



Access Control: The Ideal Security System:

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As technology continues to become more advanced, digital security has reaped the benefits by increasing the sophistication of capabilities at scale. But with growing business operations, maintaining security has become increasingly challenging for security teams. In order to help streamline security processes, Access Control systems have allowed the ability to scale security efforts while reducing costly operational costs. In order to illustrate this point, let's walk through Access Control in more detail.

What is an Access Control System?

Access control systems regulate the entry or access of a restricted area of physical properties such as an office or commercial building to only authorized individuals. Instead of staffing highly restricted areas with security staff, businesses can leverage real time technology systems like RFID readers, badge readers, video surveillance system and security gates.

Access Control System Components:

Alarm Management:

As the name implies, a large component of access control includes the physical alarm system that deters intruders by utilizing high intensity sound to alert security teams of any unauthorized access to restricted areas. Common commercial security alarms include various motion sensors and devices such as badge readers that maintain the security of restricted areas.

Not only are commercial security alarms used to prevent the unauthorized access of thieves and burglars in commercial properties, but access control can be used to ensure that only authorized employees gain access to sensitive areas throughout the workplace. For example, should a help desk employee have the same access to financial documents as accounting? Should accounting have the same access to network servers and hardware as the help desk employee? Depending on your business, Access Control allows you to create various levels of security for specific job functions.

Computer Security Management:

Every business holds some form of sensitive data whose security is essential for the business and the customers of the business. This data usually contains personally identifiable information which should be protected from any external threats at all costs.

While the term Cybersecurity often puts security teams on high alert, most folks think about this concept through the lense of foreign hacker. However, most businesses fail to create processes that stretch beyond the firewall and focus on the physical hardware and network assets located onsite.

Access Control leverages the concept of computer security management by restricting physical assets from potential threats and users who do not have proper authority to interact with sensitive data. By leveraging badge readers and cloud based storage, access control ensures the safety of your data while ensuring access can be available via the internet anytime and anywhere.

Identity Management:

Identity management, also known as identity and access management, is a series of combining policies and technologies used to confirm that only the appropriate people in an enterprise have access to technology resources.

IP readers are an electronic security device that identifies genuine users and controls both entry and exits in protected areas. Most IP readers have an internal web server and support alignment via a browser or via software installed on a cloud based host server.

The system leverages a fingerprint as an impression left by the ridges of a human finger. Every individual has a unique pattern of ridges. Thus, fingerprints help to trace the eligible person and strengthen the level of security for each restricted area.

Biometrics is the term used for body measurements and structural calculations. All these metrics helps to uniquely identify the person.

Enhanced Gate Security Management:

Door security or gate security can be used to strengthen doors against door breaking and prevent crimes such as burglary, theft, and public crimes. Door security is used in commercial and government buildings, parking areas as well as public buildings.

Smart locks can be used to limit door access to only people with an electronic key or communication device, like a smartphone. The locks can record the times of entry and can activate an alarm if they are struck during a crime attempt.

The doorbell call button on the LED keypad calls to trail of who comes and goes via individual PIN codes and recorded video. One can also control the Gate Smart Lock via apps on iOS or Android.

Enhanced Key Management:

Key management makes the use of cryptographic keys in an organization. The generation, storage, and exchange of keys are the main purpose of key management. There are three types of keys i.e private, protected or public

A lock is a machine-driven or electronic device that is unconstrained by a physical object such as a key, keycard, fingerprint, RFID card, security token, coin, etc., by supplying secret information such as a number or letter permutation or password, or by a combination of all of them.

Physical Security Information Management:

Physical security information management is a special kind of software that provides a single platform or application to integrate multiple independent security applications and devices and control them through one inclusive user interface.

Commercial Security Management:

Security management is the process used to secure assets of an enterprise which includes people, buildings, machines, systems, etc. In this process, the assurance of security is provided by development, documentation of policies and procedures.

When you install a Crime Alert Access Control system, you're investing in a team that is always there for you. We take care of all aspects of your security so you can focus on your core business without having to worry about day-to-day security operations and system updates.

Beyond installing your equipment, our professional staff configure your systems, maintain procedures, rapidly respond to threats, repair hardware when it is needed and train your team on operating all aspects of your system. We are there for you 24x7 protecting your business and keeping you secure.