

# CASE STUDY



## zBoost Increases Productivity at Remote Office Location Employees No Longer Make a Run for It to Answer Calls or Truck It For Data

### Challenge

Pro Comm Solutions has a large natural gas producer client with numerous remote locations that require cell phone and Internet service. One particular location has extremely weak cell phone coverage and due to the remote location relies on cell phone for both voice and data services.

The building is an ATCO office trailer with metal siding which also creates a hindrance to using their cell phones. To receive cell phone calls the client was leaving their cell phones in their trucks hooked to a booster and using a Bluetooth headset to make and receive calls. This resulted in several missed calls a day. In addition, to send and receive emails, they would take their laptops to their trucks. This was causing a problem with receiving information in a timely manner.

### Solution

Pro Comm Solutions installed a zBoost YX545. They installed the antenna on the edge of the roof and the booster near the middle of the building. The signal strength outside of the building and on top of the roof was -101 Db and inside the building there was minimal signal and no usable service. After the installation, the client experienced a signal of -77 Db inside the building.

Pro Comm Solutions then installed a Telus smart hub and tested the speed. They were getting download speeds of approximately 6.5MB/s and upload speeds of approximately 2.5Mb/s. They are now able to log into the company's network and information is received and sent in a timely manner. Phone calls are no longer being missed or dropped. The client was extremely impressed and is interested in installing additional units in some of their other locations.



### Company Overview

Pro Comm Solutions is a communications company specializing in wired and wireless solutions for its clients. Pro Comm Solutions acts as trusted advisors for mobility, business solutions, telephone systems, data networks, structured cabling, paging and Network Solutions (Telus).

## Benefits

- Increases indoor signal coverage-up to 3000 sq ft
- Supports multiple users simultaneously
- Compatible with all U.S. carriers and mobile devices using 800 & 1900 MHz (except Nextel/iDEN or 4G, 2100MHz phones)
- Increases voice and data transmission
- Decreases dropped or missed calls
- Easy to set up
- No cradle or connections to your phone
- Extends phone battery life (uses less power when signal is stronger)
- Protects the carrier network using patented technology

Pro Comm Solutions found the zBoost solution extremely easy to install. With excellent performance and a reasonable price, Pro Comm Solutions is highly recommending the zBoost solution to its clients.

## zBoost Products Used

zBoost YX545 cell phone signal boosters extend a Cell Zone™ for multiple users and all devices operating on 800 and 1900 MHz frequency bands except those using Nextel/iDEN, 4G or 2100MHz. zBoost SOHO boosts signal up to 3000 square feet.

For larger spaces, zBoost offers the zBoost Commercial Solutions Division Kits System available for coverage areas up to 20,000 and 40,000 square feet. The kits include all of the components for a complete system solution whether for commercial environments or large residential applications and utilize the proven zBoost technology from Wi-Ex to improve cell phone voice and data signals.