

Fixed Wireless

More than ever before people and businesses expect to stay connected to work and life while maintaining access to all the latest technologies—from cloud-based solutions to enterprise connectivity. Broadband is increasingly becoming a necessity of life, but there are still areas where connectivity is a challenge. While Fixed Wireless has traditionally been deployed in rural environments, it's a proven and reliable solution for urban areas too—giving you significant bandwidth and speed-to-market.

Complementary to fiber, our enterprise-grade Fixed Wireless solution provides high speed broadband internet or ethernet access scaling from 100Mbps to 10Gbps. Using a radio link, the wireless technology connects two fixed locations with line of sight. Whether you need network diversity, connectivity in challenging areas or a temporary line of service, Fixed Wireless gets you up and running.

Key Benefits

Speed-to-market

With a seamless and easy installation, we can turn up a Fixed Wireless link fast—helping scale your network to stay ahead.

Reliability

A proven solution using advanced technologies delivers reliable connectivity with a service level agreement of 99.9% and up to 99.99% when combined with fiber transport.

Diversity

Provides added peace of mind with secondary protection via a physically diverse circuit—it's a cost-effective way to improve network reliability.

Flexibility

Get temporary line of service for one-time events or new construction of near-or off-net locations while we build your fiber network.

Single provider

Comprehensive suite of end-to-end solutions to solve all your complex connectivity challenges, and help you build for a smarter tomorrow.

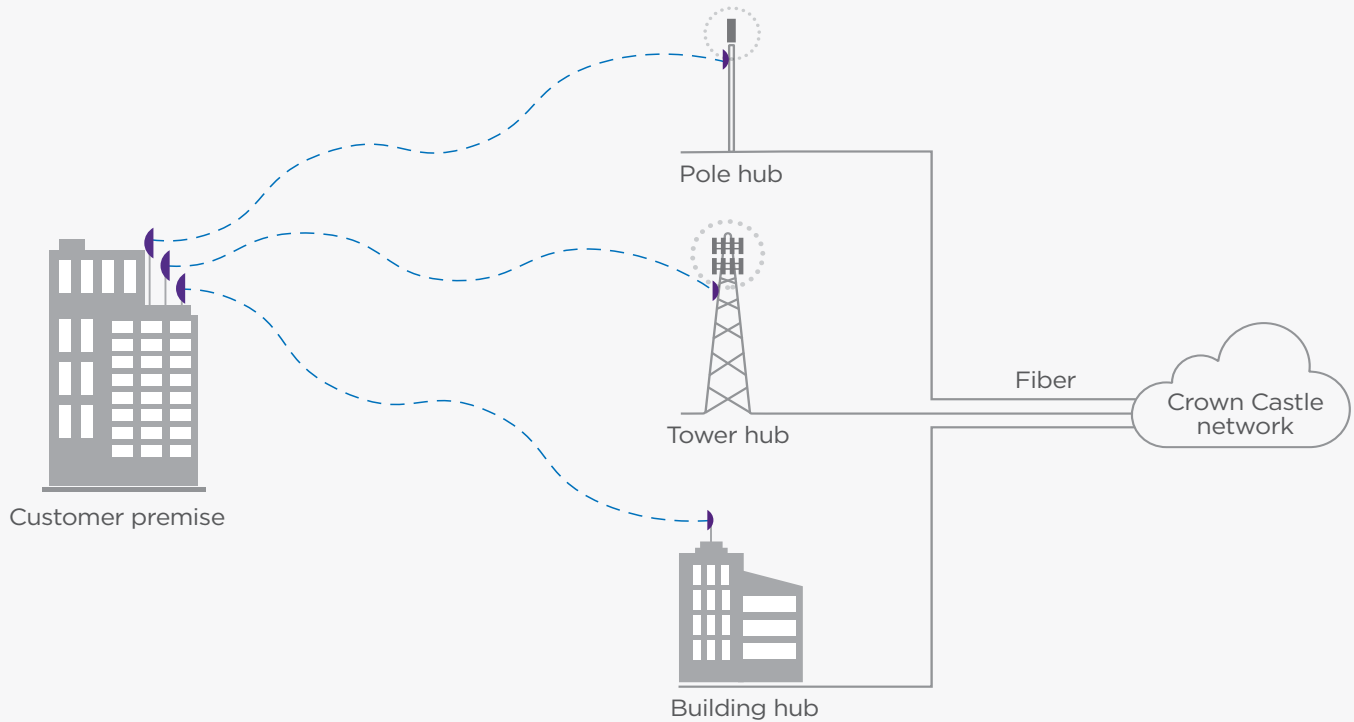
More than
25 Years
of Expertise

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Our Solutions

- › Towers
- › Small cells
- › Dark Fiber
- › Ethernet
- › Wavelength
- › Managed SD-WAN
- › Internet Access
- › Private Networks
- › Colocation
- › Cloud Connect
- › Optical Encryption
- › DDoS Defense
- › Cyber Defense One
- › Bandwidth on Demand
- › **Fixed Wireless**
- › Ultra-Low Latency
- › Video Transport

Fixed Wireless



Our solution

Our Fixed Wireless solution supports:

- ▶ Bandwidth ranges from 100Mbps to 10Gbps
- ▶ Ethernet: E-Line point-to-point delivered over Fixed Wireless
- ▶ Internet: dedicated Internet Access over Fixed Wireless

Technical specifications

| | FREQUENCIES | RANGE* |
|-----------|----------------|--------|
| Microwave | 6 - 42GHz | 40km |
| mmWave | 60GHz (V) | 500m |
| | 70 - 80GHz (E) | 8km |

*Dependent on region's maximum rate of rainfall



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 80,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.