

ResQMobil Case

ResQMobil Case – a compact mobile communication network for emergency response and rescue operations.

OVERVIEW

ResQMobil Case is a 360-degree micro mobile network solution that enables first-responders to quickly set up voice, data and SMS services in disaster-hit areas.

Available in a handy, on-wheel trolley pack with integrated battery, it offers specialised emergency services like bulk SMS, and helps in geo-location tracking during search and rescue operations.

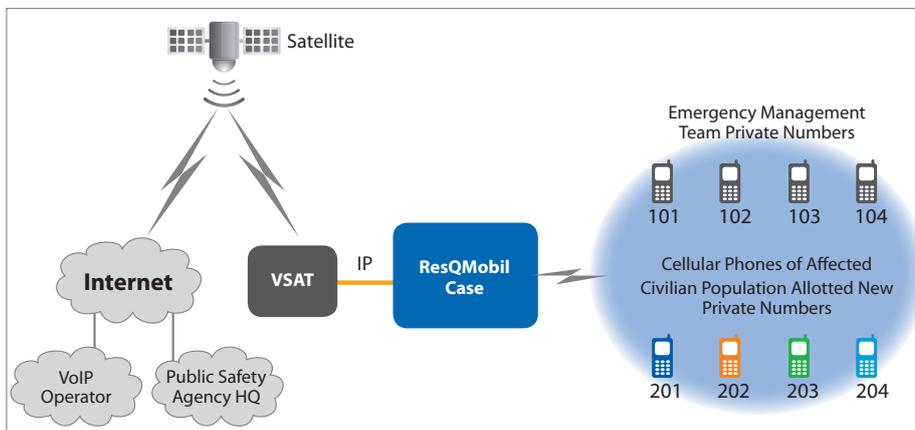
Multiple cases can network on a standard IP interface. Thus, multiple teams can have one case each in a single location or a larger team can have multiple cases in different locations.

FEATURES

- Critical communications for emergency management team
- 3GPP compliant - operates on all standard GSM frequency bands and GSM handsets
- Geo-location services based on GPS and other positioning methods used by supported devices
- Search and rescue operations such as revealing location of trapped, buried or missing victims by tracking their mobile devices
- Emergency services like bulk SMS with emergency advice (eg evacuation instructions) to all mobiles in coverage area
- Includes a high-gain antenna and a tripod for extending range during operation
- Extra battery pack available for longer hours of operation

BENEFITS

- Strengthen emergency response by providing quick mobile communication in areas beyond the reach of public networks
- Easily set up temporary mobile communication services in disaster-hit areas until public networks are restored
- Supports both stationary and on-the-move rescue operations - backpack, vehicle, or helicopter/drone mounted
- Can be set up by anyone – just hand-carry and switch on power for instant mobile service



ResQMobil Case Deployment

Related Products: ResQMobil Backpack, ResQMobil Trailer



Pack 1: ResQMobil Case



Pack 2: Mast, Antenna & Accessories



Pack 3: Optional Battery Box

HIGHLIGHTS

- 28 concurrent voice calls – congestion-free services and reserved capacity for priority users; standalone operation
- Registers 1000 users - mobile services for large number of cellular phones of affected civilians
- 400 Kbps uplink and 400 Kbps downlink packet data throughput - supports images, short video clips, and group chat applications
- Consumes modest backhaul bandwidth for external connectivity - less than 128 Kbps backhaul required for 14 concurrent voice calls routed outside