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What is radius?



Radius is a situational awareness system featuring Inovonics Positioning Technology™. It combines the latest mass notification capabilities with advanced positioning technology to pinpoint duress alarm devices. Radius monitors Inovonics end devices, interfaces to fire, access control, and environmental systems and provides instant notification to alert devices.

Location

Using software that leverages our patented RF repeater network, Radius can accurately determine where an alarm is coming from within a building or a campus setting. This allows you to locate employees immediately when they signal for help.

Monitoring

Radius is designed to work with the complete line of Inovonics end devices, including pendants transmitters, universal transmitters, and motion detectors. It also supports integration with our extensive list of system partners who provide fire extinguisher monitoring, wireless perimeter beams, fence tilt sensors, man hole cover monitoring, water sensors, and a host of many other solutions. With Radius, you can rest assured that you will be alerted of all monitored events within your facility.

Notification

Radius uses an embedded server to coordinate event monitoring and mass notification, and the Inovonics network communicates critical events and data, as well as information from other in-building systems such as CCTV, access control, fire, or intrusion, and routes the notifications to alert devices like pagers, two-way radios, Cisco VoIP telephones, central stations, e-mail addresses, and mobile phones using text messaging or voice.

Radius has the ability to route alerts to individuals or to entire groups. As events escalate, so can your recipient list. Radius can also send recurring events and messages, such as maintenance reminders, as well as one-time instant messages, such as an office closure due to inclement weather. Whether it's a status update or a life-safety alert, you can be confident the right people will have the information they need.

Industries

Today's security and monitoring needs are constantly evolving. As people and assets have become increasingly mobile, the need for sophisticated location and notification has become critical. Radius offers solutions for a host of applications.

Education

Keeping students and staff safe is the top priority for K-12 schools and college campuses alike. With Radius, they can rest assured knowing they'll be notified in the case of an emergency. Radius easily integrates with existing security and monitoring solutions, and can augment any school or campus crisis plan.

Government

Courthouses, municipal buildings, and other government locations are common targets for security threats. Personal safety can be at risk in judge's chambers, parking garages, holding cells, and even public restrooms. Radius can not only monitor such locations, but can provide detailed location information in the event of a crisis situation.

Industrial

Increasing efficiency, minimizing loss, and ensuring safety compliance are important objectives for manufacturing facilities and distribution centers. With Radius, not only is it easy to monitor equipment performance, inventory levels, and environmental conditions during both operating and non-operating hours, but it can provide alerts to the appropriate personnel in real time to help mitigate lost time or resources.

Retail

Employees in a retail setting are seldom stationary so businesses need a security solution that can go wherever the employees go. Radius enables store owners and other key personnel to be alerted of a suspicious or violent event involving one of their employees and be directed to the location of the activity. Radius can also help minimize the risk of loss by providing alerts in the event of a break-in, system failures such as heating and air, refrigeration, or activation of smoke or moisture detectors.

How Radius Works

