

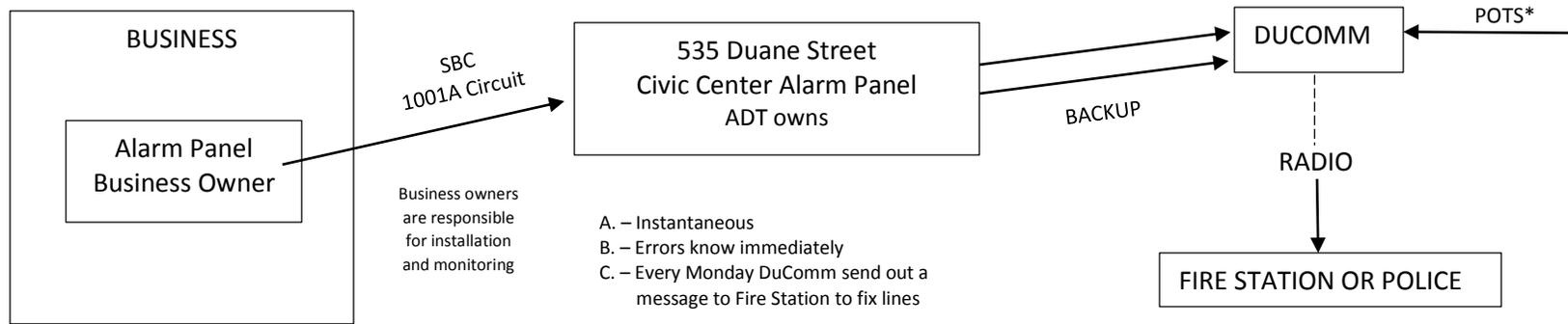


## Village of Glen Ellyn Fire Protective Signaling System Requirements

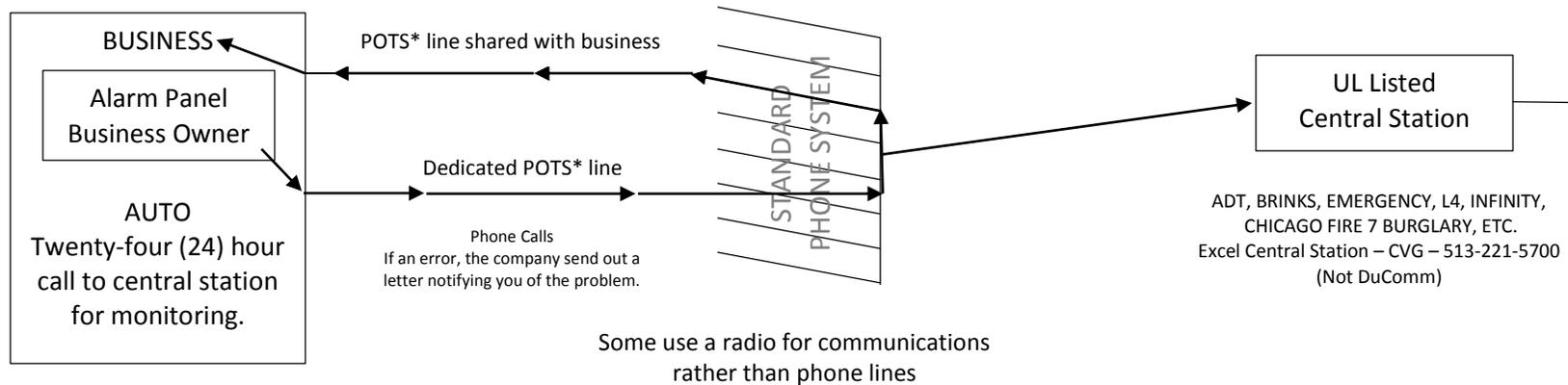
1. The Village of Glen Ellyn Fire Protective Signaling System is a manual and automatic fire alarm system meeting the requirements of the Glen Ellyn Village Code, 2009 ICC International Fire Code Section 907, NFPA 70, NFPA 72 and includes the following minimum components and requirements:
  - a. A fire alarm control panel and equipment capable of initiating alarm, trouble and supervisory signals.
  - b. An annunciation panel at a visible and accessible location if required by the building or fire official.
  - c. A primary and secondary power supply.
  - d. A dedicated telephone line connection that transmits signals to the municipal fire panel. *Exception: occupancies other than use groups A and E over 99 occupants may be monitored by a UL listed central station provided an audio/visual alarm notification device is provided outside on the street side of the building.*
  - e. Automatic fire detection smoke alarms in required occupancies and prescribed locations.
  - f. Heat detectors in corridors, public spaces, and in common rooms over 100 square feet or where smoke detectors are susceptible to false activation. *Exception: not required in buildings equipped throughout with an NFPA approved sprinkler system.*
  - g. Manual fire alarm box at every exit. *Exception: not required at the public entrance in occupancies in use group M provided the building is equipped throughout with an NFPA approved sprinkler system.*
  - h. Audible alarm notification appliances capable of attaining the prescribed decibel level throughout all occupied spaces.
  - i. Visible alarm notification appliances in public spaces and common rooms.
  - j. Full integration of automatic sprinkler system alarms, fire suppression system alarms, and any other fire protection alarm system into the Fire Protective Signaling System.
2. Submit a minimum of two copies of the Fire Protective Signaling System construction documents for review and approval prior to system installation. The submittal must include adequate equipment and system specifications, capacity, design, layout, engineering, operation, and maintenance information to determine code compliance.
3. The Fire Protective Signaling System must be installed by personnel meeting the qualification requirements specified in NFPA 72. Upon completion of the system, the contractor shall request and schedule an inspection of the physical devices and wiring and perform an operational acceptance test including the remote monitoring station witnessed by the building or fire official.
4. The Fire Protective Signaling System must be maintained on an annual basis by personnel meeting the qualification requirements specified in NFPA 72. Periodic system testing shall be performed in accordance with the schedules specified in NFPA 72 or as required by the Village of Glen Ellyn. The building owner shall keep a written record of all maintenance, inspection and testing services performed and make a copy of these records available to the building or fire official upon request.
5. In the event the Fire Protective Signaling System is damaged or malfunctions, the building owner shall submit proof of repair within 15 days of the occurrence and schedule an inspection and operational acceptance test, including the remote monitoring station, as required by the building or fire official.
6. Village Code Section 6-6-6 requires that an application to install an alarm system be submitted with the permit fee to the Village of Glen Ellyn Police Department for approval. The alarm system permit application form and instructions are available at the 24 hour police service desk at 535 Duane Street.

# Fire Protection Signaling Systems

## DIRECT CONNECT



## CENTRAL STATION



**\*Plain Old Telephone Service**

Fire protective signaling systems shall be connected to the Village alarm panel by dedicated telephone line.  
Exception: Fire protective signaling systems in use groups other than A and E, may be monitored by a UL listed central station provided and audio/visual device is installed outside on the street side of the building (02/30/02 current regulation)  
Note: See Village regulations for Fire Signaling systems for other details.