TOTAL TEAM AWARENESS IN ANY SITUATION

Today’s operating environment is increasingly mobile — but the ability to maintain situational awareness 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 OFF-GRID OPERATIONS

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 location tracking, map marking, and text-based messaging when paired to goTenna devices.

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

*VHF is intended for fixed and mobile antenna mounting configurations. For other configurations, including portable, please contact goTenna.
From rapidly evolving wildland fires to austere rescue missions, goTenna Pro X2 enhances command-level decision-making and teamwide situational awareness with access to real-time firefighter information.

EXTEND THE EDGE OF CONNECTIVITY

Position devices on aircraft and crew members on the fireline to maintain air-to-ground communications.

Ensure redundant connectivity in and out of buildings and other congested cell areas.

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

Monitor dismounted firefighters in remote locations.

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

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

“Before [goTenna Pro X], honestly, in a disconnected environment in the early stages of a fire, we were left to our own devices.”

- Battalion Chief, CAL FIRE
ABOUT GOTEANNA

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.