

Fire Alarm Systems in the Healthcare Environment

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Abstract:

Fire alarm systems in modern hospitals are more than pull stations and smoke detectors. The system covers the entire foot print of the facility and interfaces with a variety of hospital systems to include:

- Elevator recall
- Elevator shaft and stairwell pressurization systems
- Security and infant abduction systems
- Sprinkler systems and pre-action systems
- Fire pumps
- HVAC systems
- OR smoke evacuation systems
- Atrium smoke evacuation systems
- Overhead paging systems

Emergency systems are critical to ensuring the safety and health of a facilities patients, visitors and staff. This presentation will highlight the importance of mass notification systems and how they can be easily incorporated into the modern fire alarm system. Discussions will also include the differences in private versus public modes of transmission, speaker based versus horn based and coded systems versus non coded systems.

Learning objectives – Attendees will leave the presentation with an understanding of the following:

1. Recognize the various codes in effect in Illinois and the agencies in Illinois that enforce them
2. Where visual notification devices are required
3. Explore the various components and systems that interact and are a part of the fire alarm system
4. Private Mode versus Public Mode notification
5. Mass notification system integration within the FA system.
6. Identify the final close out documents the owner should obtain from the vendor and the installing contractor