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In November 1993, two 10-year-old boys were found guilty of abducting and murdering a two-year old child in Liverpool, England. James Patrick Bulger, the victim, disappeared from the New Strand Shopping Center in Brootle and was found dead two days after on a railway line about three miles away in Walton. The perpetrators, Robert Thompson and John Venables were sentenced to custody until they reached adulthood and were released as free men in June 2001.

The news shocked not only England but the entire world, considering the ages involved in such a violent crime. How the case was decided relied strongly upon a video footage of Bulger being led away by his killers in the shopping mall. This has increased public awareness of the extent of juvenile delinquency and of the significance of video surveillance in residential and commercial facilities to promote security. Over the years, video surveillance has been found to be an effective tool in decreasing crime rate.

Various studies have shown that video surveillance has decreased crime rate in parking lots, public transportation areas, and other systems in public setting. Today, closed-circuit television (CCTV) cameras are not only installed for public area monitoring but also for residential or private property monitoring. They secure property and household welfare and aid in detecting and convicting offenders.

In other words, video monitoring serves as preventer, detector, and identifier in a physical security system. As technology advances, a property owner can maximize these uses of video surveillance by employing applications that allow remote monitoring. In contrast with having all components of the video surveillance system installed inside a single facility, todayâ€™s video surveillance can be viewed from a distant location. This allows a property owner to monitor his property through video surveillance even in his office or at the shopping mall.

Remote video monitoring works either by direct Internet connection or through dedicated application software. The remote monitoring device is attached to a serial port to create a serial interface necessary to view footage. A global system for mobile communication (GSM) or general packet radio service (GPRS) is used to provide a wireless modem interface.

The wireless security system uses real time clock (RTC) to record the time for each logged event. All the important applications that build the features of a Remote video monitoring system are synchronized by database synchronization. This allows the alarm processing to work simultaneously with the data logging to alert the property owner of unwanted events.

To learn more about remote video surveillance, you can check out HowStuffWorks.com. This website provides more in-depth explanation of the specific components of a video surveillance system, including their significance in a security system.

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