



RADWIN JET PtMP Deployed by Leading ISP in Nebraska

ATC Communications in Nebraska is amazed by JET's interference mitigation capabilities

Customer

ATC Communications, a leading service provider in Nebraska, U.S.

Customer Requirements

Provide high-capacity broadband connectivity with assured SLAs to businesses and residential customers throughout Nebraska.

Why RADWIN JET PtMP?

ATC Communications has been using the RADWIN 5000 Point-to-MultiPoint (PtMP) equipment since 2014 to provide service packages of over 25 Mbps to its customers.

In Q2 2015, ATC Communications started deploying RADWIN JET PtMP.

What ATC Communications appreciates about RADWIN JET:

- » Frequency re-use capability – allows ATC Communications to utilize the scarce 3.65 GHz band with greater efficiency and significantly boost network capacity.
- » Interference mitigation – JET overcomes 3rd party and selfinterference.
- » Smart beamforming antennas - ATC had limited tower space, but thanks to JET's smart antenna technology it could co-locate base stations less than 1m apart, even though they use the same frequency channel.
- » Carrier-grade quality.
- » Fast and simple installation.
- » Operation in near and non line-of-sight environments.
- » Durable - IP67 radios withstand extreme temperatures.



RADWIN JET Point-to-MultiPoint is a true game changer in the wireless industry, radically improving network performance by enhancing capacity, range, robustness and stability.

“Hands down, RADWIN JET's technology is superior to anything we've ever worked with in the past.”

John E. Koller
General Manager, ATC Communications



SERVICE PROVIDER Case Study

RADWIN JET Highlights

- » Base station with smart beamforming antenna
- » Up to 250 Mbps per sector, 1 Gbps per cell (4 sectors using 2 x 40 MHz)
- » Variety of MIMO subscriber units - 10, 25, 50 Mbps (upgradable to 100 Mbps)
- » Guaranteed SLA per end-user
- » Multi-band radio - 3.3-3.8 / 3.65 GHz or 5.1-5.8 GHz in the same unit
- » Long range – 40 km / 25 miles
- » TDD radio synchronization for greater radio capacity
- » Small form factor
- » Backward compatible



“RADWIN JET is a unique platform in many ways. The solutions are fast and simple to install and enable us to deliver high speed connectivity that exceeds customer expectations.”

Don McCorkle
Information Systems Engineer
ATC Communications

RADWIN

About RADWIN

RADWIN is a leading provider of wireless Point-to-Point, Point-to-Multipoint and FiberinMotion® radios for wireless broadband-in-motion. RADWIN's solutions deliver voice, video and data with unmatched high-capacity and are deployed in over 170 countries.



About ATC Communications

ATC Communications provides state of the art telecommunication services and high-speed internet.

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