




## BEACON

Rapid Incident Response Management

Incident response teams protect people and communities from emergency situations, including natural or man-made disasters, through humanitarian relief efforts. Unfortunately, many of these teams lack the modern tools needed to fully capture and leverage the vast amount of data about a potential or ongoing incident. As a result, valuable time is lost to unnecessary manual data entry and analysis.

Geosite's Beacon application is designed to shorten the time between when a potential emergency scenario is detected to when responders hit the ground. This is achieved by better leveraging the extraordinary amount of data produced around every disaster, but that is often underutilized because it is not made actionable for responders.

### Geosite's Beacon application features:

- Data fusion and ingestion of distress alerts and natural hazards such as wildfires, flood zones, hurricane paths, and fault lines;
- In-platform collaboration tools for improved rescue coordination;
- Interactive map that enables drawing and measuring search areas or hazard zones;
- Notifications to flag incident updates;
- Automatic log entries based on user actions.

### CURRENT USE CASE:

The Air Force Rescue Coordination Center (AFRCC) is using Geosite's Beacon to modernize Search and Rescue (SAR) operations. Today, AFRCC triages distress calls, localizes the source, prioritizes immediacy, and parses local jurisdictions for response resources – at times a two hour process.

With Geosite, however, SAR controllers can quickly ingest, assign, review, and coordinate a SAR incident from any location, **reducing triage times to a matter of minutes** in the critical early moments of emergencies.

**FOR REVIEW**

- CONTROLLER: Ellie Sadler**  
INCIDENT ID: 21 I 1745  
RECEIVED AT: 09:43 8/22  
LOCATION: Walla Walla, WA  
Awaiting call back from registered owner. Appears to be an accidental trigger.
- CONTROLLER: Montgomery Muldoon**  
INCIDENT ID: 74 O 3890  
RECEIVED AT: 10:20 8/23  
LOCATION: Dallas, TX  
Aircraft presumed down 50 miles north of Dallas. 3 passengers on board.
- CONTROLLER: Alan Grant**  
INCIDENT ID: 98 S 2572  
RECEIVED AT: 13:00 8/23  
LOCATION: Green Bay Terrace, MO  
Stalled motorboat on Lake. Coordinates are 38.08431454100526, -92.79973612340277

**UNASSIGNED**

- Assign**  
INCIDENT ID: 23 B 6888  
RECEIVED AT: 04:14 8/19  
LOCATION: Lake Havasu, AZ  
Boat beacon triggered early morning on south Side of Lake Havasu.
- Assign**  
INCIDENT ID: 45 N 3333  
RECEIVED AT: 08:45 8/20  
LOCATION: Rancho Cucamonga, CA  
Personal device manually triggered.
- Assign**  
INCIDENT ID: 23 D 9890  
RECEIVED AT: 15:24 8/22  
LOCATION: Walla Walla, WA  
Military personnel MIA on rescue mission. 1 out 3 beacons offline.

**ACTIVE**

- CONTROLLER: Montgomery Muldoon**  
INCIDENT ID: 33 J 5734  
RECEIVED AT: 06:00 8/15  
LOCATION: Walla Walla, WA  
Small prop plane beacon reporting downed state. Injuries expected.
- CONTROLLER: Alan Grant**  
INCIDENT ID: 37 Y 4578  
RECEIVED AT: 12:45 8/20  
LOCATION: Walla Walla, WA  
Likely accidental trigger, but haven't received call from owner.
- CONTROLLER: Alan Grant**  
INCIDENT ID: 89 W 3456  
RECEIVED AT: 20:45 8/22  
LOCATION: Walla Walla, WA  
Accidental trigger. This case can be closed.

