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**SUMMARY**

Police cars, fire trucks, ambulances and other emergency vehicles are outfitted with a wide variety of communications equipment. First responders need reliable ways to communicate while in their vehicles, including two-way radios, laptop computers, cell phones, and PDAs. Dispatchers and supervisors need ways to track personnel and assets, maintain equipment, and enable interagency communications.

**FEATURES**

- Mobile communication
- Signal enhancement
- Location and asset tracking
- GPS and fleet management
- Mobile power supply
- Power conversion and protection
- Mounting solutions for radios and computers
- Interoperability
- Hands-free communication
- Battery charging
- Equipment protection

**BENEFITS**

- Improved communication
- Increased safety
- Secure and protect expensive communications equipment
- Allow first responders to focus on the emergency at hand, rather than on their communications equipment

**REAL WORLD EXAMPLES**

**Situation:** A police department purchased a new set of mobile laptops for its fleet.

**Problem:** It needed to protect the laptops in the vehicle from damage during acceleration or deceleration.

**Solution:** The fleet manager installed laptop mounts on the passenger side of the vehicles, allowing the police officers to easily work on them while the vehicles are stationary and protecting the expensive laptops from damage while the vehicles are moving.

**Situation:** A town in Nevada is growing quickly and the fire department must cover a larger geographic area.

**Problem:** The fire department radio system is not set up to cover the enlarging geographic area.

**Solution:** The fleet manager installed amplifiers in each fire department vehicle. Now, constant communication across the territory is ensured.

**Situation:** An accident occurs involving a chemical tanker. The local police, local fire, and state hazardous materials departments arrive on the scene and determine that the immediate area needs to be evacuated.

**Problem:** The three responding agencies do not have the same radio system and cannot speak to one another beyond the main scene.

**Solution:** The police chief has an ACU-M interoperability unit in his vehicle, and is able to set up a temporary net, combining all three agencies' radio systems, which will be up for the duration of the evacuation process.

**ADDITIONAL CONSIDERATIONS**

- What are the communications methods, e.g. radio, iDEN, cellular phone, computer?
- What is the work flow frequency of communication device?
- What is the location of equipment in vehicle?
- What is the make and model of vehicle?
- What is the wiring diagram of vehicle?
- What other equipment is to be installed to establish amperage loads on circuits?

**PRODUCTS**

- Mobile communications
- Mobile radio mounts
  - > Batteries
  - > Battery chargers
  - > Headsets
  - > Microphones
  - > Cases
- Two-way radios and accessories
- Mobile computer mounts
- UHF/VHF Antennas
- Power inverters
- Power-on delay timers
- Mobile amplifiers
- Interoperability equipment
- Mobile phone and PDA mounts
- Mobile phone and PDA accessories
- Hands-free car kits
- Bluetooth headsets



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