TOTAL TEAM AWARENESS IN ANY SITUATION

Today’s battlespace is increasingly mobile — but access to situational awareness applications like ATAK typically ends when the connection to a centralized network is lost. goTenna Pro X2 allows every team and every operator at all levels to use fully off-grid mesh networking capabilities so they can stay agile and informed throughout the entire mission.

A MOBILE MESH NETWORKING PLATFORM BUILT FOR THE MODERN TACTICAL OPERATOR

GOTENNA PRO DEPLOYMENT KIT 2
A compact and ruggedized software application server, storage case, and power bank for up to 30 Pro X radio devices.

GOTENNA PRO X2
A 5-watt, tunable VHF*/UHF mesh networking radio device that weighs less than 3oz.

SITUATIONAL AWARENESS APPS
Native and compatible software applications maintain functionality for PLI updates, map marking, and text-based messaging when paired to goTenna devices.

*VHF is intended for fixed and mobile antenna mounting configurations. For other configurations, including portable, please contact goTenna.

CORE DESIGN PRINCIPLES

LOW-COST
Significantly less than traditional radios

LOW-POWER
Up to 9 hours per charge during standard usage

LONG-RANGE
Up to 6 hops across devices

EASY-TO-USE
Deploy within minutes

PROGRAMMABLE
Custom third-party integrations via SDK

SECURE
End-to-end PKI encryption
From training environments to disaster relief zones and combat theaters, goTenna Pro X2 enhances command-level decision-making and teamwide situational awareness with access to real-time soldier information.

EXTEND THE EDGE OF CONNECTIVITY

Position devices on aircraft and jumpers to maintain communications in freefall.

Maintain connectivity in congested, typically cell-denied areas as well as in and out of buildings.

Monitor dismounted soldiers in remote locations.

Breadcrumb relay devices along RF-denied routes in caves, tunnels, and underground structures.

Bridge an off-grid mesh network to centralized LTE, satellite, and supplementary radio systems.

Set relay devices on UAVs, weather balloons, or other high ground positions to maximize range.

“It is not every day that entirely new classes of radios are invented... These innovations present a powerful opportunity to radically change up legacy thinking about what might be possible at the tactical communications edge.”
ABOUT GOTTENNA

goTenna is the world’s leading mobile mesh networking company and provider of off-grid connectivity solutions for smartphones and other devices. In the public sector, goTenna’s innovative mesh networking protocol is embedded into lightweight, low-cost tactical radio devices and paired with easy-to-use mobile apps enabling mobile, long-range connectivity even without cell, wifi, or satellite.

The goTenna vision to create a resilient communications system was ignited during Hurricane Sandy in 2012, when approximately a third of cell towers and power stations were knocked out. Based in Brooklyn, goTenna now supports mission-critical law enforcement, public safety, and defense operations around the world.