

# RES-Q-CELL

SEARCH AND RESCUE CELLULAR LOCATOR SYSTEM

■ ELI-8950



**When Results Matter**

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#### General

Mobile phones can provide vital survivor location information to first responders and emergency search & rescue teams. The Res-Q-Cell system delivers high accuracy 3-dimensional geo-location of mobile phones, enabling detection of survivors and casualties buried under wreckage sites.

Res-Q-Cell is designed for a wide range of search & rescue scenarios, including post terror attack wreckage sites, earthquakes, war and combat zones, and location of missing persons in urban or remote areas.

Res-Q-Cell supports world-wide cellular networks and provides passive and active capabilities. The system detects mobile phones within a predefined area, identifies the mobile phones, supports white list & black lists, and provides highly accurate 3-dimensional Geo-Locations of survivors under the wreckage. The system can be installed on a variety of platforms, including, but not limited to, tactical man-packs, soft vehicles, armored vehicles, tactical aerostats, helicopter and UAVs.

#### Main Features

- Detects multiple cellular phones in a designated area of operation
- High accuracy 3-dimensional Geo-Location of survivor's mobile phones in wreckage sites
- Activates cellular phones in idle mode to allow detection & location
- Operates on both GSM / UMTS networks
- Supports multiple cellular networks simultaneously
- Can establish an independent mobile network (when mobile networks are offline or damaged due to the disaster).

#### RES-Q-Cell At-a-Glance

- Fast – near real-time detection of survivors in wreckage sites
- Simple – an easy-to-use user interface
- Highly Accurate 3-dimensional geo-location of mobile phones in wreckage sites (including under ruins)

### RES-Q-CELL is a Life Saving System



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