cdi
Services

Integrated Security Systems

CDI Services Design, Supply, Install & Maintain a simple to use PC Based integrated control system for all types of residential & commercial facilities.

This system integrates Intruder Alarm, Access Control, Video Management, Fire Alarm Warnings, Panic & Distress Alarms and Environmental conditions. Using this type of solution the security & safety systems within one or more buildings can be controlled and displayed via the one system.

Key Benefits of An Integrated System

Security

There is a major benefit in having one supplier with complete responsibility for all of the security functions.

Simplicity

A single PC software program controls all of the security functions, it is easy to learn and allows the system to be simply monitored and administered.

Time Saving

Everything can be controlled from the same place, saving time at installation, and during operation and in service.

Cost-effectiveness

Installing one set of cabling, hardware and software results in lower installation and running costs.

Central and local Control

The system, although integrated bringing together intruder alarm, access control, video management and fire warning, it is also a decentralized system. This means that there is no central control unit. Instead, the system is distributed via a communications network comprising of small locally placed intelligent units, which will control alarms, access control and video surveillance autonomously.

For example, if the intruder alarm is set off in a remote building, this can be seen and acted upon centrally. At the same time, the alarm can be relayed to the Alarm Receiving Center using normal communication paths. This means that although the system can be controlled and administered centrally, in the event of any communication failure the system will function independently continuing to provide reliable security.

Providing bespoke solutions for the **C**ommercial, **D**omestic and **I**ndustrial market is our speciality.

Intruder alarm

Nowadays, intruder alarms are a matter of course for most organizations. They prevent and minimize loss in the event of a break in. The system provides a completely flexible structure for controlling all alarm functions. In addition to the standard functions of an intruder alarm, it is possible to set a range of additional functions such as: fully automatic set and unset; control by card; code only or card + code. There are also user programmable functions that will allow logic conditions to control delays, interlocks, access and alarm control. By connecting a mobile telephone module to the system, you can also receive detailed alarm information via (SMS) text messaging to your mobile telephone. The system can handle all types of alarm input. For guards and system operators there is also a special indicator control panel for controlling and reporting the system status and events. Naturally, all setting and resetting of alarm conditions are displayed simultaneously on the PC and the local control panel.

Video management

Video surveillance provides unique opportunities for preventing and tracking events. This is a complete digital video management system. An unlimited number of cameras can be connected to the system and each camera can be programmed separately based on individual criteria, such as motion, date, special events, different times during the day, or different days during the week. A 'trigger' from the intruder alarm or fire alarm, invalid card/code, etc. can direct selected cameras to record pictures before, during and after the alarm input. The entire sequence of events can then be played back directly on the PC via reports or video images, providing a direct time synchronization between the alarm event and the image. You can also search via time/date, event, activity or motion. This provides maximum flexibility, allowing you to focus on the increased security awareness that may be needed at different times. The system can be quickly used to detect and investigate events that deviate from the normal pattern

Access control

It is important for resident & staff safety, including the buildings security, that only authorized individuals are admitted. The use of a Proximity system avoids the use of keys, which can often be misplaced, stolen or copied. Instead, authorized personnel use a token. If a token is lost or stolen it can easily be locked out of the system. The system can be adapted to all types of installation, from a single door with an electric strike or motorized lock, to high-security facilities with thousands of doors and users. With an extensive range of readers the system offers a wide choice of options. You can choose to open doors and control alarms via a keypad, magnetic card, proximity reader (range 10 cm) or hands free reader (range 1 m). The system also offers a function for programming access cards, providing simple and economical card management.

Fire warning

The fire 'warning' uses the system's architecture in order to inform and to protect people and property. The system contains functions for evacuation alarms in the event a fire and fire door closure. In addition, all selected doors can be opened or closed automatically. In the event of a fire, lifts can be shut down and the airflow from ventilation units cut off. Fire 'warning' should not be confused with a traditional fire alarm, but the system is the perfect solution when you need an evacuation alarm and/or a system to close fire doors that may have been left open.