



ACCESS CONTROL SYSTEM - OVERVIEW

- **Access control for doors, elevators, alarms and energy management**
- **Wide range of innovative features**
- **Fully distributed architecture**

Overview

The CS Technologies access control system allows powerful management of access to doors, elevators, alarm areas and also provides very cost-effective energy management. The system consists of a network of intelligent 'black boxes' each of which controls a group of doors, an elevator or alarm processor. Each controller is fully distributed, and contains all programming necessary for seamless continuous operation regardless of the rest of the system, including user credentials, access levels, timezones, public holidays and other settings. This makes the system very reliable. The system is programmed and monitored via easy-to-use Windows-based software which stores user information and provides powerful audit trail reporting facilities. A wide range of reader technologies are supported, and the system incorporates advanced features to provide high security while maintaining convenient and cost-effective access control.

System architecture

The heart of the system is the reliable and powerful CS Controller. This 'black box' can be configured to control:

- up to four doors for access control
- an elevator with up to 84 floors (including full floor destination reporting and intercom triggering inputs)
- up to 256 alarm areas
- combined access control and alarm systems with automatic arming and disarming
- energy management including temperature monitoring and lighting and air conditioning control

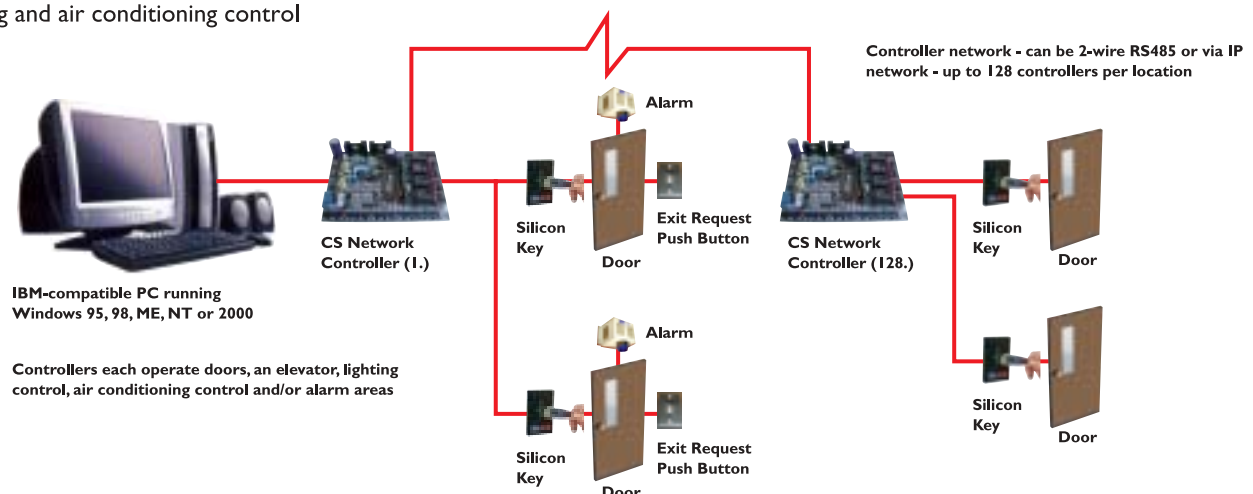


The controller can be linked together in a network with up to 128 controllers to form a powerful and flexible system. This network is programmed and monitored from a PC running a Windows-based, easy to use software package.

Innovative technology

Many features of the system contribute to its unique power and flexibility. These include the use of a full 32-bit credential per user (no degraded mode, each user has its own site code), a wide variety of reader technologies (silicon key, smartcard, proximity, wiegand, presco, radio, biometric) and the advanced PIG (Point Identification Gadget) technology which allows distributed I/O as well as temperature monitoring.

Built on the experience gained through years of practical field implementations the system is robust and well-proven in thousands of installations world-wide.



Defining the Future of Access Control

