



How a county engineering team in Minnesota found a solution to multi-office communication requirements, which helped other departments during building renovations and office relocations.

The Problem: *A communication link connecting an engineering office and a maintenance equipment facility for Freeborn County, Minnesota, needed to span several lakes, the city of Albert Lea and Interstate 90 – resulting in a host of communication problems.*

The Solution: *County engineers contacted Com-Tec Land Mobile Radio, which introduced the easy-to-install Motorola Canopy™ broadband wireless system. The solution flawlessly transmitted phone, data and Internet service across natural and man-made obstacles.*
www.comtecwireless.com , www.motorola.com/canopy

The Result: *Com-Tec not only had the Canopy system deployed in one day to meet the engineer's multi-office communication needs, but also assisted other Freeborn County department's who needed to stay connected while relocating during building renovations.*

Background

Freeborn County office buildings were being renovated, which led to several departments being relocated for an extended time throughout the Albert Lea area. The county engineers cheered the relocation initially as their temporary offices were placed next to their maintenance facility. They hoped the new location would improve communication transmissions. It didn't! The engineers called on a reliable partner to help: Com-Tec Land Mobile Radio. Com-Tec demonstrated the flexibility of Motorola's Canopy broadband multi-point system and its low maintenance and set-up costs. Not only did Com-Tec sell the engineers on Canopy, but also helped county decision-makers understand broadband systems and how Motorola Canopy can be used throughout its offices. Initially, Canopy equipment was installed on an existing 180-foot high tower at the courthouse and on a utility pole at the engineer's maintenance facility. Employees at both locations stayed connected via voice over Internet protocol (VoIP) and a wireless Internet network. When the Planning and Zoning Department needed to relocate from the courthouse to the county fairgrounds, Com-Tec set-up another Canopy backhaul system at the fairgrounds providing a short-term and long-term solution that saved the county time and money.

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Beyond Wireless is a regular media alert that is intended to illustrate a unique deployment of Motorola's Canopy wireless broadband technology. Our goal is to assist you as you develop current and future story ideas depicting the evolution



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