



Session 2A:

Addressing Fire Alarm Systems Compliance Methodologies within the Built Environment

Nationally recognized codes and standards establish important monitoring requirements for fire protection systems placing great emphasis on capability, functionality, reliability and on-going system operational continuity. Fire alarm systems are a critical design element for building fire and life safety, particularly system monitoring which must be classified as one of three approved Supervising Station Alarm System types (Central Station Service, Remote Supervising Stations and Proprietary Supervising Stations) per NFPA 72 (National Fire Alarm and Signaling Code). Supervising Station fire alarm systems, though required, are often not properly evaluated, understood, or adhered to relative to the built environment compliance envelope.

This presentation takes a deep dive into the importance of understanding Central Station Service applications and benefits, and the requirement for a systematic follow up program of compliance established by NFPA 72. The session will provide detailed information and examples highlighting this important compliance methodology and its effectiveness to confirm and verify initial and on-going compliance and reliability of fire alarm systems.'



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Since 2016, Todd has worked for Underwriters Laboratories (UL) assigned to the Research Triangle Park, North Carolina facility as an AHJ Specialist / Alarm System Auditor. Prior to his career with UL, Todd worked 24 years in public service in Pennsylvania as a police officer, firefighter/EMT and Fire Marshal, and 2 years in North Carolina as Deputy Chief/Fire Marshal. He is an Adjunct Instructor at the National Fire Academy and with the International Association of Arson Investigators (IAAI). Todd presents training courses nationwide and has contributed to publications related to code administration and enforcement, fire investigation and evidence collection and fire prevention education. Todd holds certifications from the International Code Council (ICC), IAAI and National Association of Fire Investigators (NAFI). Todd represents UL on NFPA Technical Committees 950, 1031 and 1033, is a member of various fire and life safety organizations and provides specialization and experience within the following disciplines:

- Legal Administration of Code
- Fire and Building Codes Enforcement and Inspection
- Fire and Building Codes Plan Review
- Fire Alarm System Code Requirements and Audits
- Fire Investigation and Evidence Collection
- Expert Witness Courtroom Testimony

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