

NEVADA COUNTY SHERIFF'S OFFICE

SEARCH AND RESCUE EVACUATION TEAM

Communication Enhancement Opportunity
through procurement of SatRunner System

Communication Gap Identified

- ▣ Many fires occur in very rugged terrain;
 - Radio coverage can be spotty
 - Cell and data service many times is non-existent

- ▣ Field Incident Command Post;
 - Can work offline, however;
 - ▣ Lose ability to share their compiled data with Sheriff Command Staff & County's Emergency Operations Center (EOC)
 - ▣ Cannot see real-time "tracks" for field units (Reduced safety)

SATRUNNER™

Critical Cellular and WiFi Communications via satellite

“Anytime... anywhere”

Benefits of SatRunner System

- ▣ Provides for radio, internet and cellular communication in remote areas of County
- ▣ Self reliant system by way of on-board generator power
- ▣ Rapid deployment of communication system and portable

SatRunner Features

- ▣ High Speed Satellite Internet
- ▣ Supports up to 62 connected devices
- ▣ Wi-Fi range of 1000 feet
- ▣ Cellular range up to ½ mile+ radius (1-mile bubble)
- ▣ Automatically meshes with Verizon cell towers
- ▣ Supports VoIP & RoIP
- ▣ 60 hour run time (on-board Honda generator)
- ▣ AT&T; Sprint; T-Mobile & FirstNet Wi-Fi calling
- ▣ Helicopter sling load capable

A Variety of Uses

- ▣ Evacuation scenarios (*Fires, floods, Hazmat*)
- ▣ PSPS events (*Support critical infrastructure*)
- ▣ Special Teams Deployments to remote locations (*Dive Team, SED, CINT, SAR*)
- ▣ Mutual Aid asset (*Local > Regional > State*)
- ▣ Back-up connectivity to Government buildings

Satellite Communication System



Compact and Rapid Deployment

Compact Rolling Chassis



Rapid Deployment



Who else uses these?

CAL FIRE / Butte County Fire



Who else uses these?

Cal OES



Who else uses these?

Butte County Sheriff (x2)

