

CASE STUDY

ON

ACCESS CONTROL SYSTEM

PREPARED BY

**INTSYS
TECHNOLOGIES**

ABSTRACT

Building security is a common concern for businesses of all sizes. Security needs are ever changing and in the modern era, we are vulnerable to a number of security threats from theft to vandalism to violent crime.

Access control systems are designed to keep people, premises and data safe. This system ensures that only authorized individuals gain entry to certain areas of a facility and can also be integrated to use it as a time management system which can track employee's attendance and other data.

By implementing an access control system, an organization can better monitor who is accessing their facilities and increase safety for all.

Intsys Technologies provides a solution to enable gradual transition to new standards - reducing impact on on-going work. This speeds overall organizational output, creating a win-win situation for the organization.

PREVIOUS SCENARIO

In this day and age, threats are endless, and it is not predictable what kind of people will walk through the organisation's door.

Without a secure access control system, the business will have an increased amount of risk and exposure. With a fully operational access control system in place, you will be able to successfully prevent unauthorized individuals from entering your building.

Many times, business owners become frustrated because employees enter their building on the nights or weekends without their knowledge and this can lead to any number of issues.

Unmonitored activity in and around the business can lead to some serious problems.

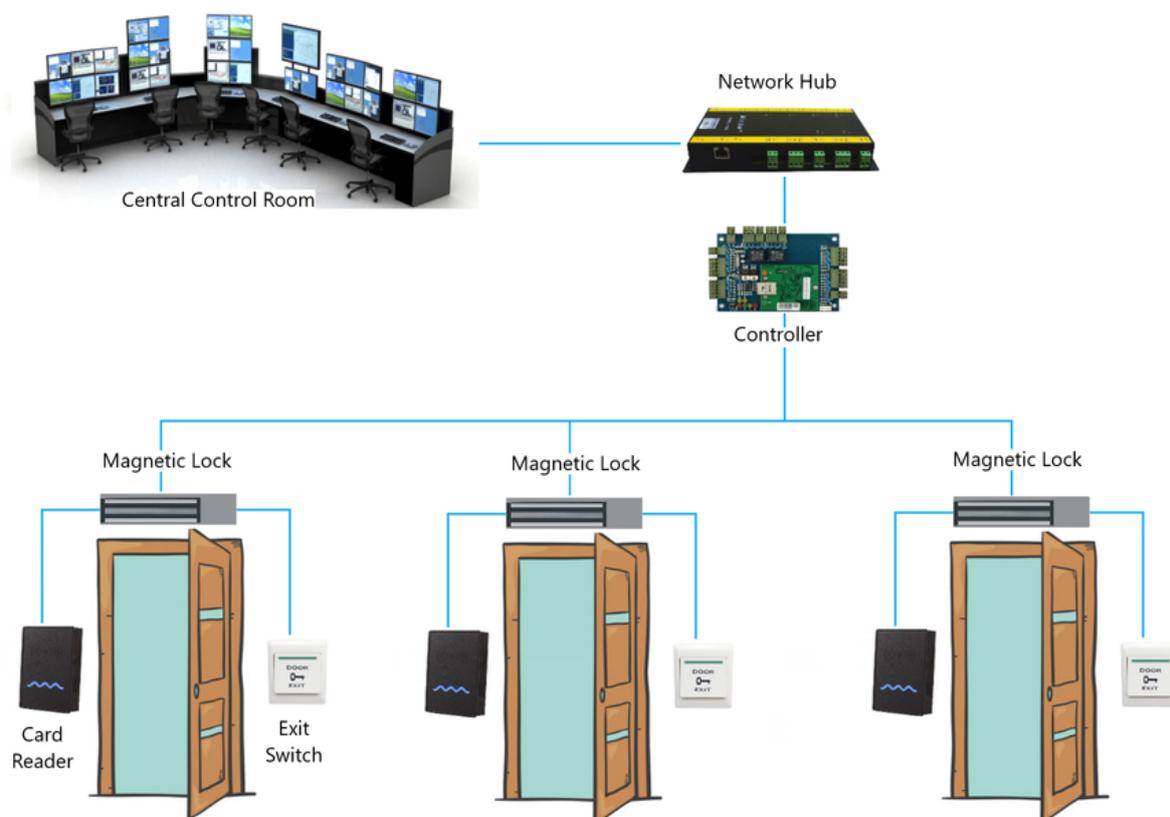
Without a secure access control system, it is not possible to enable different levels of restricted access based on the status of employees.

A secure access control system makes it easy to let you know who comes and goes in your building at all times.

Although secure access control can't prevent theft completely, it can hinder it by prohibiting employees from accessing the building during certain hours or anytime outside of their shifts.

SOLUTION OFFERED

With many years of experience and specialized knowledge, Intsys was able to provide a wide range of services encompassing all aspects of the Automated Controls, security and time management.



HOW SOLUTION HELPED

Corporate Leased Line was used to reduce networking costs, and to minimally impact the rest of the corporate traffic.

Doing this can help manage everything from a central site and manage them all from a single point of control to reduce our management overhead.

A database of all company employees is recorded that is updated into a Smart Card.

These cards are unique to each employee and can be used for multiple purpose:

- Time and attendance management
- To grant access to only specific locations pre-set by the company for them.

The data is recorded in the central security server of the organization's system, and also copied to the employee directory where it is available to all employees.

Access to company resources is determined by the employee profile, which is assigned automatically based on the person's employee status and then customized according to individual job needs.

Access control can also be used alongside a time-logging systems which can then record data of when an employee starts their day or leaves for the day, preventing them from not clocking out in an attempt to gain more hours when they are actually not working.

CONCLUSION

While the CCTVs were used for prevention of thefts and break-ins, with advancements in technologies, we can now integrate the CCTV System with various functionalities such as Fire Alarm, Packet Tracking, People Access System, etc.

Apart from this we also have various video analytics available:

- Motion Detection
- Line Crossing
- Intrusion detection
- Object Abandoned
- Object Missing
- Crossing the fence
- Reverse Direction Detection
- etc

To know more about the various solutions we offer, contact us via the details mentioned on the next page.

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