What is a Cell Phone Signal Amplifier system?

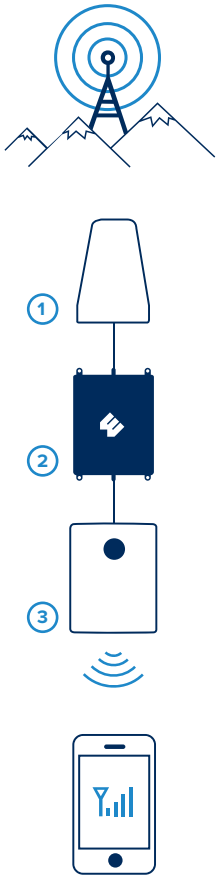
Cell phone signal amplifier systems (or passive DAS systems) are comprised of three main components; outdoor (donor) antenna, signal amplifier, and indoor antenna. Together, they form a wireless system that amplifies the existing cellular signal found outside a building and rebroadcasts it indoors to enhance cell signal reception and increase the signal coverage area.

Why WilsonPro?

- Professional-grade cellular signal amplifiers designed to solve connectivity issues in buildings 5,000+ sq. ft.
- Most powerful passive Distributed Antenna System (DAS) solution available for commercial application.
- FCC-certified and carrier approved to allow for prompt installation and deployment; weeks rather than years.
- Built in the U.S. and backed by U.S. customer support; nationwide network of certified installers available.

In-building Cellular Signal Amplifier Guide

How Does a Cellular Amplifier Work?



1 OUTSIDE (DONOR) ANTENNA

The outdoor, or donor antenna is pointed towards the cell phone tower to pick up the faintest signals—even those not detected by your cell phone.

2 SIGNAL AMPLIFIER

The signal amplifier (also known as a repeater or booster) receives the cellular signal from the donor and amplifies it.

3 INSIDE (INTERNAL) ANTENNA

The signal amplifier then sends the amplified signal to the indoor antenna to be rebroadcasted throughout the building.

About Wilson Electronics

Wilson Electronics, LLC. (home of WilsonPro) is a recognized leader and innovator in cellular signal enhancement technology and wireless communications infrastructure. For over 20 years, the company has designed and manufactured professional-grade, in-building cellular signal amplifiers, antennas, and related components.

We Also Offer Fleet Solutions

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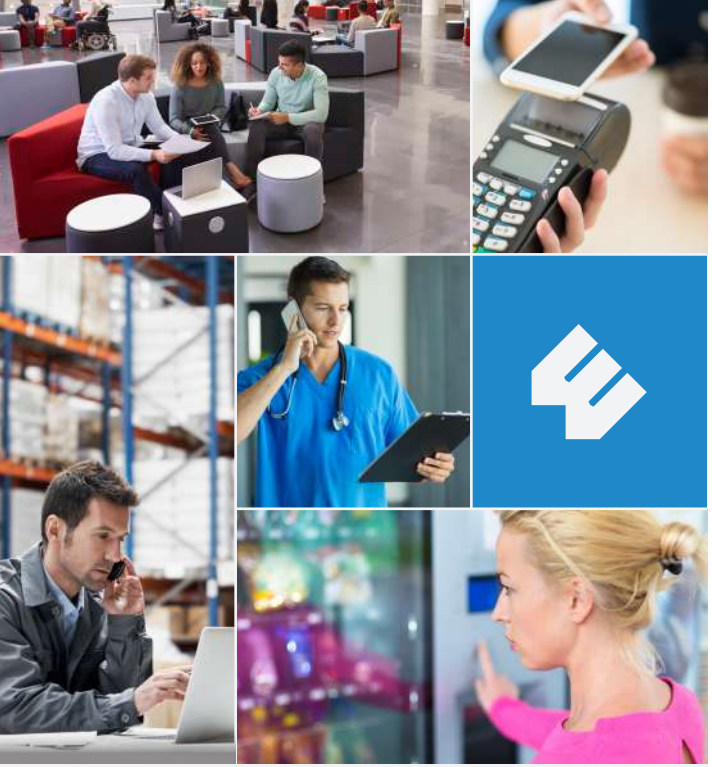

Cutting-edge WilsonPro Technology to Help Solve Your Cellular Connectivity Issues

In today's interconnected world, cell phones and cellular-connected devices are critical to job performance in almost every industry and at any organization. **WilsonPro offers commercial solutions for cellular signal enhancement to solve your cellular connectivity issues and ensure you get the best signal possible.** FCC-approved WilsonPro systems are well-suited for use in office buildings, corporate high-rises, schools, warehouses, or any commercial space 5,000 to 100,000 sq. ft.

From the initial site survey to fast, cost-effective installation, our certified WilsonPro partners can provide you with a custom cell signal enhancement solution from start to finish.

EDUCATION

From grade schools being challenged to modernize with SMART boards and tablets to college students demanding 24/7 mobile connectivity on and off-campus, strong indoor cell signal reception is more than a luxury. It's a must. Access to strong reception also keeps all students, faculty, and staff connected and safe across the schoolyard or expansive university campus.

GOVERNMENT

Outdated infrastructure, cement walls, and even glass windows can prevent cell signal from reaching inside government facilities. When state and federal agencies send and receive sensitive information, security is always a concern. Access to a secure mobile network helps protect against any outside interference that compromises national security and public safety.

HEALTHCARE

With countless staff accessing patient data or transferring large files across an all-digital system, medical professionals are more reliant than ever upon secure mobile networks. Improved cell signal can also improve the patient and visitor experience by speeding up the check-in process, streamlining communication, and getting updates without ever compromising confidentiality.

HOSPITALITY

Whether guests are seeking a relaxing vacation or embarking on an important business trip, reliable cell reception has become a vital amenity. Without it, guests have trouble making calls, booking travel, confirming reservations, and staying connected to loved ones at home. Better signal also boosts a hotel's operational efficiency for bookings, check-outs, payment, and more.

MANUFACTURING

Today's industrial facilities rely on digital technology and network connections to power their operations in real time. Safety mechanisms and logistics systems that connect with cellular networks are more reliable. Reliable signal helps keep daily operations on track throughout the plant; keeping employees connected, orders fulfilled, and inventory replenished as needed.

M2M/IOT

From warehousing and telemetry to smart appliances and driverless vehicles, cellular networks make all kinds of IoT applications possible. But it requires a dependable connection to ensure the efficient and effective data transfer. This enables real-time notifications for things like low inventory or equipment failure; so businesses stay profitable and customers remain satisfied.

PROPERTY MANAGEMENT

Current and prospective tenants now expect solid cell coverage—along with all the network accessibility and luxury amenities that go with it. Not having it can often make or break a new lease or mortgage contract. Better coverage can help make your property more competitive on the market, streamline day-to-day administrative operations, and improve security protocols.

RETAIL

Modern shoppers expect an interconnected shopping experience. One with ready easy access to digital coupons and the ability to send messages or make calls to ask friends for purchasing advice. Reliable cellular connectivity also ensures a smoother check-out process for staff; with fast, yet secure access to customer profiles and rewards data through point-of-sale systems.