

CompassRespond FAQs

What is CompassRespond?

A self-contained portable system that is deployed in the field to provide tactical mission support for teams responding to active incidents. When there is no or limited land mobile radio coverage or cellular service available, the solution is to bring your GPS tracking system with you. CompassRespond can be deployed with Motorola APX in simplex “Talk Around” mode or with a Motorola PDR8000 portable repeater to provide enhanced conventional LMR coverage over an expanded area. CompassRespond with Esri ArcGIS mapping is the ideal last mile solution for “off the grid” tactical operations to ensure safety and efficiency.

- Supervisors efficiently coordinate all team members with Motorola radios in real-time on a common operational picture supported by ArcGIS mapping.
- CompassRespond monitors tactical resources to allow supervisors to quickly re-direct them, as on the ground conditions change. The goal is to get the right resource, to the right place, at the right time.
- With on-the-fly replay, you can analyze mission progress and make sure the team is meeting mission objectives.
- The CompassRespond tactical system provides the location data that you need to efficiently manage your resources to protect the lives of your team and the public they serve.

Who uses CompassRespond?

First Responders that need mission coordination anywhere and on demand to support a common operational picture with their assets real-time location and status without worrying about wireless connectivity. CompassRespond is a complete portable system empowered by Motorola portable and mobile radios. Missions include:

- SWAT and tactical response teams
- Special and Conventional Department of Defense Forces
- Law Enforcement and Security Teams
- Emergency Search and Rescue Teams
- Wildland Fire Fighting Teams
- Industrial and Site Security Teams
- Disaster Response
- Event security
- Crowd control

What do I need to provide for the CompassRespond system?

CompassRespond is delivered as a complete system with ruggedized laptop, portable rugged case, cables, chargers, map data and software. User supplies Motorola APX P25 portable radio as master and remote units to be carried by the Team.

Can I track both APX Portable and Mobile radios?

Yes, the CompassRespond system accepts location information from both APX Series P25 Portable and Mobile radios equipped with built in GPS tracking support.

Can CompassRespond work with a repeater?

Yes, The CompassRespond solution can be used with most P25 conventional repeaters. We recommend the Motorola Solutions PDR8000 Portable Repeater.

How many people does the system take to deploy and manage?

One. The system can be carried by one person and deployed in minutes

How many remote radios can the system support?

- System comes with license for 25 radios connected to the host
- System can support 100s of radios

Can I use a mobile radio as the gateway radio?

Yes, as an example an APX Series Mobile radio mounted in an incident management vehicle will function as the “gateway” radio collecting the location of your various operators engaged in the mission.

Can I track my radios with CompassRespond if I have deployed my radios using AES Encryption?

Yes, CompassRespond will not interfere with the use of encryption. The gateway radio will de-encrypt radio transmission and provide the location data to CompassRespond.

Does the emergency button on the radio report status to CompassRespond?

Yes, when the emergency button is pushed the radio reports the updated status and alert to CompassRespond and viewed on the screen.

How many mobile radios can CompassRespond support for a mission?

Initial delivery supports up to 25 Motorola mobile assets. Additional add on licenses to support a few hundred assets are available at an additional cost.

Can CompassRespond users enter geofences on the map and see alerts when an asset enters or exits a defined geofence?

Users can draw and define geofences on-the-fly before or during a response. User defined areas are used to generate alerts for entering or exiting a geofence.

Can I track any LMR radio with CompassRespond?

No, currently the CompassRespond solution is designed to support the Motorola APX Series P25 Digital radios.

What is required to set up a system when you arrive at an incident?

Power up the laptop, connect the APX gateway radio to the laptop. Deploy the APX mobiles or portables to the team, turn them on and as they acquire the GPS location signal, they will be displayed on the map in the CompassRespond viewer.

Can I add mission specific map data to CompassRespond?

CompassRespond is based on Esri ArcGIS technology and supports standard map and imagery data formats. Map data is loaded on CompassRespond as part of the initial delivery but GIS technicians or staff with training can update or add new map data on demand.

Can I archive and replay a mission with CompassRespond for after action analysis?

Location and status reports received by CompassRespond are saved in the onboard database. The CompassRespond "Replay" function will replay one asset, a group or all the assets over a user defined timeframe up to 100-X speed. The paint the town function will give a screen shot of all activities over the time frame with breadcrumbs with the push of the button.

Can CompassRespond be integrated to CompassTrac Enterprise with a broadband wireless connection?

CompassRespond operates self-contained or can be integrated configured to ingest ESRI online GIS data via broadband connection to support regional operations.

How can I buy CompassRespond?

CompassRespond is available from:

- Direct from your Motorola Sales Team
- From CompassCom
- Also on GSA schedule through Carahsoft

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