
Radio Communications Systems - Non Public Safety [1]

Topics:

[radio](#) [2]

SO-04-004 Radio Communications Systems ? Non Public Safety

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PURPOSE

To provide a standard for statewide, regional or local radio communications systems to be utilized by non-public safety government entities. The goal is for the non-public safety entities to design and implement radio communications systems to perform their respective missions.

SCOPE

This standard is applicable to non-public safety entities for radio communications by voice or data to perform their functions statewide, regionally or locally. Non-public safety entities are public service organizations or departments/divisions within an organization that are responsible for administrative or maintenance type functions. This includes, but not limited to, educational facilities, building maintenance departments, public service field personnel, parks personnel, inspectors and other departments/personnel not involved with protection of life or property. This standard is optional for local government non-public safety entities.

STANDARD

Non-public safety entities shall design and implement radio communications systems using type accepted equipment and in accordance with Federal Communications Commission Rules and Regulations. Further, State entities shall submit requests for equipment on existing or new systems in accordance with Telecommunications Technology Review Standard, S-05-001.02 (formerly ENT-09-001?STD).

Those entities requiring regional or statewide radio communications may consider statewide commercial service such as SouthernLinc or NEXTEL. These communications services are unique, in that they offer the capability of two-radio features and cellular phone service. Monthly charges vary by features and services procured. These services are to be considered and authorized only when other two-way radio and/or wireless communications systems are not available for duty or not feasible for duty requirements. Interconnect (dial-tone) should be limited to supervisors/managers and those needing to communicate outside of system or normal working areas. Data and paging (SMS ? Short Messaging Services) should be limited to justified users. In accordance with Telecommunications Technology Review Standard, ENT-09-001?STD, requests by state entities for these type communications services are to be reviewed by GTA to determine appropriate equipment and service features.

Existing systems that require occasional interoperability with Public Safety entities shall accomplish this capability through cross-band interface devices. The device purchased subject to technical review by GTA in accordance with Telecommunications Technology Review Standard, S-05-001.02 (formerly ENT-09-001?STD).

AUTHORITY

- O.C.G.A. §§ 50.25.-1
- Title 47 of the Code of Federal Regulations ? Federal Communications Commission

TERMS and DEFINITIONS

Interoperability - The ability of multi vendor devices to work together using a common set of protocols. For Two-Way Radio, the ability for users to intercommunicate directly subscriber-radio to subscriber-radio regardless of the frequency band and/or protocol without intervention of a dispatcher or other manual patches being required.

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