



Case Study: **Public Safety Connectivity**

US Fire Department Chooses RADWIN for Mission-Critical Needs

The Arvada fire department in Colorado, US, chose RADWIN's wireless links to connect its headquarters to remote fire stations. Prior to installing RADWIN's equipment, the fire department had been leasing T1 lines and paying tens of thousands of dollars per year.

The Arvada fire department worked with system integrator TelWorx, who recommended establishing a wireless-based network using RADWIN's equipment. After installing RADWIN's radios, the fire department "couldn't be happier with the high capacity and reliability of the links."

RADWIN enables organizations to build private networks and control their network connectivity. RADWIN's links eliminate recurrent leased lines charges, and meet the mission-critical voice, video and data connectivity needs of First Responders such as Fire, Police and Emergency services.





“ We chose RADWIN links because they represent a compelling price/performance offering, and couldn't be happier with our decision.”

Scott Winberg, IT Specialist
Arvada Fire Department, Colorado, US

Customer: Arvada Fire Department, Colorado, US

Customer Requirements: Connect fire stations over a wide geographical area to headquarters. Chosen solution had to be carrier-class and provide high-speed, long-range connectivity to satisfy mission-critical communications needs.

RADWIN Solution: A combination of WinLink 1000 and RADWIN 2000 L-Series wireless links were used in this project to connect the Arvada fire stations to HQ.

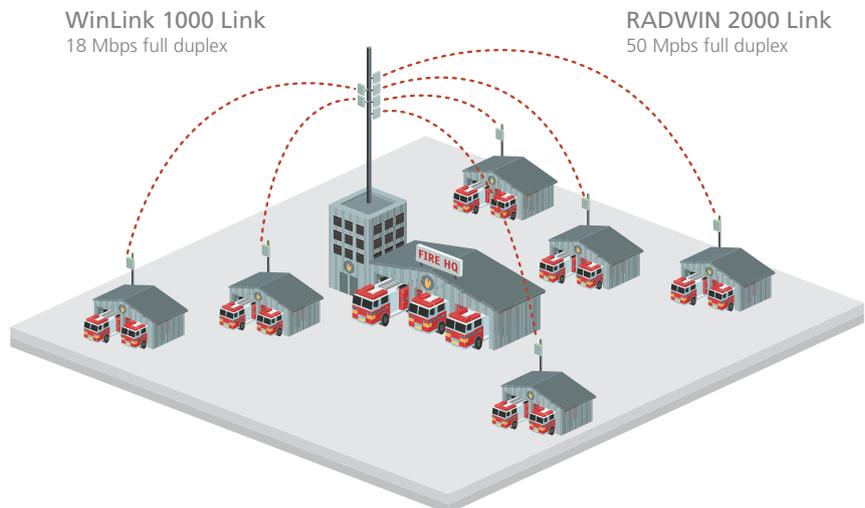
RADWIN's systems were deployed in a Multiple Point-to-Point configuration, whereas links deployed in one hub site deliver dedicated bandwidth to the multiple fire stations in the area.

The Arvada fire department was able to achieve maximum capacity: 50 Mbps full duplex from the RADWIN 2000 L-Series links, and 18 Mbps full duplex on all hops with Winlink 1000.

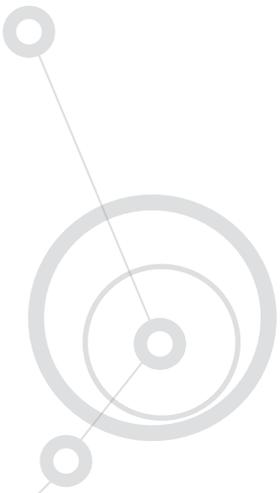
Customer Viewpoint: Scott Winberg, IT specialist at the Arvada fire department said: "We had previously looked at a licensed radio network, but found it was too expensive and that it would take years to recoup our investment. We then decided to evaluate license-free wireless broadband systems and ultimately chose RADWIN's links because they represent a compelling price/performance offering. Today, following the deployment of RADWIN's radios, we couldn't be happier with the results."

Benefits of RADWIN's Wireless Broadband Solutions:

- High capacity connectivity - up to 200 Mbps
- Long range – up to 120 Km/75 miles
- Robust & reliable – withstands the toughest environmental conditions
- Voice & Data solution – up to 16 E1s/T1 + Ethernet. A single link accounts for all your telephony and data needs
- Multi-band radio supports multiple frequency bands, including 4.9 public safety band
- Extremely fast and simple to install
- Highly competitive price



Arvada Fire Department HQ and RADWIN's links radiating from it in Multiple Point-to-Point configuration



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