

Limit unreliable and weak cell coverage inside your building.

Boost your cell signal quickly and cost-effectively with a WilsonPro™ cellular-signal amplification solution.



The explosion in cellular connectivity has made smartphones and tablets more prevalent in daily life. Business users have come to expect reliable cell coverage and have little patience for spotty connectivity indoors. Unreliable, weak and limited in-building cell coverage can frustrate users and erode workers' productivity and tenant retention. But you can improve spotty coverage. An affordable cellular-signal amplification solution is within reach of businesses of varying sizes.

When Wi-Fi may not be the best answer

Many businesses turn to Wi-Fi to improve in-building cell coverage. But Wi-Fi can bring its own challenges, which can include slower transmission speeds, dropped calls and unreliable application performance. What's more, Wi-Fi can require special setup and security measures that can be burdensome for small IT staffs to manage and maintain.

The WilsonPro™ cellular-signal amplifier offers an alternative to help solve in-building cellular connectivity problems. WilsonPro amplifiers are ideal for enterprise, mid-market or medium-sized businesses, and small businesses with spotty indoor coverage in industries including:

- Commercial real estate
- Property management (multi-dwelling buildings)
- Hotels
- Residential buildings in rural environments

Approximately one in five American adults now use smartphones as their primary means of online access at home,¹ and they expect reliable coverage.

WilsonPro cellular-signal amplification benefits

With a WilsonPro amplifier, you can get improved in-building cell coverage without infrastructure-intensive installation and long deployment times.

Every WilsonPro cellular-signal amplifier is:

- **Interoperable**
Provides improved coverage for a variety of devices and frequencies
- **Simple to order**
Can be up and running quickly
- **Easy to manage**
No signal conversion required or many components to maintain
- **Scalable and practical**
Can help boost the cellular network to maintain in-building connectivity for a variety of business sizes and industries

How WilsonPro cellular-signal amplification works

Unlike an active distributed antenna system (DAS) that requires a new cell signal to be created, WilsonPro cellular-signal amplifiers use coaxial cable and splitters to distribute the existing signal. It works like this: A donor (bidirectional) antenna is installed on the roof or near a window of the building, which captures the outside cell signal and sends it through coaxial cable to a booster unit inside. Weak signals are amplified and transmitted to phones and other cellular devices in the building via a network of broadcast antennas installed on the ceiling (dome) using splitters.

Multiple amplifiers can be placed in server rooms, data closets or elsewhere indoors to cover buildings of varying sizes.

Do-it-for-me or do-it-yourself installation

You can purchase WilsonPro cellular-signal amplifiers through Verizon in either coverage-as-a-service (CaaS) or do-it-yourself (DIY) configurations.

CaaS includes full site design, installation, configuration and monitoring. You get improved coverage at your site with no in-house expertise required to deploy or maintain performance of your cellular-signal amplification solution. If performance is impacted, Wilson Electronics will notify you and perform maintenance, as needed, to keep your site connected and operating optimally.

WilsonPro cellular-signal amplifiers for DIY installation come in two models that accommodate indoor spaces up to 35,000 square feet:²

- WilsonPro 1100 with Single Indoor Antenna bundled kit includes a booster, one outdoor directional antenna, one dome antenna, preterminated cables and installation accessories
- WilsonPro 1100 with Four Indoor Antennas bundled kit includes a booster, one outdoor directional antenna, a four-way splitter, four dome antennas, preterminated cables and installation accessories

The WilsonPro 1100 models feature:

- Up to +25 decibels per milliwatt (dBm) uplink power to reach faraway cell towers
- +15 dBm downlink power for greater indoor coverage and installation flexibility
- Onboard software automatically adjusts the gain, and it remains operational even when outside cell-tower signal is very strong, minimizing truck rolls and service calls
- Use of up to six broadcast antennas
- Ability to turn off specific frequency bands
- Color LCD touch-screen display indicates gain and power levels of each band, for better control and usability
- 50 Ohm N or 75 Ohm F connectors (Single Indoor Antenna option) and 50 Ohm N connectors (Four Indoor Antennas option)

Why WilsonPro

A WilsonPro cellular-signal amplification solution can provide businesses with notably improved indoor cellular coverage that's cost-efficient, reliable and easy to manage.

Learn more:

To learn more about how WilsonPro cellular-signal amplifiers can improve your in-building cell coverage, contact your Verizon Business Account Manager or visit [verizon.com/business/products/networks/connectivity/wilson-pro/](https://www.verizon.com/business/products/networks/connectivity/wilson-pro/)



¹ 2019 Pew Research Center, <https://www.pewresearch.org/internet/fact-sheet/mobile/>

² Additional DIY equipment and a good outside signal may be required for 15,000 square feet and 35,000 square feet.