

MEMORANDUM

Acceptable Methods of Monitoring Existing Fire Alarm System for EXISTING Buildings less than 80 feet in height

{14B-9-901.6 & 907.6.6}

The below requirements are for existing Buildings less than 80 feet in height that are updating monitoring of their Fire Alarm System with newer technology.

In general, follow NFPA 72 2016 Edition, section 26.6 "Communications Methods for Supervising Station Alarm Systems." The following are the requirements for the communication to the remote supervising station that is UL Listed and shall be located within the United States. The Remote Station must also have a backup location within the United States. {14B-9-901.6 & 901.6.3}

- A. All installations are subject to inspection, test, and approvals from the Chicago Fire Prevention Bureau (CFPB). The communication service provider shall be reported to CFPB **48 hours** before terminating service and is subject to re-inspection, test, and approval. {901.6 & 760.215}.
- B. The communications method shall be **Single Path** - primary communicator shall be required. The Primary communications shall transmit Common Alarm, Common Supervisory, and Common Trouble. {NFPA72-2016 §26.6.3.3}
- C. Acceptable Methods of Primary Communications:
 - a. Phone lines DACT communications.
 - b. Internet Protocol (IP) communications.
 - c. Cellular communications.
 - d. One-Way Private Radio (MESH) communications.
- D. The CFPB reserves the right to make any changes necessary to these requirements.