

Florida Legislative Summary Regarding In-Building Two-Way Radio Coverage
Excerpts from "Online Sunshine" the Official Internet Site of the Florida Legislature

Florida Compliance Schedule for Two-Way Radio Coverage
633.208 Florida Fire Prevention Code

(8) The authority having jurisdiction shall determine the minimum radio signal strength for fire department communications in all new high-rise and existing high-rise buildings. Existing buildings are not required to comply with minimum radio strength for fire department communications and two-way radio system enhancement communications as required by the Florida Fire Prevention Code until January 1, 2022. However, by December 31, 2019, an existing building that is not in compliance with the requirements for minimum radio strength for fire department communications must apply for an appropriate permit for the required installation with the local government agency having jurisdiction and must demonstrate that the building will become compliant by January 1, 2022. Existing apartment buildings are not required to comply until January 1, 2025. However, existing apartment buildings are required to apply for the appropriate permit for the required communications installation by December 31, 2022.

Regarding Florida Adoption of NFPA Code Statutes

633.202 Florida Fire Prevention Code

(2) The State Fire Marshal shall adopt the current edition of the National Fire Protection Association's (NFPA) Standard 1, Fire Prevention Code ...

Excerpts from NFPA 72: Chapter 24 Emergency Communications Systems (ECS)

24.5.2.2.1 Critical Areas... (Includes command centers, fire pump rooms, exit stairs, exit passageways, elevator lobbies) ... shall be provided with 99% floor area radio coverage.

24.5.2.2.2 General Building Areas shall be provided with 90% floor area radio coverage.

24.5.2.2.3 Amplification Components. Buildings and structures that cannot support the required level of radio coverage shall be equipped with a radiating cable system or a distributed antenna system (DAS) with FCC-certified signal boosters*, or both ... to achieve the required adequate radio coverage.

24.5.2.5.4 Signal Booster Components. If used, signal boosters shall meet the following requirements ...

- 1 Signal boosters shall have FCC certification prior to installation.
- 2 All signal boosters shall be compatible with both analog and digital communications simultaneously at the time of installation.

Key NFPA Regulations Summary: The NFPA stipulates 95% coverage, except in critical areas such as the command center, pump room, and exits; then the coverage requirement jumps to 99%.

Proton Note: *The "Signal Boosters" referenced in the regulations above are most often Bi-Directional Amplifiers (BDAs).

About Proton:

We provide a broad line of high-performance wireless voice and data communications products and complete mobility solutions. Proton offers end-to-end BDA and DAS solutions designed to solve coverage challenges and meet all Emergency Responder Radio Coverage (ERRC) requirements.

**To Explore The Right DAS / BDA Systems To Get Your Facility Into Compliance,
Please Contact The Experts At Proton**