

Florida Hospital Association Tuesday, July 24, 2018



# Welcome!



Rich Rasmussen
Vice President for
Membership Relations
Florida Hospital
Association



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- Discuss the compliance issues for hospitals as they relate to Florida Statute 633.202.



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- Discuss the compliance issues for hospitals as they relate to Florida Statute 633.202.
- Describe how a plan to attain compliance can be accomplished.





## FS 633,202

- Requires the State Fire Marshall to adopt National Fire Protection Association's (NFPA) Fire Prevention Code standards, including emergency communication systems.
- The statue becomes effective December 31, 2019 and will require certain hospitals to meet specific standards under NFPA for in-building, two-way radio coverage.



# Today's Webinar Provides...

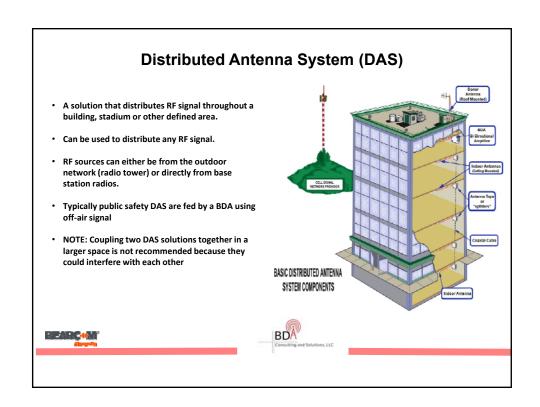
- Information on how the new statute relates to Public Safety in compliance with NPFA-72, NFPA-1221, and the International Fire Code testing requirements; AND,
- what the requirements are and examine best practices to achieve compliance.

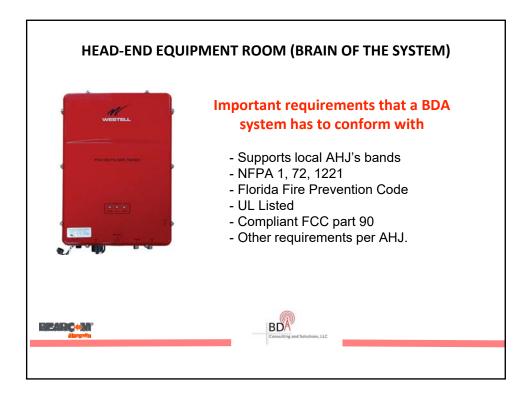
















PERMIT ON FILE BY DECEMBER 31, 2019



Hospital systems are a complex environment that require extensive engineering to develop ERRC solutions







### CHAPTER 633- Fire prevention and Control Section 202- Florida Fire Prevention Code

(18) 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.

### COMPLIANCE

New Construction and Remodeling where Certificate of Occupancy increases by 20%- Compliance required

Existing Buildings- Permit on file by December 31, 2019 and required to comply by January 1, 2022

Existing Apartment Buildings- Permit on file by December 31, 2022 and required to comply by January 1, 2025





# WHAT CHANGED TO REQUIRE PUBLIC SAFETY RADIO ENHANCEMENT

### **National Fire Prevention Code 1**

### 2012 NFPA 1

11.10\* Two-Way Radio Communication Enhancement Systems.

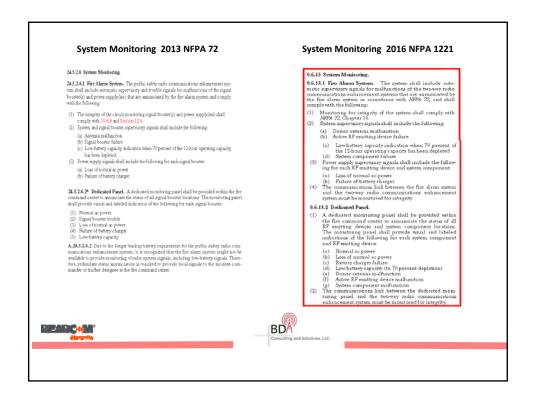
A.11.10 Two-way radio communication enhancement systems provide for greater flexibility and safety for emergency responders during in-building operations. 11.10.1 In all new and existing buildings, minimum radio signal strength for fire department communications shall be maintained at a level determined by the AHJ. 11.10.2 Where required by the AHJ, two-way radio communication enhancement systems shall comply with NFPA 72. IN THE 2015 EDITION NFPA 1221 REPLACED NFPA 72.

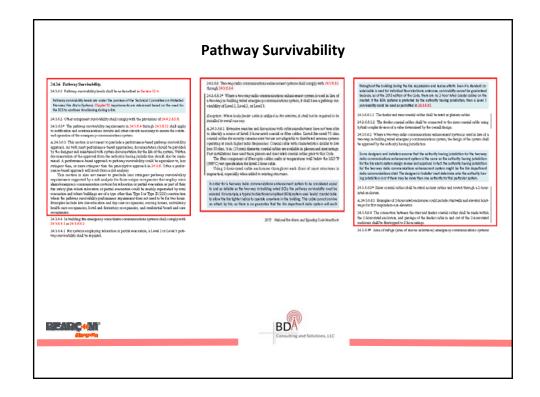
11.10.3 Where a two-way radio communication enhancement system is required and such system, components, or equipment has a negative impact on the normal operations of the facility at which it is installed, the AHJ shall have the authority to accept an automatically activated responder system.

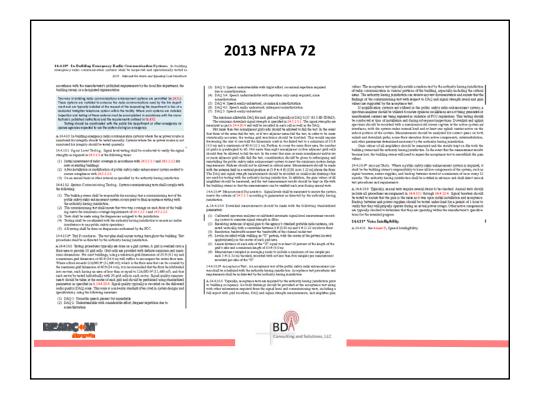




# Code provisions changing with ever cycle. NFPA CODE REFERENCE NFPA 72 - 2013 In-Building Solution Required NFPA 1 Section 11.10 Pathway Survivability for 2 Hour for Risur Coaxial Cable - Sec. 24.3.13.8.3 at all Cable - Sec. 24.3.13.8.3 at all Required Sec. 24.3.13.8 at all Required Sec







### 2013 NFPA 72 - RES Testing

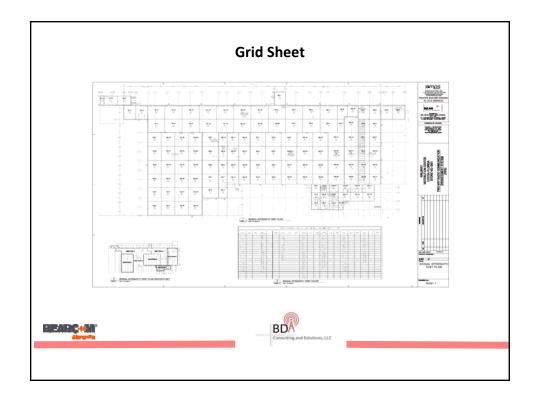
14.4.10.6\* Annual Tests. Where a public safety radio enhancement system is required, it shall be the building owner's responsibility to have all live components of the system, such as signal boosters, newer supplies, and backup batteries tested at a minimum of once every 12 months. The authority having jurisdiction shall be notified in advance and shall direct annual test procedures and requirements.

A.14.4.10.6 Typically, annual tests require several items to be checked. Annual tests should include all procedures encompassed in 14.4.10.1 through 14.4.10.4. Signal boosters should be tested to ensure that the gain is the same as it was upon initial installation and acceptance. Backup batteries and power supplies should be tested under load for a period of 1 hour to verify that they will properly operate during an actual power outage. Other active components are typically checked to determine that they are operating within the manufacturer's specifications for the intended purpose.









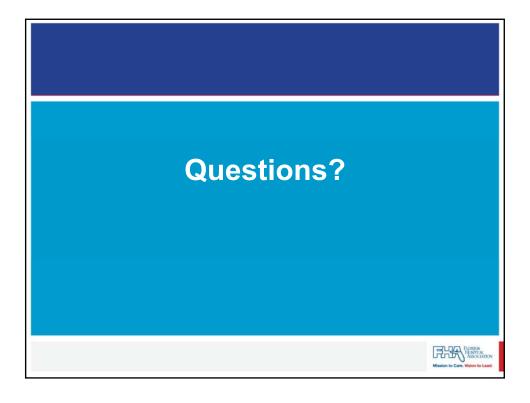
### **The BDA Process**

- Find a qualified contractor to start the process.
- $\bullet$  Preliminary survey is required to determine signal strength requirements.
  - o If survey is a pass, no further action required.
  - o If survey is a fail, the process for installation officially begins.
- Plans are to be submitted to the AHJ for approval.
  - o Plan approved permit is issued.
- With approved permit work can commence.
- Call in for appropriate inspections.
- When all inspections pass and all appropriate documents given to the AHJ, permit is closed.









## **EM Education**

- July 31 August 1 Certified Healthcare Emergency Professional (CHEP) Preparation Course and Certification Exam
  - Details and Registration at: <a href="http://www.fha.org/education-and-events/event-details.aspx?itemId=744">http://www.fha.org/education-and-events/event-details.aspx?itemId=744</a>
- September 12 Hospital Incident Command System (HICS, Ver. V)
  - Details and registration at: <a href="http://www.fha.org/education-and-events/event-details.aspx?itemId=844">http://www.fha.org/education-and-events/event-details.aspx?itemId=844</a>



# **Webinar Evaluation**

- We would appreciate your feedback!!
- Web participants can stay logged in as the webinar closes to be redirected to the online survey (the link will also be provided in a follow up email).



# Thank you! John Wilgis 407-841-6230 john@fha.org