

# Intelligent Addressable Fire Alarm

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## **Premiere Fire Alarm Systems and Service**

Fire detection and alarm systems have been saving lives for over a hundred years. From their humble beginnings as mechanically activated bells, to their modern incarnations made of microprocessor components, fire alarms have been a vital piece of technology in buildings where the safety of people and property are a concern.

ELECTRICAL EQUIPMENT COMPANY, INC., has been in the business of providing fire alarms to customers throughout Indiana since the 1940's. Our experience and commitment to offering the very best fire alarm products and variety of services is unrivaled in our industry. We maintain a staff of NICET (National Institute For Certification In Engineering Technology) certified technicians and application engineers who continually stay up-to-date with the latest in fire alarm technology, as well as building codes that impact fire alarm system design and installation.

Electrical Equipment Company works closely with customers, providing information on national codes and requirements pertaining to the regular testing and maintenance of their fire alarm systems. Once we finish installing and certifying a system, we train and educate customers on the operation of the system and give them the chance to arrange for regular testing and service which must be performed on a regular basis, as required by law. These service agreements are convenient and offer peace of mind, especially to customers with very large, advanced systems.

## **30 South Meridian Building—Indianapolis, Indiana**

The historic 30 South Meridian Building, formerly the L.S. Ayres Building in downtown Indianapolis features an extensive Notifier AM-2020 intelligent addressable fire alarm system, complete with audio high-rise evacuation, remote transponder panels, and stairwell pressurization and smoke evacuation.

The stairwell pressurization and smoke evacuation system is linked to the building's HVAC system for the purpose of initiating control in a time of fire. If a fire is detected on one floor, all fans are turned off on the affected floor and all exhaust vents are opened. The surrounding floors and stairwells are pressurized to prevent the possibility of fire spreading to other areas of the building, and allow for smoke-free evacuation of the building.

The system includes three remote transponder panels, eighty-five fireman's phone jacks, 249 audio speakers, and over 425 addressable devices.



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## **Sallie Mae—Fishers, Indiana**

Sallie Mae, a financial lending institution in Fishers, Indiana features a Notifier AM-2020 intelligent addressable fire alarm system, and includes audio evacuation and remote transponder panels.

An audio evacuation system allows for custom audio messages to be broadcast to specific areas of a building during an alarm or emergency event. For instance, in a high-rise building audio evacuation systems can be used to transmit an evacuation message to a floor that may be affected by a fire, and different messages to the floors above and below it. In addition to the delivery of automated messages, the system provides a microphone for live zoned paging of the building. Such a system can help to organize the evacuation of a large building so that people can be made aware of the approximate location of the fire.

The system includes a number of remote transponder panels, approximately 550 audio speakers, and over 450 addressable and non-addressable devices.

Electrical Equipment Company provides annual service and testing for the fire alarm system in this large facility.

## **Miami Correctional Facility—Peru, Indiana**

This State of Indiana correctional facility features a networked fire alarm and notification system. Electrical Equipment Company provided fire alarm panels and equipment for the second phase of this large project, and we were able to integrate our work with the existing equipment installed during the first phase.

The work in the second phase took place in thirteen new buildings of a thirty-one building campus, and included the installation of sophisticated fire alarm panels in each building, a smoke evacuation system, and over 2,200 devices. The system is linked by fiber optic cable between all buildings, terminated and connected by EECO.

At the heart of the system is a network control station, a computer with a helpful and informative graphic display that alerts system operators of alarm activity and indicates the location of the trouble on a floor plan image. This information includes a display of the exact smoke detector or manual station that has been activated so the situation can be immediately investigated and addressed.

Call us today for more system profiles or to learn more about how EECO can help you.



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