

## CASE STUDY

# La Plata County, CO

## Wildfire Warnings & Evacuations

### Situation

The 416 Fire started June 1, 2018 approximately 10 miles north of Durango. The wildfire quickly grew to more than 8,500 acres, threatening hundreds of homes in northern La Plata County. The La Plata County Sheriff's Department needed a vehicle-mounted, long range voice broadcast system to issue mandatory evacuation orders that could be clearly heard and understood by residents.



### Problem

Most emergency warning systems sound sirens, but are incapable of broadcasting intelligible voice notifications that contain critical information and potentially lifesaving instructions.

Bullhorns and vehicle P.A. systems have limited broadcast ranges and poor vocal intelligibility..

### Solution

The Sheriff's Department mounted an LRAD long range communication system on one of its trucks and used it to broadcast highly intelligible, fire warnings and evacuation orders to residents living along U.S. Highway 550.



## WATCH VIDEO

Evacuation Orders Issued for 416 Fire

Courtesy of KMGH





## Genasys Protect

The **Genasys Protect Platform** provides a multi-pronged solution:

- **Genasys Protect ALERT** provides intelligent, location-based, multi-channel mass notification with real-time and modeled data, integrated zoning, automated sensor integration, and even optional integration with outdoor acoustic devices.
- **Genasys Protect EVAC** accelerates emergency response and management by facilitating decision making, cross-agency collaboration, and rapid responses through intelligent, zone-based mapping.
- **Genasys Protect CONNECT** provides secure, real-time communication and collaboration, addressing the strictest requirements of public safety agencies' communications. With security at its core, CONNECT ensures the integrity and reliability of every message, offering a robust platform for both internal and external communication and collaboration.
- **Genasys Protect ACOUSTICS** provide highly audible and clear voice messaging when emergencies arise, broadcasting long-range emergency response messaging outdoors, even when connections are down and the power is out.
- **Genasys Protect mobile app** provides a single authoritative source for the public during emergencies through seamless notifications, zone-based maps, and real-time resource information.

LRAD voice communication systems are self-contained and temporarily or permanently mounted on vehicles, boats or helicopters. Clearly heard and understood inside vehicles and buildings, and above background noise, LRAD systems deliver lifesaving notifications during emergency situations, including severe weather, wildfires, flooding, earthquakes, tsunamis, and other critical events.

### Genasys: Global Provider of Protective Communications Solutions

Protecting people and property for more than 40 years and covering over 100 Million people in more than 100 countries worldwide, including over 500 cities, counties and states in the U.S.

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