

Electronic Security in Daily Life

Accidents or threats do not come with an invitation, perhaps, they always surprise you. To counter them we should always be ever ready and proactive. A basic security system in house or at any place is still better; anticipation is better than trying to recover.

The need for burglar alarm system dates back thousands of years ago when the value of people life and property was felt. In early times around 386 B.C., geese were used by Romans to alert for any danger. Before, the invention of any modern Intruder Security System; guard dogs and birds were used to alert if someone was approaching their property. The first mechanical intruder system was developed in early's 1700 by English inventor Tildesley; he used chimes attached mechanically to door locks, and that would make sound if somebody tried to open the door. Early 1850's marked the entrance of first modern intruder system where electricity, magnets and battery were used by Augustus Russell Pope (Vintech_Systems, 2011).

Electronic Security System is referred to any electronic gadget which executes tasks such as monitoring, control access and alarm management of an area. To determine the type of security system to be used relies upon the place to be protected and the related threats. Depending upon the place to be protected such as residential, commercial and industrial; security systems can comprise of various components starting from basic Alarm Control Panel, sensors, alerting devices, keypads, cameras and interconnections.

The need of security system comes right from our house only where we would love to see our family members and house secure. The growing crime rate across the cities has taken away this sense of secureness from us. The consequences of burglary or theft can be distressing, both financially and emotionally. There is no doubt that financial loss can be recovered, but emotional impact may last forever on family members. Hence, there is a dire need for us to think that is this loss worth taking. According to the stats of 2017, Vancouver Police department has stated that property crime has went down nearly by 2% and robberies have gone down by almost 23% (Gian, 2018).

A comprehensive 5-year study done by researchers at Rutgers University School of Criminal Justice (SCJ) in Newark, have stated that burglar alarm system reduces the risk of property crime (Rutgers Today, 2009). Burglars tend to avoid houses that have alarm system installed.

Commercial security system ensures safe business operations by preventing robberies and theft. By spending few hundred dollars, business owners can prevent thousands of dollars loss from property damage and stolen valuable assets. Only a monitored security system will ensure that the right authorities (police) will be informed and will respond to a theft when a burglary takes place. Moreover, during late working hours, an alarm system provides a sense of security to the employees that they are working in a safe environment. In addition, it is very common to notice unethical employees stealing cash from businesses while working. Well, a security system monitors all the activities and record them for future evidence if required.

A medical alert system is a very useful incorporated feature in the alarm system that can prove to be a life saviour for someone. Medical alert system is not only intended for elderly people, but everyone can benefit from their splendid features. A medical alert device like bracelet or a wireless button can be pressed when you have any medical emergency, and that will send an alert message to monitoring station. Monitoring station will alert the appropriate authorities that can make difference between life and death. According to an article published by Family Caregivers, Senior Medical Alert System helped save life of Susan who had fallen and was immobile for several hours (Fitz-Coy, 2019). Advanced medical alert system also come with GPS tracking that can be used to track people with memory loss issue or if someone has any medical issue while they are out for walk. The GPS will track the exact location of the individual and send the medical team to that particular location.

A security system with advance features like fire or smoke detection can guard the house or commercial property from fire dangers. It protects families in houses and workers in the buildings from health hazards because of fire. The primary motive of this detection system is to even detect occurrence of smoke and alert the fire department authorities, before this can lead to catastrophic fire and causes major damage to live of people and property. Moreover, this detection system is 24/7, meaning even when the premise is not occupied, the

system will detect smoke or fire and alert authorities. This system can save thousands of dollars in property damage and property insurance apart from the valuable lives of people. According to National Fire Protection Association, "Almost three of every five home fire deaths resulted from fires in homes with no smoke alarms (40%) or no working smoke alarms (17%)". Also, "The death rate per 1,000 reported home fires was more than twice as high in homes that did not have any working smoke alarms compared to the rate in homes with working smoke alarms (12.3 deaths vs. 5.7 deaths per 1,000 fires). For public education NFPA has clearly mentioned that "Smoke Alarms save lives". Hence, they need to be installed properly to reduce fire deaths and injuries.

To recapitulate, it is completely evident that electronic security systems play a vital role in our daily lives, as not only they are pragmatically used world-wide for security measures but also assist in keeping a check in other fields which are precarious because of the rampant increase in crime.

Resources

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