



Equipment Interrogator System

About the Interrogator System

The EMTRAC Interrogator System enables agencies using the EMTRAC system to automatically download activity logs from mobile EMTRAC equipment and upload firmware and database updates to these same components.

Vehicles equipped with the EMTRAC system are capable of requesting signal priority, and wayside workers may also be equipped with handheld EMTRAC notification units. As equipped vehicles or workers return to the garage or station, the Interrogator System utilizes secure frequency-hopping spread spectrum radio to download data logs from these mobile EMTRAC units. This data is forwarded to a server running the EMTRAC Central Monitor software, where the data may be viewed by monitoring personnel.

The EMTRAC Interrogator System can be used at bus garages, fire stations, rail operation Centers, municipal-vehicle garages and lots, as well as maintenance facilities.



Interrogator Components

The EMTRAC Interrogator Kit includes:

- **Detector Unit:** This network-connected unit seeks mobile downloads and transfers activity logs to the system server.
- **Weatherproof Enclosure w/ (4)-120 VAC Outlets:** Molded fiberglass-reinforced, NEMA Type 4X / IP65 rated enclosure with stainless steel lockable latches and integral mounting flange.
- **900 MHz Antenna (Directional or Omnidirectional Available):** This antenna may be mounted inside the enclosure cabinet, on top of the cabinet, or on other nearby structures.



Directional Antenna Shown (Other Types Available)

