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SUMMARY

Interoperability is an important issue for law enforcement, fire fighting, EMS, campus security, utilities, and other health and safety departments. First responders must be able to communicate during emergencies, regardless of the devices they carry or the frequencies on which they communicate. Interoperability equipment allows them to accomplish this without having to purchase new devices. This equipment allows for connections between two-way radios, Nextel phones, and VoIP connections.

FEATURES

- Fast deployment
- Clear command and control capability
- Ability to quickly make and break cross-connections
- Allows for full monitoring of ongoing communications
- Project 25 compatibility
- Simple, intuitive interfaces can be used for diagnostics, programming, and feature control

BENEFITS

- Fast response during an emergency
- Affordable
- Centralized communication
- Increased safety of first responder personnel
- Easy coordination of non emergency, multi jurisdictional events

REAL WORLD EXAMPLES

Situation: An accident on a major highway occurs at rush-hour, including four passenger vehicles and a tanker truck.

Problem: Numerous agencies respond, including state police, fire department, EMS, and hazardous materials unit. Each agency is working on a different radio and frequency and cannot communicate easily.

Solution: The fire chief uses an interoperability unit mounted in his trunk to quickly connect the four radio systems and organize the response team.

Situation: A university police force uses UHF radios and its maintenance staff uses Nextel phones.

Problem: During a shooting on campus, the maintenance staff is needed to help secure and evacuate buildings, but the UHF radios and Nextel phones cannot communicate with one another.

Solution: The university uses its interoperability equipment to coordinate the police and maintenance staff to swiftly secure the campus.

Situation: A town holds an annual Christmas parade, drawing 100,000 people.

Problem: Local police, fire, and city workers are needed for crowd control, but do not have a way to communicate with one another.

Solution: The police department uses its interoperability equipment to monitor each group's communications and to connect the groups as needed.

ADDITIONAL CONSIDERATIONS

- What radio manufacturers and models will be used with interoperability equipment?
- Will the interoperability unit be used in a building, mounted in a vehicle, or carried in a portable case?

PRODUCTS

- Interoperability unit
- Cables to connect radios to unit
- Radio accessories
- Optional vehicle mounting system
- Optional portable case with battery backup

Knowledge Solutions

Providing the intelligence for optimum, faster decisions

- TESSCO.com
- The Wireless Guide
- The Wireless Journal
- The Wireless Updates
- The Wireless Bulletins