



**Alarm Company Requirements prior to Submittal of the AES Intellinet Radio**

1. A meeting is required prior to the approval of this submittal. You must be prepared to demonstrate how you will comply with the following.
2. Identify the system classification in accordance with NFPA72 (2002 edition) 8.5.3.5.5.
3. Provide a site plan indicating the location of the new proposed wireless monitoring unit and existing or new FACP.
4. Provide documentation that ALL radios on the network are UL listed for fire and not for burglar.
5. Verify location of receivers (IP links) including addresses and that receivers have redundant power supply, using listed internet gateway equipment, and a backup phone line.
6. Provide notarized letter identifying the physical locations of at least two radio installations being evidence of prior permitted AES installations. These locations may be verified by a site visit.
7. Provide a copy of FCC license along with the note that the address attempting to be permitted is within the Control point listed on License.
8. Provide a signed letter/affidavit by manufacturer that the Company is in control of the Receiving Head End Equipment and is certified and approved by the manufacturer and the installation has been inspected and approved.
9. Provide information listing the details of who maintains the network and qualification of those persons.
10. Provide documentation on how Central Station complies with all of NFPA-72: 8.2.4.
11. Verify the alarm company has its own network.
12. Provide a site visit to inspect company's facilities and set up of their AES Radio System.
13. Email the completed AES paperwork to [MWelhaf@myboca.us](mailto:MWelhaf@myboca.us) and [RFakih@myboca.us](mailto:RFakih@myboca.us).

## **Intellinet AES Radio Submission Checklist**

- Identify the system classification in accordance with NFPA72 (2002 edition) 8.5.3.5.5.
- Provide specification sheets for all components, including wiring from FACP to radio transmission unit.
- Provide documentation that ALL radios on the network are UL listed for fire and not for burglar.
- Provide information regarding the UL listing class and file number for the unit and all related components.
- Identify the location of the antenna. If remote from the unit, identify how the connection between the antenna and the transmitting unit is protected.
- Provide notarized letter identifying the physical locations of at least two radio installations. These locations may be verified by a site visit.
- Verify location of receivers (IP links) including addresses and that receivers have redundant power supply, using listed internet gateway equipment, and a backup phone line.
- Identify the receiving and transmitting equipment at both the facility being monitored and the monitoring station or subsidiary station, if applicable.
- Provide detail on how compliance with each section of NFPA 72 (2002 edition) (Section 8.5.3.5 is achieved. If the information showing compliance is included in the specification sheets and/or installation manual, please identify where the information is provided by highlighting or notation.
- Provide a copy of the installation manual. Please NOTE: once this has been provided it is not necessary to include it with each permit submittal.
- Provide certification from the manufacturer for the transmitting facility (subsidiary station).
- Provide a specification sheet for the existing FACP showing whether it has contact ID capabilities.
- Provide a mapping survey-identify how it was determined that the facility is capable to being part of the radio network
- Provide documentation that the monitoring company is a listed central station and approved to receive AES transmissions.
- Provide documentation of FCC license for use of the frequency in this area.
- Provide a specific detail on how the FACP is connected to the communicator.
- Provide a note on the site plan that at the time of final inspection, real-time proof of at least (2) separate (reliable listed and approved for use) paths of communication with a NetCon factor of 0 to 5 will be provided. (with “good” signal as all primary and secondary jumped listed approved subscribers) that the submittal package has the module to provide addressable data from an alarm condition.

- Verify location of AES units meets environmental requirements (temperature & humidity) per the manufacturer's specifications.
- Verify T.A.P. submission with packet.
- At the final inspection, a report or other documentation is to be provided showing the transmission signal strength information. Include this information in permit submittal.
- Provide history of routing tables.
- Provide a note on the plans to provide a log book for wireless monitoring system.