Military organizations know the value of using broadband wireless to provide secure high-quality video, data and voice services in evolving theater operations and on permanent base installations.

Redline’s FIPS 140-2 certified systems deliver secure, affordable communications that can be deployed quickly to solve connectivity issues, to establish battlespace dominance, and to improve overall operational capability. Redline combines broadband wireless systems with specialized software to create a powerful, versatile and reliable network optimized for military operations.

**TACTICAL OPERATIONS**
The light weight and small size of Redline’s systems simplifies logistics when providing reliable and secure voice, video and data communication in austere forward operating areas. Redline provides the only commercial off-the-shelf (COTS) broadband wireless system that can be software configured as PTP and PMP to further simplify logistics, streamline training and lower costs.

**RANGE DEPLOYMENTS**
Improve accuracy and performance in range operations. Redline’s high throughput, non-line-of-sight wireless systems interconnect remote range assets such as cameras, sensors and Wi-Fi clouds over difficult topographies and in harsh environments.

**GARRISON**
Use the high capacity, long range and low latency of Redline’s systems to provide connectivity between buildings, to track RFID tagged assets and to enable Internet access for Morale Welfare and Recreation (MWR) on permanent base installations.

**NOMADIC COMMUNICATIONS**
Redline’s RAS Nomadic Platform extends high-speed wireless IP to movable and roving assets. Purpose built for tough applications, the RAS mounts quickly and easily on movable equipment and vehicles. With zero-touch setup, simply power-on the RAS to automatically aim the solid-state antenna and establish secure wireless access in seconds.
WHY REDLINE WHEN YOU WANT TO GO WIRELESS IN MILITARY OPERATIONS

MOST POWERFUL With the extreme range, high throughput and very low latency, Redline wireless networks transport demanding applications such as streaming media, providing real-time situational awareness and force protection.

MOST STRINGENT SECURITY Redline is the only broadband wireless company offering AES-256, X.509 authentication and FIPS 140-2—the stringent security required by the federal government and military customers.

EXCEPTIONALLY VERSATILE Redline’s software defined common wireless system simplifies network design and logistics. With a simple software download, Redline systems can be configured as point-to-point or point-to-multipoint or they can be set up to add specialized applications to your existing system, from backhaul to video surveillance, from high performance to ultra-high performance.

LOWEST LIFETIME COST Powerful wireless systems and high reliability combine with over-the-air software updates to deliver the industry’s lowest lifetime cost. There is no need to replace hardware as your needs change.

“...The Marine Corps Wireless Point-to-Point Link (WPPL) program had a long-standing requirement to add a certified FIPS 140-2 transmission encryption capability in order to ensure completely secure wireless communications. Redline’s high-security, validated AN-80i broadband wireless radio makes this critical feature a reality.”

Major William Cornell, USMC

ABOUT REDLINE

Based in Toronto, Ontario, Canada with offices in Montréal, Miami, Mexico City, Cape Town and Dubai, publicly traded Redline Communications is a leading manufacturer of specialized outdoor broadband wireless systems used to cost-effectively deploy distributed applications and services. For more information visit www.rdlcom.com

NO COMPROMISE

No matter how challenging the situation, how complex the network, or what future applications you may add, Redline’s broadband wireless systems deliver uncompromising performance in the toughest environments.

TOTALLY RELIABLE With a Mean Time Between Failures of 29 years, and a ruggedized, hardened and marine-ready design, Redline’s technology provides uninterrupted communications in the harshest environments. Reliable communications in tough interference conditions are assured with Redline’s advanced error correction.

EASILY DEPLOYED Redline’s small size, light weight and non-line-of-sight operation simplifies logistics and installation. Deploy where you want and when you want. Low power consumption allows systems to be powered over the Ethernet cable (PoE). The systems can also easily be powered by solar, wind or battery sources in remote locations, speeding deployment and saving hundreds of dollars on installation costs.

“Incorporating the AN-80i enabled us to establish a Brigade Combat Team wide network across 90% of our C4I nodes from Brigade to Battalion to Company to Observation Post levels. This allowed us to use our FDMA and TDMA satellite linkage only as secondary, redundant communications. ...Every tactical company in a Brigade Combat Team should have at least one Redline broadband wireless radio system as part of its MTOE.”

Major Timothy Hardy U.S. Army 10th Mountain Division