

# Technologies That Keep You Safe Without Noticing

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### In brief

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Some technologies, however, are functional without us even realizing they are affecting our lives. For example, there are gadgets and technologies that keep us safe on a day-to-day basis, and we are going to look into them in this article.

## CCTV

Closed-circuit television or CCTV is not a new technology. In fact, it dates back to the World War II era, when the first CCTV system was installed to monitor the launch of V-2 rockets in Germany. However, the technology behind CCTV - and surveillance systems in general - has evolved over the years.

The latest generation of CCTV surveillance systems adds wireless IP-based cameras, face tracking, and advanced access control to protect the environment around us. Cameras installed in the right spots can help a single security guard monitor more ground with less effort. Nowadays, most companies use a wireless alarm and monitoring device, alongside many households choosing to use one too, in order to keep their workforce and buildings safer.

## Mass Messaging

Have you ever received an Amber Alert? This type of alert is more commonly used than you realize. Many universities and neighborhoods incorporate mass messaging using different solutions to send immediate alerts to community members.

Similar to CCTV, mass messaging is a technology that has been improved over the years. Thanks to modern smartphones, alert messages can now contain images or videos, location information, and other details that help you react better to the content of the alert.

## Infrared Fire Detection

Infrared detection systems started life as a part of a more complex dust explosion mitigation. CV Technology, a leading company behind fire safety technology for factories and various industries, integrates infrared detection system to monitor critical locations in a factory where a spark can turn into a serious explosion within milliseconds.

Today, infrared fire detection is being used in more areas, including office and apartment buildings. In addition, the detection systems that integrate IR, UV, and optical detection are known to be more reliable than conventional smoke alarms. As a result, they can be implemented to prevent fires and make containing the hazard easier.

## Metal Detectors

Metal detectors are interesting in one respect: the technology has not changed substantially, but the devices that use this technology are getting smaller and more capable. As a result, we are more accustomed to seeing metal detectors than previous generations, and there is a good reason for that.

Metal detectors are considered crucial in today's security systems. They are used in schools and public places to keep entrances to those facilities safer. Using a handheld metal detector, security officers can quickly detect the presence of metal in unusual areas or on a person, and then take the necessary course of action if needed.

The list of technologies that keep us safer goes on. Airbags, sensors around modern cars, and even our smartphones are helping to prevent bad things from happening.

The technologies being developed today are geared towards preventing accidents and mishaps from happening. If you want to know more about the newer safety tech we have today - or if you have safety gadgets that you use every day - be sure to leave a comment below.

## References

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