

INTELLECTUAL MONITORING SYSTEM AND IT TECHNOLOGY

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ANNOTATION

Many homeowners choose to install CCTV systems inside or outside their homes, sometimes both. CCTV cameras are an effective deterrent for potential attackers, as their use increases the risk of identification through camera images. If someone goes around wealthy settlements on the outskirts of the city, looking for the most comfortable house, he has a clear CCTV system, alarms or other security measures, he will make the house a more difficult target, and they can move on to the next House.

Modern CCTV systems can be monitored through mobile phone applications, allowing people to view live images of their homes from anywhere with Internet coverage. Some systems provide motion detection, so a warning can be sent to the phone when motion is detected.

In the United States, United Kingdom, Canada, Australia, and New Zealand, CCTV is widely used in schools due to its success in bullying, vandalism prevention, visitor monitoring, and criminal evidence recording . There are some restrictions, with cameras not being installed in "reasonable privacy expectations" places such as bathrooms, gym cabinets, and private offices (unless the office holder's consent is available). Cameras are generally accepted in hallways, parking lots, front offices where students, staff, and parents come and Go, Gyms, kitchens, supply rooms, and classrooms. Some teachers oppose the installation of cameras.

A study of high school students in Israeli schools shows that students ' views on CCTV used in school are based on how they feel about their teachers, schools, and authorities. Also, most students said they did not want CCTV installed in the classroom.

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Organizations use CCTV to monitor workers ' movements. Each action is recorded as an information block with subtitles explaining the operation performed. This helps to track the actions of workers, especially when carrying out important financial transactions such as fixing or canceling sales, withdrawing money or changing personal data.

Actions that the employer wishes to control may include:

Scanning of goods, selection of goods, price and quantity input;

Entering and extracting operators into the system when entering passwords;

Delete transactions and change existing documents;

Carrying out certain transactions, such as financial statements or transactions with cash;

Moving goods, cancellation and calculation of reassessments;

Control in the kitchen of fast food restaurants;

Change settings, reports and other official functions.

Each of these operations is transmitted with a description that allows you to observe in detail all the actions of the operator. Some systems allow the user to search for a particular event in terms of time of occurrence and text description, and perform a statistical evaluation of operator behavior. This allows the software to predict deviations from the standard workflow and record only anomalous behavior.

Most urban and highway networks have extensive traffic control systems using a closed circuit television to detect traffic jams and report accidents. However, most of these cameras are owned by private companies and transmit data to drivers ' GPS systems.

Highways England has a state-owned CCTV network of over 3,000 Pan-Tilt-Zoom cameras covering the British motorway and highway network. These cameras are primarily used to monitor traffic conditions and are not used as speed cameras . With the addition of stationary cameras for an active traffic control system, the

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number of cameras on England's Highways CCTV network may increase significantly over the next few years.

Congestion charging in London is carried out by cameras located within and within the boundaries of the congestion zone, which automatically read the numbers of vehicles entering the area. If the driver fails to pay the fee, a fine is imposed. Similar systems are being developed as a means of detecting cars that have been reported stolen.

Other surveillance cameras serve as traffic control cameras.

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