

AccessOne  
Modular Access Control

# Access With Added Value





## The Best of Both Worlds

Online controlling and monitoring at security-relevant doors with complex requirements plus offline mechatronic equipment at doors that have an organisational function, just to control them securely, wirelessly. AccessOne, the intelligent access control system, makes all that possible.

- Extremely user-friendly – all changes and evaluations are performed centrally, on the PC
- Flexible utilisation – quick and easy assignment of individual access rights
- Comprehensive security – authorisations can be controlled online, even on doors with no online cable connection
- Intelligent extensions – parking space administration, ID card creation, time data capture, burglar alarm system etc. can all be integrated
- Exceptionally cost-effective – no need for cables on the majority of doors

# Less Cost, More Benefits

The examples below describe just some of many possible applications for your intelligent access control system.

## Staff access

No matter what happens – if a key is lost, if organisational changes are made, if staff change within a department or if the department itself is relocated: AccessOne's flexible functionality helps you implement every change in your team. Authorisations, stored on the access media, are validated by the online readers at central access points. This ensures these authorisations also apply to doors that work offline.

## Visitor access

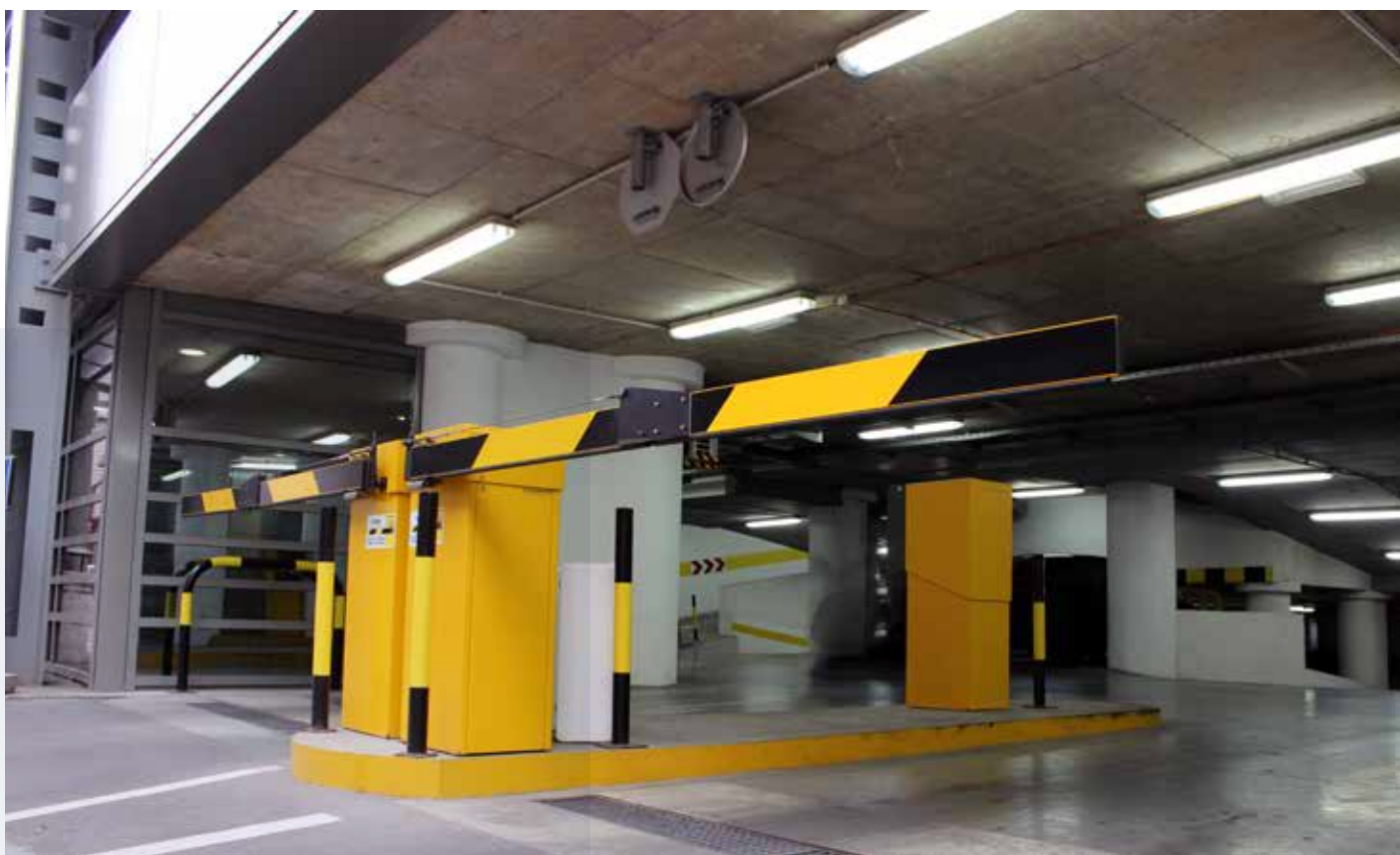
Every member of staff can log visitors on with ease: The browser-based visitor administration system can be accessed from every workstation. Every visitor can be assigned individual access rights, for example, for particular doors and/or for a set time frame.

## Workflow for third-party suppliers

You can issue a special ID card to external craftsmen who need to work on your premises. This also gives them access to the materials they need. Special approvals or instructions can also be stored and checked. The craftsman then simply sign and confirm on an electronic signature pad. To ensure data protection and security requirements are met, the master data for third-party suppliers is stored separately from the master data for the company's own in-house staff.

## Access to parking spaces

AccessOne uses entry and exit readers to grant or prevent access to parking spaces. The use of each parking space can be controlled individually and reliably.





# Interaction of Online and Offline Equipment

AccessOne can handle all kind of different scenarios by combining online access control and offline locking devices, enabling you to create effective yet cost-effective access solutions.

## Online access control

AccessOne's access readers can be installed on external doors, automatic barriers, main entrances or other accessible places. They are permanently linked to the access control system. Individual access rights for all doors or gates can be defined and administered in the access control system database. The access readers recognise authorised locking media and grant them access. At the same time, the readers also update the locking media.

## Access media that are always up to date

The online reader checks the access authorisation every time an access medium is used. The current authorisations for the doors are saved simultaneously on the medium. This also applies to doors that work offline. Based on this the system also records and documents every time the medium is used on offline locking devices.

## Offline locking devices

These are electronic cylinders or handle sets that are not connected with the access control system via a cable. They are battery powered and work stand alone. If they recognise an access medium, they read the access rights saved on it first. The door lock will then either be released or will remain locked.



# System Layout



# Systematically Secure

With AccessOne you are choosing a modular access control that will convince you in scalability, transponder technology and security.

## The possibilities are almost endless

AccessOne has a multitude of intelligent functions and enough system capacity to meet your every need:

- No limit to the number of master data records
- Up to 200,000 active media/ID cards
- Up to 100 clients
- Up to 16,000 access readers
- Up to 100,000 offline devices
- MIFARE® DESFire and LEGIC advant can be used as ID media technologies, either separately or together
- Compatible with OSS Standard Offline

## Access media: always up to date

AccessOne uses the latest RFID technologies, MIFARE® DESFire or LEGIC advant, as access media. They can also be used together in the same installation. All the access media work passively (without external battery power supply) and contactlessly.

Possible variants:

- CES electronic key
- ID card, ISO format
- Key fob

## Security ...

### ... in the system

- 128-bit AES-encrypted data communications
- An optional UPS can be integrated
- Automatic software logout
- Logging of all activities and data changes
- Process monitoring with automatic restart if an error occurs
- Data protection ensured by four-eyes principle and graduated user rights
- Optional Multi-Client license to manage system parts separately
- Server redundancy (additional license needed), hot standby

### ... on doors

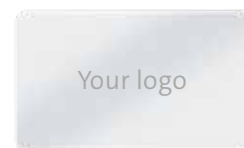
- Control to whom, when and where access is granted
- All accesses are documented
- Anti-passback
- Door open time monitoring with pre-alarm and alarm (silent alarm also possible)
- Access card validities for offline devices can be updated
- Blacklisting for offline devices



CES combination key/CES key fob



SlimLine variants



ID card





**C.Ed. Schulte GmbH**  
**Zylinderschlossfabrik**

Friedrichstraße 243  
D-42551 Velbert, Germany

☎ +49 2051 204 0

☎ +49 2051 204 229

✉ info@ces.eu

[www.ces.eu](http://www.ces.eu)