



Fixed Wireless Internet for Business

Connecting hard to reach places

High-speed, affordable internet service for small business and enterprise locations.

TouchTone fixed wireless internet service provides a faster, reliable and quick to deploy connectivity alternative to areas that are too difficult to reach with traditional broadband, cable and fiber.

- ✓ Two classes available - business-class (fixed wireless broadband) and enterprise-class (fixed wireless DIA)
- ✓ Speeds: 5 Mbps to 10 Gbps
- ✓ Ability to connect multiple devices

Business (Fixed Wireless Broadband)

Enterprise (Fixed Wireless DIA)

	Business (Fixed Wireless Broadband)	Enterprise (Fixed Wireless DIA)
Bandwidth Capabilities	5 Mbps x 2 Mbps to 50 Mbps x 10 Mbps	symmetrical 5 Mbps to 10 Gbps circuits
Popular Uses	alternative to DSL or Cable internet service	alternative to fiber/copper Ethernet and T1 type services
Availability	99.5% availability	99.9% availability
Monitoring	24/7 monitoring and maintenance	24/7 monitoring and maintenance
Response Times	10 min to 2 hour mean time to response (depending on requirements)	10 min to 1 hour mean time to response (depending on requirements)
Latency	<100ms to the internet	<15ms to traverse the microwave portion of the network
Pack Loss	<0.1%	<0.1%

INSTALLATION



Placement

An expert installer finds the best place at your business for your antenna mount and cable run. Setup is similar to what you see with a Direct TV or Dish Network.



Install

Your antenna is fine-tuned and set to provide the strongest, most reliable signal.



Connect

Our installers will help you connect all of your devices.

Install Configurations

Business-class

- ✓ J-mount on the side of the building
- ✓ Non-penetrating roof mount

Enterprise-class

- ✓ Non-penetrating roof mount
- ✓ Tripod mount

FAQS

Does bad weather cause problems?

No. Fixed wireless should not be confused with satellite service. Fixed wireless circuits are designed for 99.9% uptime and are meant to handle weather specific to a particular geographical region. Connections typically travel less than 10 miles wirelessly (compared to 22,000+ miles one way for a satellite connection).

Are fixed wireless connections secure?

Yes. WiFi often gives fixed wireless a bad name. Although the technologies are similar, fixed wireless services are much more secure than WiFi.

Does fixed wireless have usage limits?

For enterprise-class, microwave back-hauls do not have usage limits. For business-class, if there are limits, these will be conveyed to the customer and are usually at 200GB or higher.

HOW IT WORKS

Using wireless technologies (microwave signals), data is relayed from a fiber back-haul tower to a fixed wireless tower until it reaches a special receiver antenna at the customer's location (installation differs depending on class type - see installation configurations above).

