provide and install Cat5 cable from the radio to the customer DEMARC/ Customer Network Room site.
- Grid4 will provide an Ethernet hand-off at the customer DEMARC/ Customer Network Room site.
- If voice services are delivered, an integrated access device (IAD) will be deployed allowing for a handoff to the customer phone system and LAN.

## Step 3 | It Works!



## Landlord Approval

- Grid4 will work directly with property & building owners and provide any documentation necessary to complete the installation in a timely manner.

## Equipment Specs

- 4-6 foot tall non-penetrating roof mount.
- Typical load (including the mount, radio and ballast) is roughly 250-300 lbs. total, on the 4'x4' mount.
- Grid4 uses carrier-grade radios and equipment manufactured by Cambium Networks, a division of Motorola.
- Existing access or HVAC systems are utilized for point of entry into