

How to Build a High-Performance 5G Wireless Network

The most significant challenge today in building carrier or private 5G wireless networks is to increase performance and coverage while reducing costs. Here's how to overcome this challenge.

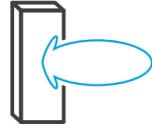
Choose Innovative Technology

Antenna technology makes a huge difference in the number of nodes you need, the time required for zoning approvals, your network's level of performance, and costs.



5G upgrades

Expand bandwidth and modernize



Side lobe reduction

Reduce interference between sectors



Frequency-Transparent Dipole Technology™

Multiple frequencies with one antenna without interference



Concealment

Easily pass zoning approvals

Use a Single Source for a Variety of Antenna Solutions

When you work with a vendor that has a passion for offering a broad array of antenna solutions, you have many options for choosing the best antenna configuration for your network topology.



3.5 GHz, CBRS and C-Band

Increase coverage and capacity for private LTE, mobile or fixed broadband, IoT and public safety



Tri-sector Antennas

Improve service levels with low visual impact and easy installation



Multiband Small Cell Antennas

Deploy powerful, affordable capacity that saves on installation, rent, backhaul and power



Concealment Antennas

Deliver 5G close to the user with compact antennas that fit in anywhere



Utility Network Antennas

Modernize legacy networks into one flexible, high-performance private LTE or 5G network

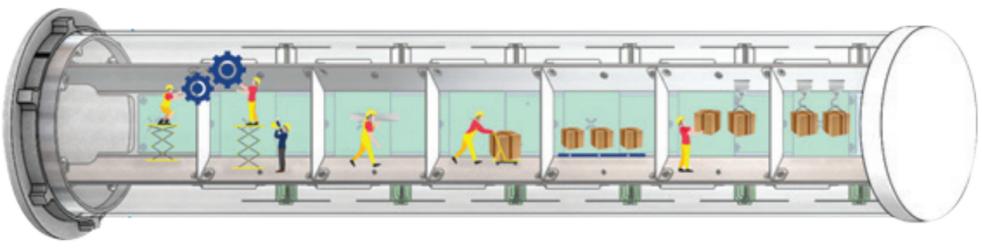


Stadium Antennas

Provide the five-bar service fans, teams and vendors expect

Get Fast Delivery on Core and Custom Antenna Solutions

Time is money when you're deploying a wireless network. Rapid delivery of core solutions and fast turnaround on customization keeps your costs down.



Choose an Antenna Partner with Deep Experience to Advise You

Alpha Wireless has been deploying antennas since 2007. Our customers have trusted us to deploy 1.5 million of our antennas in carrier and private networks worldwide. Our advisors are standing by to guide you to the highest performance and lowest TCO for your network.

[Contact Us](#)

