

# PacketHop and Golden Gate Safety Network (GGSN) Interoperability Communication Exercise

February 11, 2004

Organized by the Golden Gate Safety Network (GGSN)



## GGSN Mission

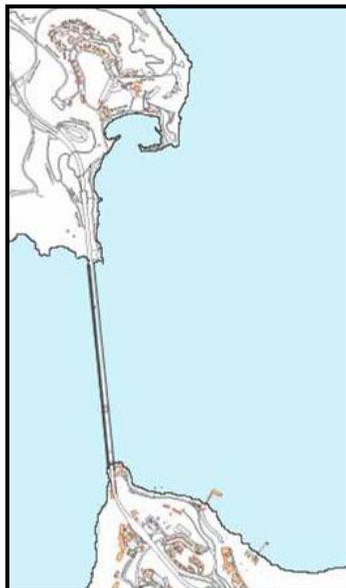
Develop a Regional Public Safety Communications plan that details the use of existing and new communications systems that will support a coordinated, interoperable, multi-disciplined response from local, state and federal agencies in support of day-to-day operations and incidents.

## GGSN Participating Agencies:

- California Governor's Office Of Emergency Services
- California Highway Patrol
- Marin County OES
- Marin County Sheriff
- National Park Service
- Presidio Fire Department
- San Francisco ECD
- San Francisco FD
- San Francisco PD
- US Coast Guard
- US Park Police

## PacketHop Device and Infrastructure Partners:

- 3eTI
- Panasonic
- TDI
- Itronix
- Proxim
- Xybernaut
- Intermec
- Symbol



## Exercise Overview:

The goal of the exercise was to create a survivable, packet switched, mobile broadband network on-the-fly enabling interoperable communications across multiple public safety agencies. The live event was held in the Golden Gate National Recreation area in California's Bay Area and was led by the Golden Gate Safety Network, which is a coalition of federal, state and local agencies.

The February 11, 2004 exercise utilized PacketHop's Mobile Mesh solution including a complete network system and a set of modular applications tuned specifically for mobile mesh networks.

## Challenges:

- Enabling over ten multi-jurisdictional agencies to instantly communicate
- Creating a mobile, broadband communication network on-the-fly
- Permitting roaming and mobility across all networks over rough terrain
- Instant provisioning of network with no dependence on fixed infrastructure
- Real-time remote participation by California's Governor's office in Sacramento using standard internet connections

## Results:

PacketHop's network solution and situation-aware modular applications enabled over 10 multi-jurisdictional agencies to instantly communicate on a secure, mobile broadband network. The company and its partners working with the GGSN agencies delivered a cost-effective solution using standards-based hardware and software solutions compatible with off the shelf devices.

Both the California Governor's Office of Emergency Services and the first responder agencies on the scene were able to share real-time intelligence in the field and share rich, mission-critical information enabling better coordination and management in the event of an incident.

For further information on the GGSN/PacketHop deployment, an interactive map, images from the event and quotes from GGSN participating agencies, please visit our website at [www.packethop.com](http://www.packethop.com)

