Looking to Update Your Fire Alarm System?

For more info, call us at 800.966.9199 or get in touch for a free custom quote or protection of your business. Visit us at epssecurity.com to get your free quote.

About EPS Security

Engineered Protection Systems, Inc. was founded in Grand Rapids, Michigan in 1955. What began as a modest, local operation with a handful of employees has blossomed into a multi-state company with more than 200 satisfied customers.

Over the past decade, EPS has more than doubled in size. We currently rank as one of the top 30 largest security providers in the nation. We offer the medium businesses and large commercial building end users reduce costs. Recently, alarm manufacturers have been making great strides to improve notification devices and make them more efficient. New devices draw less current, allowing for more devices to be on a single loop. The improved reduction in current (or electricity) draw. Using less current helps small to medium businesses.

More Efficient Notification Devices

One of the apps that we at EPS provide our customers with access to, will keep a running record of the times that a specific fire alarm device sounds. If the device needs service, the app can be used to submit a service ticket directly to us and an EPS technician will be dispatched to fix the problem.

Voice Evacuation/Notification

While mobile control of a system is unavailable due to fire alarm code, it can give specific evacuation instructions.

Voice evacuation alerts can inform people of where or what exactly the danger is, so they can avoid it. They can also be used to more accurately deploy law enforcement, fire services, or emergency services who have overworked and will malfunction.

While voice evacuation technology has been around for a long time, only required by many fire codes. Why is voice evacuation being used in more buildings or large, sprawling campuses.

Voice evacuation technology makes people feel safer, more efficient, and help you comply with a variety of fire codes. Let's take a look at a few examples:

Safety Features

New Technology to Improve Safety and Efficiency

Looking into a system and monitoring it are not. The ability to connect a building to a central monitoring center is something that many companies are interested in having.

System Components

Commercial fire alarm systems are typically made up of 2 main groups of components:

The Field Equipment:

This is where the smoke detectors, heat detectors, hand pull devices and other notification devices connect to a control panel. This panel reads the information from these devices and sends it to a 24/7 monitoring center. These systems are typically made up of an addressable system, where each device is numbered and the panel is able to tell which device is sending a signal.

The Head-End:

A primary control panel that serves as a hub for all the alarm devices throughout a space. It’s also where an alarm signal is acknowledged, with the alarm located to the affected area on the panel. If a system fails, the panel will alert the monitoring center of the failure.

Signs Your Fire Alarm Needs to be Replaced

As with any technology, fire alarm systems need to be replaced; either because components are starting to break or simply because the system is outdated. Here are a few signs that your system needs to be replaced:

1. Your system has just died. This is possibly the worst case scenario. A malfunctioning fire alarm system can shut down an entire facility or operation. It’s not worth the risk.
2. Your system has old wires/ground faults and they are causing the system to malfunction. When it comes to fire alarm systems and life safety, it’s crucial to get ahead of these issues and ensure your system is functioning properly.
3. Your smoke detectors are more than 10 years old and your heat detectors are more than 15 years old. After this much time has passed, detectors have a tendency to malfunction.
4. Your smoke detectors, heat detectors, hand pull devices and other notification devices are no longer working. If a system fails, the panel will alert the monitoring center of the failure.
5. Your system has overworked and will malfunction.
6. Your system has old wires/ground faults and they are causing the system to malfunction.
7. Your system has overworked and will malfunction.
8. Your system has overworked and will malfunction.
9. Your system has overworked and will malfunction.
10. Your system has overworked and will malfunction.

Contact Us

If you have any questions about fire alarms or you’re interested in learning more about our services, please don’t hesitate to give us a call.

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