

Building-to-building Internet Bridging

FAQ's

How does bridging work?

“Bridging” simply means creating a wireless connection between two buildings. It’s like running a computer cable between two buildings without the wire!

What equipment is used?

To create a wireless bridge, a small, self-contained radio is used on each building. The radios transmit your internet signal from one building to the other. Your current modem and router inside the house is used.

Does Bridging affect my current WiFi signal inside my house?

No. Different wireless frequencies are used for the bridge portion, so your current house WiFi operation is not affected.

Will my Internet provider charge me more for this?

No. As long as the buildings you are bridging belong to you, there is no extra charges from your provider.

Will this my internet signal usable on my yard?

Depending on your needs, we can use the bridging signal to make a WiFi signal that can be used anywhere between the buildings: for example, farmyards. This allows you to use your internet signal on your smartphone outside on your farmyard (no cellphone data is used)

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Is the WiFi signal secure, or can anyone use it?

The signal will be secured with the passphrase you choose. Another, even more secure method called MAC filtering, can also be used. No one will be able to use your signal without you giving them your passphrase.

I have buildings on neighboring farms. How far will bridging work?

It mostly depends on obstructions (trees, buildings, etc) between the two farms. If there are no obstructions, signals can be sent for miles.

Will I have WiFi signal inside my outbuildings?

Yes-we can create a separate WiFi signal inside the buildings so that Laptops, Tablets, and Cellphones will be able to connect anywhere inside the building.

Are there any obstacles to the bridging signal?

The main obstacles are buildings and trees. Basically, we like to have “line-of-sight” between the two bridging radios—which means being able to visually “see” the other radio. Some tree interference can be tolerated.