

System Overview

Access control is the process of controlling who is allowed to go where and when. These are known as access rights. Each person can have different access rights depending on their needs.

The system normally identifies each person by means of a card, which is presented to a reader located at the entrance to each access-controlled area. The system automatically grants or rejects access to the area, depending on the access rights you have set up.

The access rights you set up are automatically downloaded to the control units which perform all local access decisions without PC control.

People who know our product soon appreciate that its access control features are possibly the most flexible and easy to use of any system that is currently available. The user interface provides flexibility without complexity, enabling sophisticated access rights to be set up quickly and easily to match each card holder's individual needs.

The wealth of features provided by the system, such as the ability to use access codes to create a library of access rights, help you to save time, reduce administration overheads, react more quickly to required changes and customize the system to your exact requirements.

The bulk amendments feature allows access rights to be applied to large numbers of card holders simultaneously.

Key Features

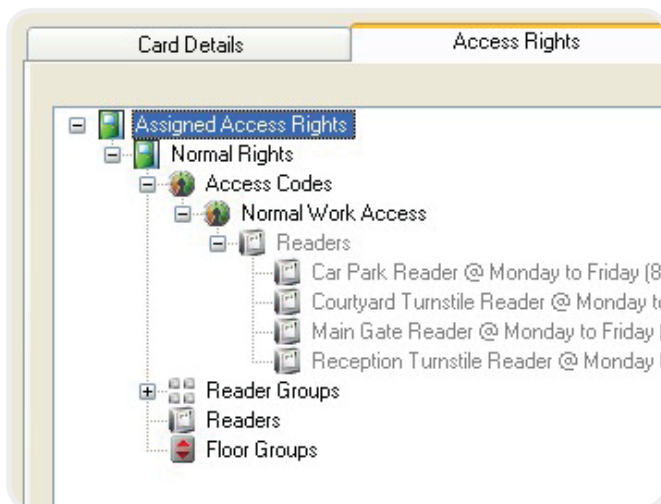
- Controls the doors and times each person can gain access
- Sets up a library of access rights – allows easy selection of access rights
- Different access rights can apply to different doors, elevator floors, times, days and holidays
- Easy setup and modification of access rights using graphical tree views
- Reader groups make it quick to allocate the same access rights to several readers in one operation
- Time codes allow access times to be defined and modified with ease
- Bulk changes to access rights are straightforward to implement, and are ideal for government organizations, colleges and companies of any size
- Badge designs can have default access rights, making access rights assignment automatic with badge selection
- Comprehensive alarm monitoring and reporting

Access Codes

- Access codes enable the access rights for a group of workers to be set up in one operation
- An access code can be assigned to one or more card holders to define their access rights
- An access code specifies access to readers, reader groups and floor groups (see below)
- Time codes restrict access to specified times (see below)

Time Codes

- Time codes are applied to readers and reader/floor groups to define allowed access times
- Access times can be different for different days of the week and holidays
- The system provides a fully-graphical user interface for defining time codes





Controlling Access

Control Access Through Doors and Elevator Floors

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Holidays

- One or more holiday dates can be assigned to a holiday group (e.g. "National Holidays")
- The same access times apply to all holidays in the group, making holiday setup easy
- Up to nine holiday groups can be set up Bulk Card Amendments
- Allows the access rights of one or more card holders to be changed in a single operation

Card Holder Access Rights

- Access rights are defined using access codes, readers, reader/floor groups and time codes
- Advanced access rights allow temporary access to selected areas within a specified date range
- Active and inactive dates enable the card to be used only between specified dates
- A limit to the number of times a card can be used can be set
- A card can be made automatically inactive if not used for a specified period of time
- Selected card holders can have extended door unlock and open periods
- Selected card holders can use card commands to change the door open period at the readers

Badge Access Rights

- Default access rights can be associated with a badge design
- When a badge design is allocated to a card holder, the access rights are applied automatically
- The default access rights can be overridden for any card holder
- Badge access rights can expire after a specified time period

Reader Groups and Floor Groups

- Reader groups and floor groups enable the same access rights to be applied to several readers or elevator floors in one operation
- There is no limit to the number of readers or floors that can be in a single group Shared reader/floor groups enable access to readers belonging to another company

Commands

- Timed commands enable doors to be locked and unlocked automatically at specified times, or reader modes to be changed (e.g. from card-and-PIN to card-only mode)
- Commands enable selected areas to have different levels of security at different times
- Devices (e.g. lights) can be switched on automatically when a card holder is granted access
- Powerful timed and conditional commands enable extensive system customization

Other Features

- All access rights are set up using easy-to-use graphical tree views
- Many different types of card and reader technologies can be used
- Access rights are automatically downloaded to distributed LAN/WAN or dial-up nodes
- Nodes handle all local access-control operations; there is no need to keep a PC running
- Comprehensive reports show breaches of security (see the Reporting Features Data Sheet)
- The system provides extensive alarm monitoring features (see the Alarm Management Data Sheet)
- Access rights can be set up from the optional Web client (see the Web Access Data Sheet)
- Access rights to multi-site systems can be set up at a central site (see Symmetry Global Data Sheet)
- Timed and zonal anti-passback rules prevent a card from being passed back for re-use

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