

## MEMORANDUM

### Acceptable Methods of Monitoring a New Fire Alarm System for Buildings over 80 feet in height (High-Rise)

{14B-9-901.6 & 907.6.6}

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 & 907.6.6}

- A. The communications method shall be a **dual-path** and a primary communicator and secondary communicator shall be required. The primary and secondary communicator shall transmit **Contact ID for all system points**. {NFPA72-2016 § 26.6.3.4}
- B. Acceptable methods of primary communication:
  - a. Phone lines DACT communications with Contact ID - ALL points.
  - b. Internet protocol (IP) communication with Contact ID – ALL points.
- C. Acceptable methods of secondary communication:
  - a. Cellular communication Contact ID – ALL points.
  - b. One-way private radio (MESH) communication with Contact ID – ALL points.
- D. The IP network switch/modem shall be dedicated only for this remote connection use and shall not be used for any other purpose. The IP network switch/modem shall have a dedicated fiber or coaxial connection to the Internet service provider network. Unit shall be labeled “Fire Alarm Monitoring Only”.
- E. The CFPB reserves the right to make any changes necessary to these requirements.