

# COMPREHENSIVE 4G/5G SOLUTIONS

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FROM WILSON ELECTRONICS



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St. George, Utah 84790

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Cottonwood Heights, Utah 84121

## Company Overview

Wilson Electronics is an industry leader and pioneer in cellular repeating solutions. We're proud to partner with T-Mobile to bring their quality outside cellular signal indoors. Delivering a comprehensive portfolio of products we can provide a high quality cellular experience whether in a vehicle, a home or your business. Utilizing carrier agnostic technology we ensure all your customers can utilize their mobile devices on T-Mobile or other carrier networks.

What about 5G? Wilson Electronics products already support current 5G technologies and as new 5G technologies are made available we're already prepared with products that will allow you take full advantage of these higher cellular performance standards. We have carrier specific 5G products like the 710i that specifically repeats T-Mobile cell signal.

We take pride in our mission to 'connect everyone, everywhere'. As a US based manufacturer and industry leader we worked closely with carriers and the FCC to develop signal repeater standards.

- US manufacturer and winner of Utah's Best Company to work for ('17, '19, '20)
- 5G Compatible products and solutions
- Signal Repeater Innovator & IP Leader, drove FCC Part 20.21 Standards
- Market Share Leader in All Product Categories:



- Kitted Solutions for DIY or professional installation
- Consumer and Commercial kits
- Residential, Vehicle, SMB



- Customized and configured solutions
- Remotely monitor and manage performance
- Commercial / Enterprise / SMB / IoT



Commercial Fleets



Nationwide residential and SMB installation included



Commercial solutions ranging from SMB to Enterprise



To date, Wilson Electronics has sold over 2.6 million products to improve cell signal coverage.



Wilson Electronics establishes itself as a leading innovator with 80+ U.S. patents in the industry.



For more information, visit [wilsonelectronics.com](https://wilsonelectronics.com)

# WilsonPro Enterprise Line

Solving In-Building Cellular Connectivity for Business

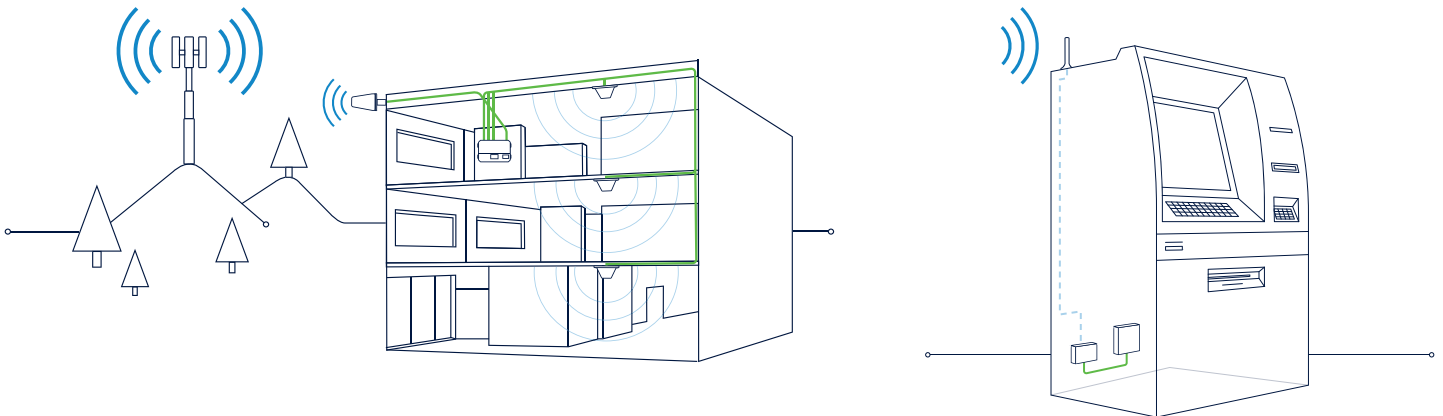
## ABOUT WILSONPRO | PROFESSIONAL-GRADE CELLULAR SIGNAL AMPLIFIERS

Whether it's manufacturing or healthcare, retail or hospitality, sales or management—or virtually any industry in between—mobile devices are critical to job performance at almost any organization.

WilsonPro offers commercial solutions for cellular signal enhancement. Our professional-grade amplifiers work with T-Mobile to ensure you get the best signal possible.

Our FCC-approved WilsonPro systems are well-suited to overcome any connectivity challenges specific to your building—from an office high-rise to an industrial warehouse. Reliable cell signal can mean increased productivity, greater customer satisfaction, improved security, and much more.

Connecting everyone, everywhere.







## The Key Characteristics of WilsonPro Cellular Signal Repeaters

- Support all mobile devices.
- Simultaneously boost signal for multiple users.
- Self-regulating; no need to retune for best signal.
- Nationwide network of certified installers available.
- The nation's only FCC-certified inline amplifier; featuring the longest cable run (w/o signal loss) in the entire industry.
- Built in the U.S. and backed by U.S. customer support.
- The only true cloud-based remote monitored amplifier with remote system management, real-time cell signal measurements, and firmware updates.
- The industry's only multi-port output amplifier; resulting in the largest coverage area possible from a single amplifier.
- The only cell signal amplifiers to offer Multi-Tower Targeting (MTT) Technology; featuring our industry-first, three donor antenna port configuration.

# Enterprise Comparison

Give Your Coverage a Boost

-  More reliable cellular signal.
-  Boosts all available cellular network speeds.
-  Works with all carriers and cellular devices.
-  Extends battery life.



## REMOTE MONITORED AND MANAGED SOLUTIONS: WILSONPRO CLOUD

	Enterprise 1300	Enterprise 1300R	Enterprise 4300	Enterprise 4300R	Pro 710i
RANGE SQ. FT.	<40,000*		<100,000*		<100,000*
SERVER PORTS	1 server port		4 server port		2 server port
DONOR PORTS	3 donor ports		3 donor ports		2 donor ports
UPLINK	26 dBm		26 dBm		25 dBm
DOWNLINK	17 dBm		17 dBm per server port		25 dBm
CASE STYLE	Wall Mount	Rack (2U)	Wall Mount	Rack (2U)	Wall Mount
RF CONNECTOR	50 Ohm 'N'				
NETWORK SCANNING	No		Yes, Network scanning: scans for cell signals and reports signal strength (RSRP) and quality (RSRQ) for major cell carriers in the US and Canada.		No
MTT	Yes		Yes		No
XDR	Yes				

\*Depending on outside signal conditions and inside antenna configuration.

# weBoost for Business Line

## We're Raising the Bar on Cell Signal Coverage

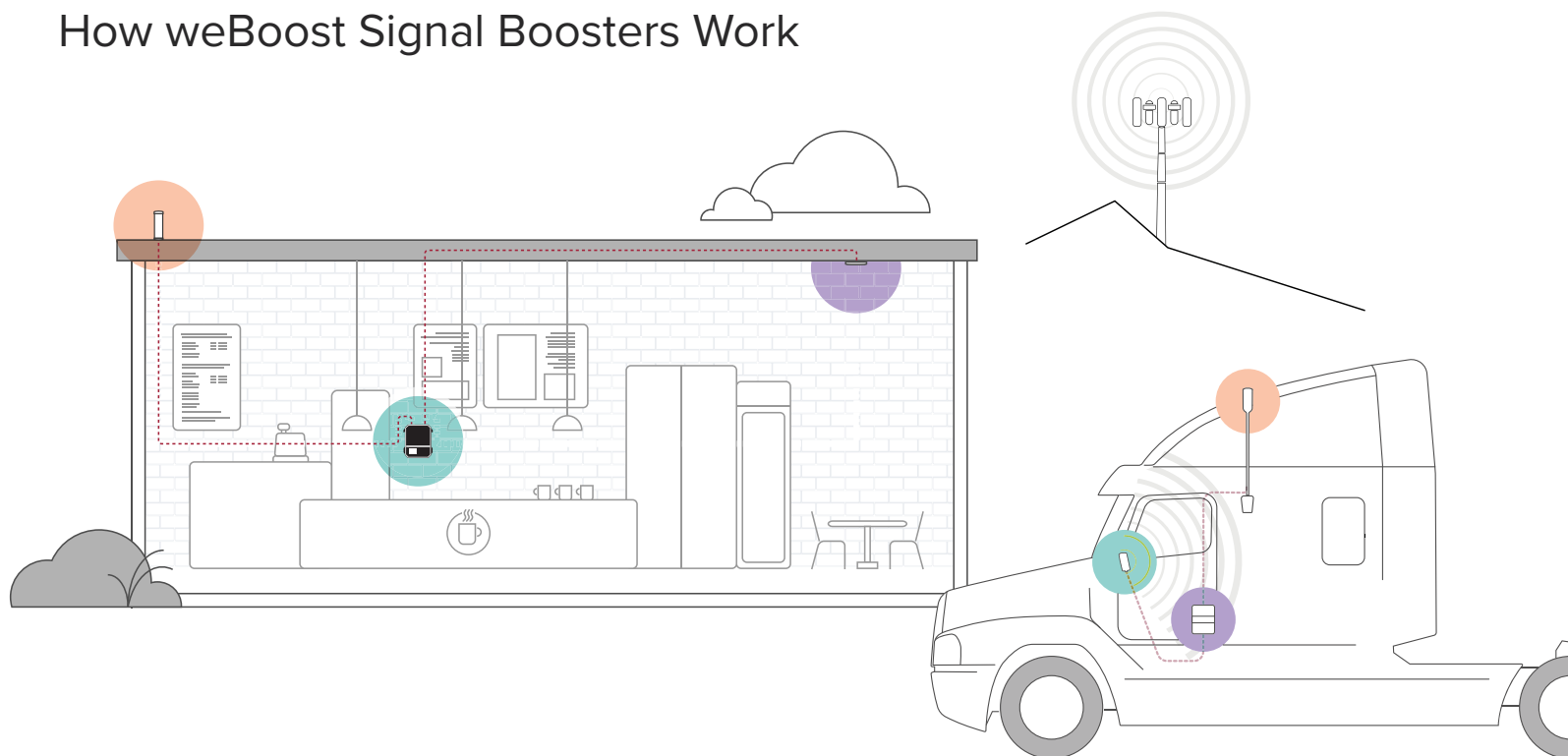
weBoost is the leading manufacturer of commercial-grade cell signal boosters for small business. From the office to the road to the warehouse, our boosters are designed to provide your business with the most powerful cell signal possible.

weBoost cell signal boosters share these great features:

- Stops dropped calls and missed messages while improving streaming
- Supports all cell phones and devices on T-Mobile
- Simultaneously boosts signal for multiple users



## How weBoost Signal Boosters Work



1

### OUTSIDE ANTENNA

Cell signal is received from the tower and transmitted to the booster.

2

### BOOSTER

The cell signal is boosted by the booster and sent to the inside antenna.

3

### INSIDE ANTENNA

The inside antenna broadcasts the improved cell signal throughout your workspace.



# weBoost for Business Comparison

## WEBOOST FOR BUSINESS | OFFICE SOLUTIONS

	Office 100		Office 200		weBoost Installed   Office 200
IMPEDANCE	50 Ohm	75 Ohm	50 Ohm	75 Ohm	75 Ohm
MODEL	472060*	473060*	472047*	471047*	473047*
INSTALLATION	DIY		DIY		Professional Installation Included
COVERAGE AREA	Recommended up to 8,000 sq. ft. Rated up to 25,000 sq. ft.		Recommended up to 13,000 sq. ft. Rated up to 35,000 sq. ft.		Recommended up to 15,000 sq. ft. Rated up to 35,000 sq. ft.
ANTENNAS	1 High-profile Inside Antenna 1 Omni Plus Outside Antenna		1 Low-profile Inside Antenna 1 Omni Plus Outside Antenna		2 Low-profile Inside Antennas 1 Omni Plus Outside Antenna

## WEBOOST FOR BUSINESS | FLEET SOLUTIONS

	Drive X Fleet	Drive Reach Fleet	Drive Reach OTR Fleet	Drive Reach Flex Fleet
MODEL	473021*	470254*	471254*	478061*
INSTALLATION	Professional Required	Professional Required	DIY	Non-permanent Installation
PERFORMANCE	Better Talk/Text/Data	Max Performance	Max Performance	Max Performance
ANTENNA	Fixed NMO	Fixed NMO	Adjustable OTR	Magnetic/Adhesive NMO

 **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# Our most powerful DIY solution for small business owners.

Introducing weBoost's newest high-performance commercial-grade amplifier.



OFFICE 200  
50 OHM | 75 OHM  
472047 | 471047



weBoost **Office 200** is a powerful amplifier solution for small-to-medium businesses looking to immediately improve cell signal.

## Office 200:

- Enables everyone inside the business to enjoy fewer dropped calls, uninterrupted texts, better voice quality, improved hotspot capability, faster internet speeds, better streaming, and more.
- Is 5G compatible and improves cell signal of devices using T-Mobile network.
- Is backed by an industry-leading 3-year manufacturer's warranty and a 30-day money-back guarantee.
- Meets all FCC guidelines and won't interrupt or harm any cell carriers' signals to and from the cell tower.

## KEY FEATURES

weBoost products support the latest in 5G technology.



Commercial-grade amplifier solution designed for offices, retail establishments, restaurants, warehouses, and other small businesses.



Recommended for improving cell signal across 12,000 sq. ft. Rated for up to 35,000 sq. ft. in ideal conditions.



Color LCD touch screen for greater control and usability.




All components needed for DIY installation are included.



For more information, visit [wilsonelectronics.com](https://www.wilsonelectronics.com)

## SPECS



	NAME	MODEL	USERS	BANDS	MAX UPLINK POWER	MAX DOWNLINK POWER	MAX GAIN
	Office 200	50 Ohm (472047) 75 Ohm (471047)	Multiple Users	12/17 13 5 4 25/2	Up to 25 dBm	Up to 15 dBm	70 dB

## WHO IS MOST LIKELY TO USE THIS PRODUCT?

- A small-to-medium business owner needing to improve cell signal in an office or retail space up to 12,000 sq. ft.
- A business owner seeking an amplifier for a warehouse or other open interior space up to 35,000 sq. ft.

## IDEAL USE-CASE SCENARIO

For small-to-medium business owners looking for a powerful, DIY solution to immediately improve cell signal.

## INSIDE THE BOX

All components needed for complete do-it-yourself installation are included in the weBoost Office 200 amplifier kit. However, you may also need a drill and RTV sealant to route the provided coax cable from the outside to the inside. Some of the included parts\* are listed below:

1. Omni Plus Outside Antenna
2. Office 200 Amplifier
3. Power Supply
4. Inside Low Profile Dome Antenna
5. Lightning Surge Protector
6. Low-Loss Cable
7. 2ft Low-Loss Cable



Items shown are for the Office 200 50 Ohm



# Strengthen cell signal fast.

Introducing weBoost's powerful, turnkey amplifier solution for business.



weBoost Installed | Office 200  
473047



PROFESSIONAL INSTALLATION INCLUDED



**weBoost Installed | Office 200** is our best-in-class amplifier solution designed specifically for small and medium-sized businesses and offers complete, professional installation anywhere in the US.

weBoost Installed | Office 200:

- Enables everyone inside the business to enjoy fewer dropped calls, uninterrupted texts, better voice quality, improved hotspot capability, faster internet speeds, better streaming, and more.
- Is 5G compatible and improves cell signal of devices using T-Mobile network.
- Is backed by an industry-leading 3-year manufacturer's warranty and a 30-day money-back guarantee.
- Meets all FCC guidelines and won't interrupt or harm any cell carriers' signals to and from the cell tower.

## KEY FEATURES

weBoost products support the latest in 5G technology.



Our most powerful commercial-grade amplifier solution with two low-profile inside antennas for extended coverage.



Recommended to improve cell coverage across 15,000 sq. ft. Rated for up to 35,000 sq. ft. in ideal conditions.



A color LCD touch screen provides greater manual control and usability.




Instructions to schedule professional installation right away are included.



For more information, visit [wilsonelectronics.com](https://www.wilsonelectronics.com)

## SPECS

	NAME	MODEL	USERS	BANDS	MAX UPLINK POWER	MAX DOWNLINK POWER	MAX GAIN
	weBoost Installed Office 200	473047	Multiple Users	12/17 13 5 4 25/2	Up to 25 dBm	Up to 15 dBm	70 dB

## WHO IS MOST LIKELY TO USE THIS PRODUCT?

- A business owner in need of a commercial-grade amplifier solution for an office or retail space between 15,000 to 35,000 sq. ft.
- A business owner who wants to quickly improve cell signal in their space with complete, professional installation.

## IDEAL USE-CASE SCENARIO

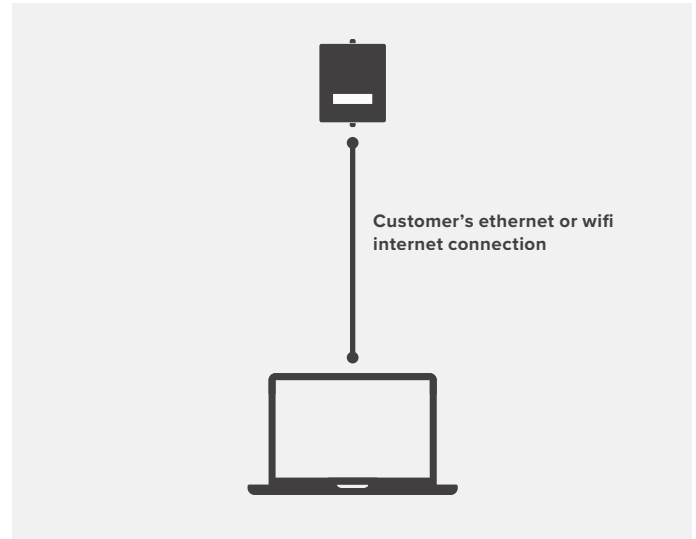
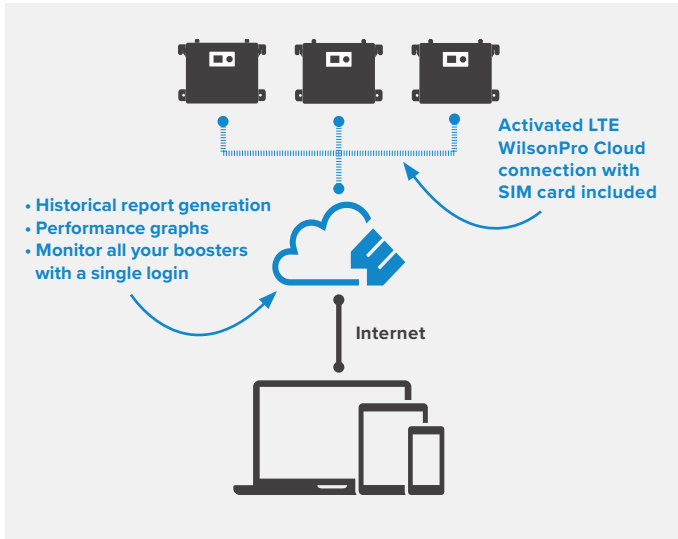
For business owners looking for a best-in-class solution to easily and rapidly improve cell signal.

## ITEMS USED IN INSTALLATION

All components required for professional installation are included. The installer will provide all necessary coax cables and a lightning surge protector.

1. Omni Plus Outside Antenna
2. weBoost Installed | Office 200
3. Power Supply
4. 2-Way Splitter
5. 2x Inside Low Profile Dome Antennas





### WilsonPro Cloud - True Cloud Connectivity

**INSTALLATION - LTE OR ETHERNET CONNECTION:** After the amplifier is installed, simply log into your WilsonPro Cloud account and scan the QR code of the new amplifier. The amplifier is added to your WilsonPro Cloud account and immediately begins communicating via the donor (outside) antenna. Optionally, customer's ethernet connection can be used in cases where this is permitted by the customer.

**CONTINUOUS MONITORING:** WilsonPro Cloud continually monitors all registered amplifiers, recording performance statistics every 5 minutes. Included is a database of historical amplifier performance. This allows the installer to see how the amplifier was performing the day it was installed or any moment in-between.

**NOTIFICATIONS:** Cloud will notify you if an amplifier goes "offline", is powered off, or experiences signal issues

**REPORTS:** Cloud will generate reports, which can be shared with end-users, if desired.

**MULTIPLE CONNECTIONS:** "Dashboard" view shows historical performance of all of your customers on a single screen. Check in on all of your customers with a single glance.

**STABILITY:** The amplifiers will continue to communicate with the Cloud, even if their IP address changes.

### Peer to Peer Connection

**INSTALLATION - ETHERNET OR WIFI:** Requires access to use your customer's internet connection, and a static IP address. Most customers will push back on this for security reasons. The famous **Target Stores security breach** was a result of an insecure remote monitoring setup.: "[The HVAC company] apparently had access rights to Target's network for carrying out tasks like remotely monitoring energy consumption and temperatures at various stores."

**LOGIN MONITORING:** The competitors peer to peer system has the installer log into each individual amplifier separately. The installer can only monitor what the amplifier is doing while logged on at that particular moment, there is no historical data available for review when troubleshooting.

**NO OFFLINE NOTIFICATIONS:** If amplifier goes off-line or is powered off, no notification is possible

**NO REPORTS:** Does not generate reports of historical data, it's not available.

**SINGLE CONNECTION:** Can only log into one amplifier at a time. Checking in on all of your customers amplifiers could take hours. No performance history is available.

**IP DEPENDANT:** If the IP address of the amplifier changes, connection to the amplifier will be lost. New IP address will need to be identified, so that amplifier connection can be re-established.

The **WilsonPro Cloud** was specifically designed to take the current remote monitoring technology a step further. Our technology is the best choice for integrators who want a true cloud monitored amplifier that gives them reliable data 24/7 with a secure LTE connection.



# CONTACT US

To learn how we can help address your 5G coverage needs



Wilson Electronics  
800-871-1612  
Monday to Friday

