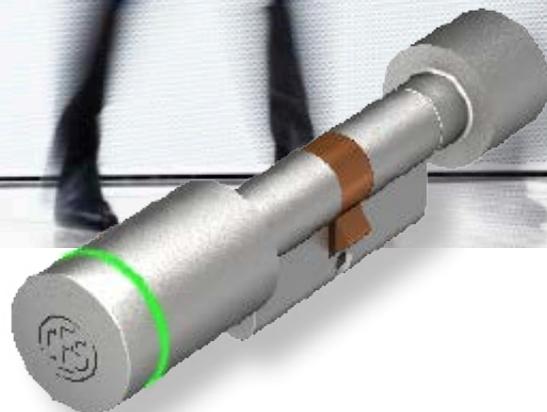


OMEGA FLEX

Access management for every door
(ID systems LEGIC and Mifare)



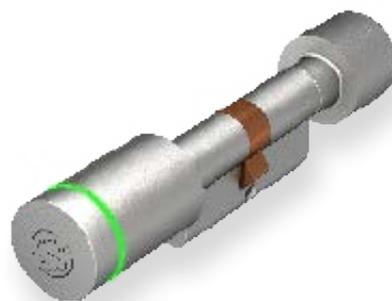
OMEGA FLEX



OMEGA FLEX is suited for every organization

State-of-the-art access control in buildings demands innovative solutions that are adaptable to a variety of requirements. With its ingenious design and easy integration, OMEGA FLEX offers optimal flexibility for complex building situations and organizational structures.

Dynamically controlled access authorizations allow an easy management of user-, time- and room-specific locking media for employees, visitors or tradesmen. When a locking medium is lost, it is simply disabled in the system and a new locking medium is issued if required. Your locking system remains secure at all times and you always know who has access to which rooms at which times.



OMEGA FLEX

Cost-efficient with full functionality

Mechatronic locking components are a cost-efficient alternative to conventional access control systems because they do not need any elaborate wiring at the door. The cylinders and fittings are battery-operated and are simply inserted in the existing locks.

For every door, you specifically decide if transponder media with or without time limitation are to be used. The NoTime variant will - just like a mechanical cylinder - only detect whether or not access is authorized, regardless of any time limitation.

With Time variant you can grant access authorizations for defined periods. You can also query who operated a lock at what time. The NET variant offers all the

functions of the Time variant and can additionally be monitored and controlled online via radio communication.

This scalable functionality is matched by a variety of programming options. For smaller properties with only a few doors and few users, programming with simple Master cards is the ideal solution. For more complex systems, PC programming using a radio link is the recommended option.



Entrance areas that are used by a large number of people require adequate security. OMEGA FLEX provides you with the right solution for every task.

OMEGA FLEX

OMEGA FLEX meets every demand

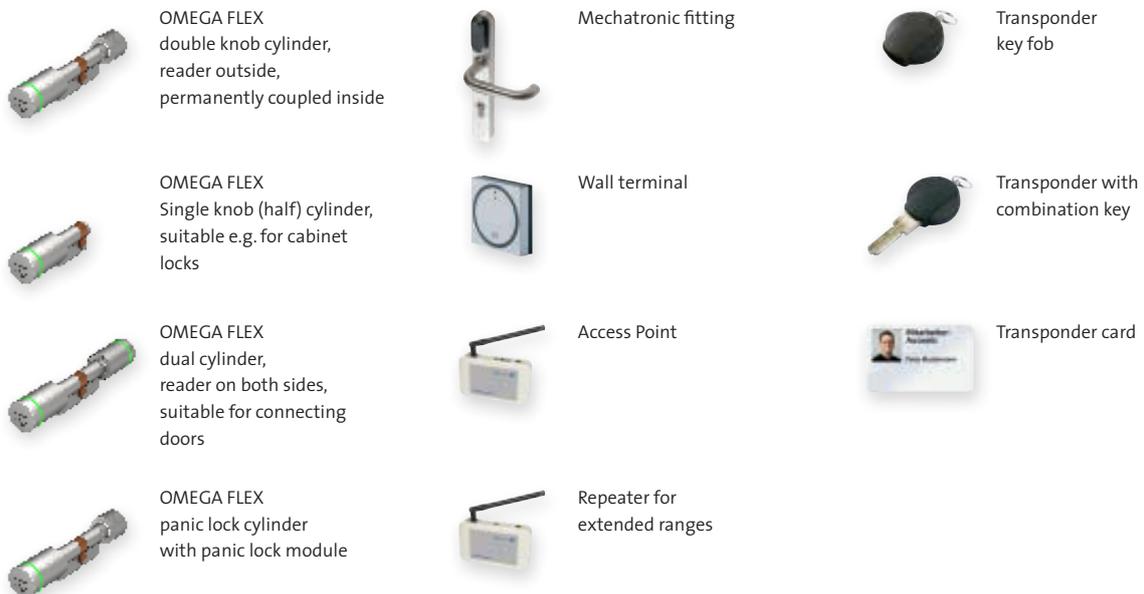
While OMEGA FLEX can be used as a standalone solution for the mechatronic equipment of individual doors, it is equally suitable for complex organizations with hundreds of entrances and thousands of users.

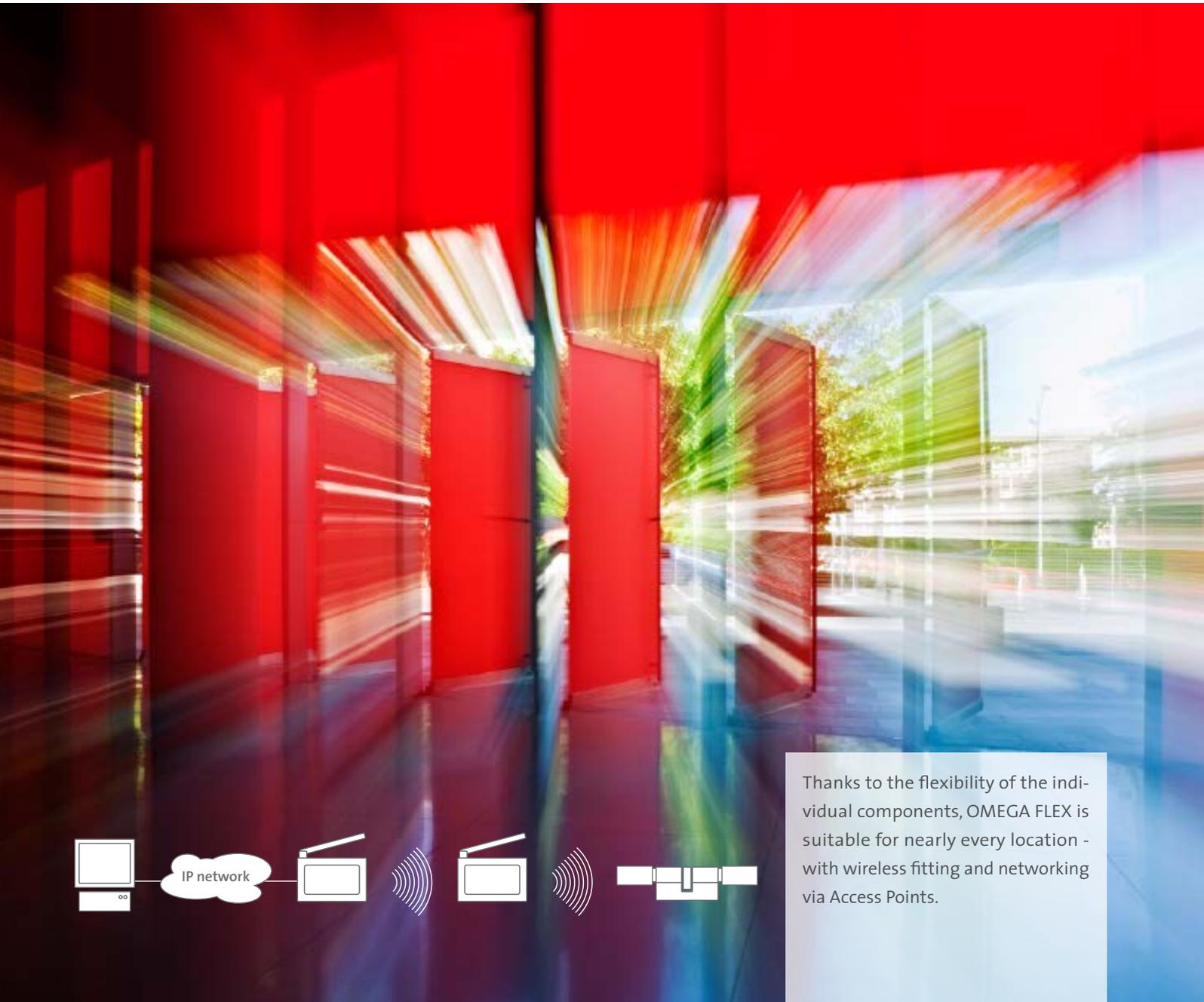
The benefits of the electronic access control system OMEGA FLEX are especially valuable for rambling company areas, multi-location organizations, and for organizations already using Mifare or LEGIC transponders.

Closing security gaps and granting access authorizations e.g. for visitors can be done quickly and efficiently at your computer.

For this purpose, the OMEGA FLEX components are integrated in an IP network via Access Points. Access authorizations are quickly and easily entered in the software and are then transmitted to the entrances using wireless Access Points.

These Access Points also serve to communicate access events and system messages (e.g. battery status) from the wall terminals, cylinders or IES fittings at the doors back to the OMEGA FLEX server in real-time.





Thanks to the flexibility of the individual components, OMEGA FLEX is suitable for nearly every location - with wireless fitting and networking via Access Points.



OMEGA FLEX

Powerful electronic cylinder

The battery operated wireless electronic cylinders can be fitted and programmed in an existing lock with just a few simple operations. No constructional modifications at the door are required. The cylinders offer secure protection against burglary attempts and are suitable for indoor and outdoor applications. OMEGA FLEX cylinders can store up to 2,000 events and up to 5,000 authorizations. An LED light ring and a beeper signal the status of the cylinder during programming, maintenance and operation.

Thanks to small fitting dimensions and an electronics knob diameter of merely 30 mm, OMEGA FLEX cylinders can even be installed in doors with the shortest backset (25).

High-tech inside, high-quality design outside. Premier materials such as brushed stainless steel, and functional components made of high grade copper beryllium stand for the excellent quality and ensure a high-end impression of the product.

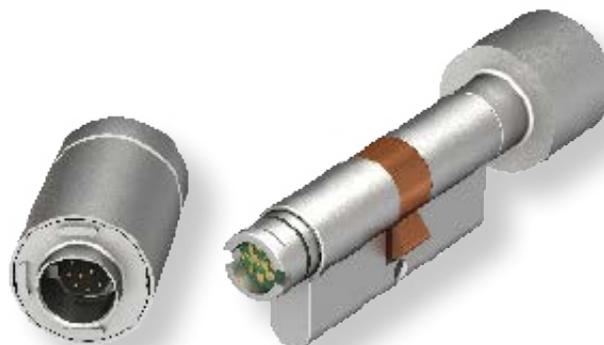
For applications requiring an increased level of hygiene, cylinder knobs with anti-bacterial coating are available.

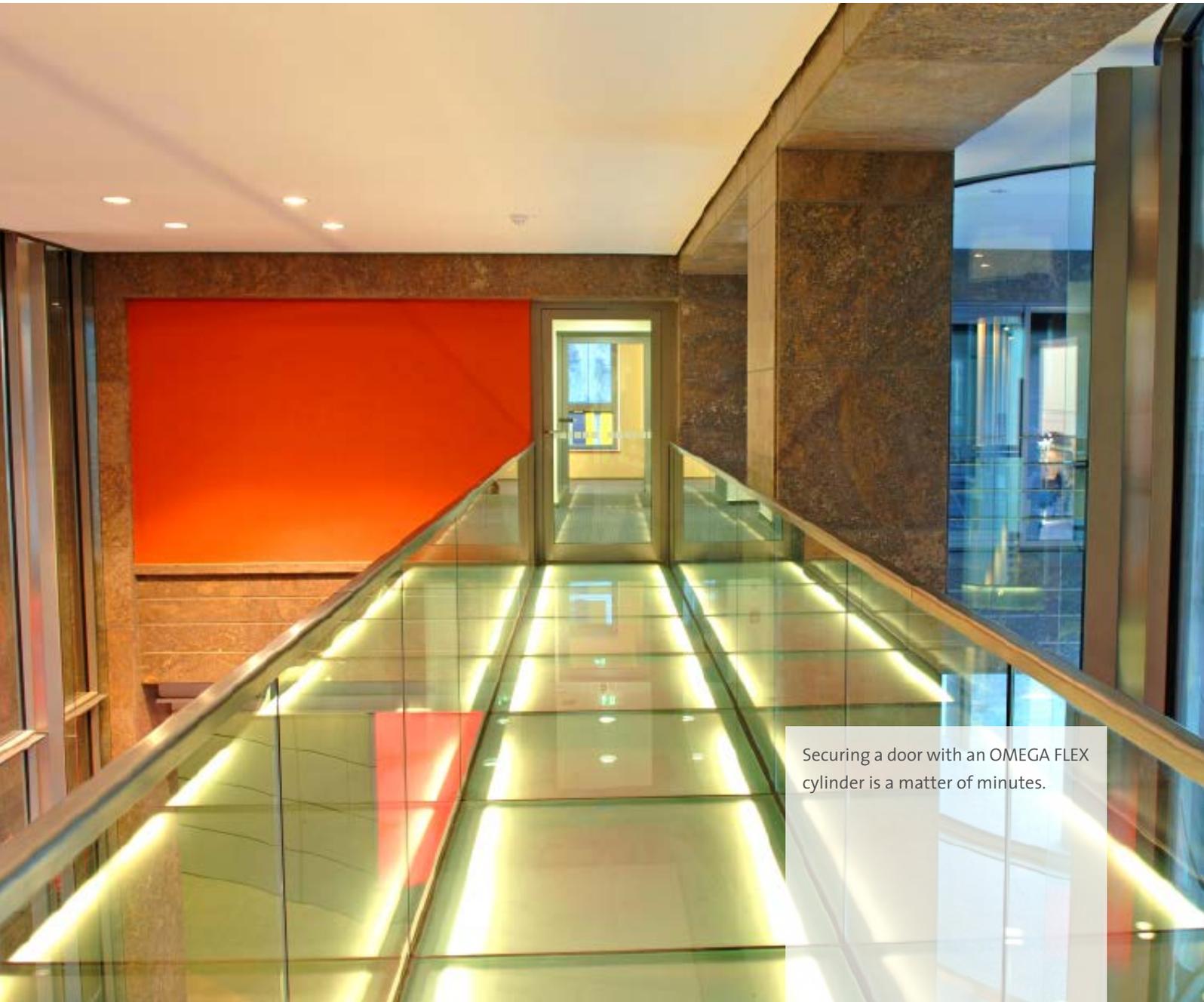
Special soft-touch coatings were developed to enhance the feel.

An OMEGA FLEX electronics cylinder is installed in next to no time.

- Remove the existing cylinder
- Insert the OMEGA FLEX cylinder
- Tighten the fixing screw
- Push on the electronics module and tighten the knob ...

Done!





Securing a door with an OMEGA FLEX cylinder is a matter of minutes.

OMEGA FLEX

OMEGA FLEX provides you with the right cylinder for every door and application

A choice of versions and variants allows you to implement perfectly tailored solutions. Where the building situation does not permit the installation of a standard double knob cylinder, other flexible versions can be employed.

The OMEGA FLEX half cylinder, for instance, is ideal for securing switchgear or key switches for roller gates or lifts.

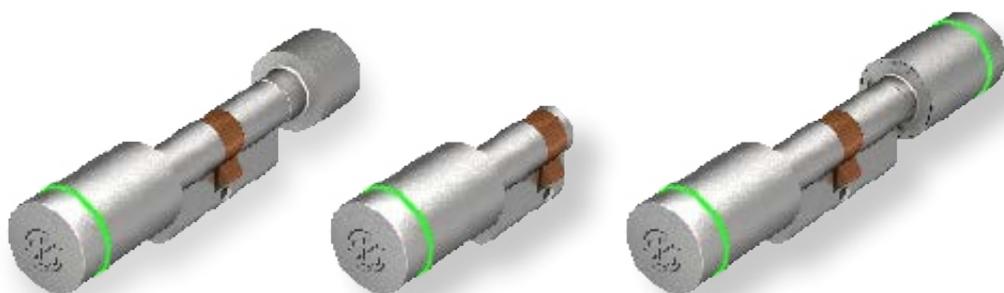
Connecting doors where access authorizations must be checked on both sides of the door can be equipped with a dual cylinder with identification on either side.

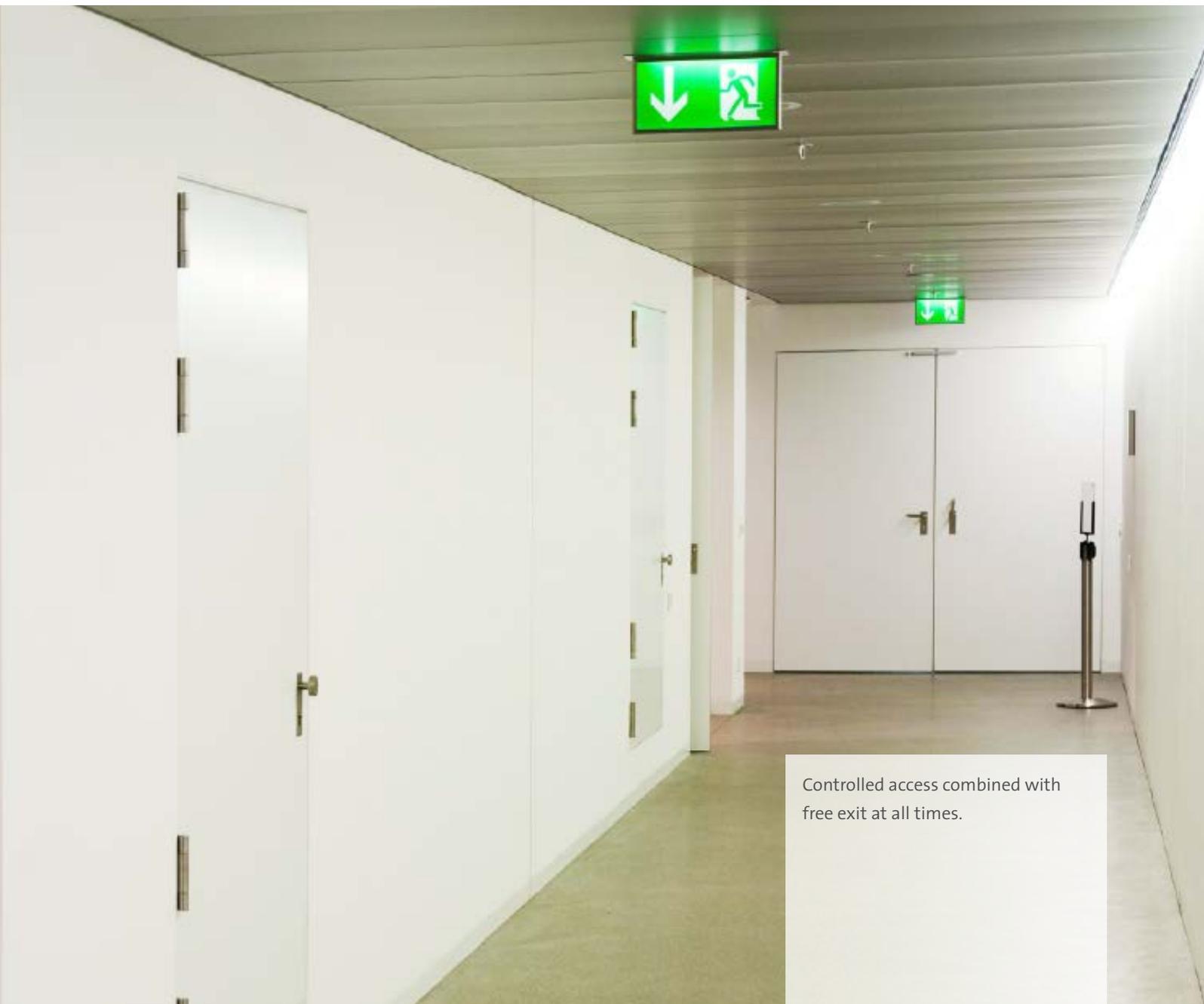
The knob dummy cylinder is an alternative for those doors that are not to be locked from the inside.

Doors on escape and rescue routes make special demands on electronic locking cylinders. While smart locking of these doors is desired, it must also be possible to open them with a single movement in an emergency.

This challenge is met by the specially designed panic lock versions of the OMEGA FLEX cylinders.

The panic lock module ensures that the cam is always returned into the correct position.





Controlled access combined with free exit at all times.

OMEGA FLEX

Fittings

Electronic fittings are an advanced building management solution for many doors. The intelligent electronic shield (IES) is suitable for use in panic locks according to EN 179/1125 as well as for use in fire stop doors.

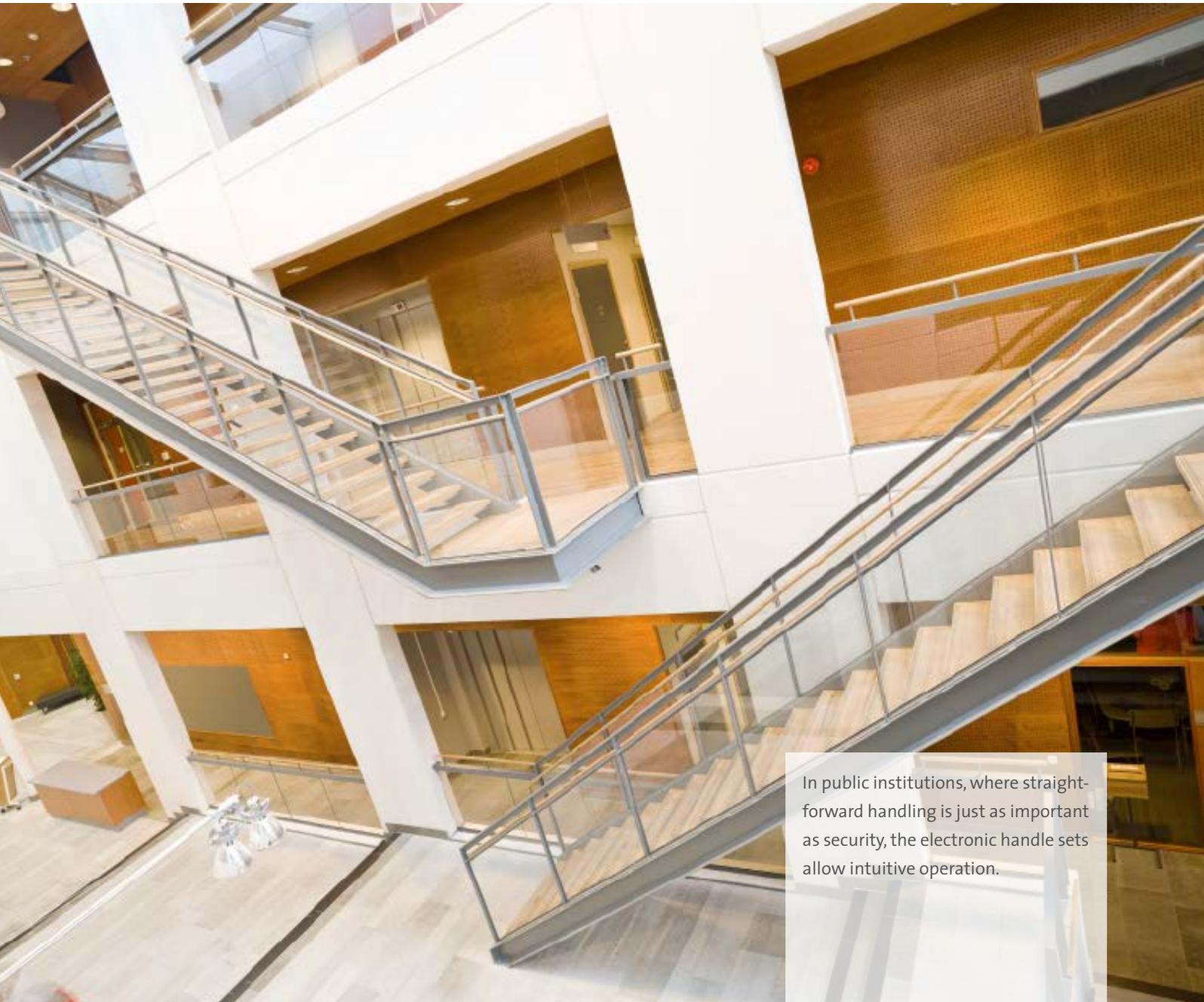
Thanks to the integrated Permanent Open function, the fitting can also be employed for public areas.

Opening the door with the handle is a familiar operation for any user whether employee or visitor and thus readily understood.

The IES fitting is available in a narrow and a broad shield version, both with or without profile cylinder hole.

The IES fitting can also be combined with a mechanical cylinder, a convenient option that allows the door to be unlocked in emergency situations, e.g. by the fire brigade.





In public institutions, where straight-forward handling is just as important as security, the electronic handle sets allow intuitive operation.

OMEGA FLEX

Wall terminals

Wall terminals are used for controlling the access at automatic sliding doors, revolving doors, barrier systems as well as roller or sliding gates, etc. They are available in different designs for both indoor or outdoor applications.

For areas with increased security requirements or passageways where both the entry and the exit may only be made with special authorization, variants are available

which allow installing the electronics module separately from the reader for added protection.

To ensure perfect integration into your environment, we supply housings for the usual switch ranges offered by GIRA, Merten, BuschJaeger and Jung. As regards door communication, our wall terminals are compatible with Siedle und Telecom Behnke.





OMEGA FLEX

Locking media and ID systems

OMEGA FLEX supports a variety of locking media. Apart from contactless ID cards or tags also electronic keys combined with mechanical locking function can be used.

The nuisance of lost keys is history. If a locking medium is lost, the OMEGA FLEX cylinder is reprogrammed and the lost locking medium is simply disabled.

OMEGA FLEX is available for several ID systems. The locking components support LEGIC prime and LEGIC advant applications, both offline and online. Moreover, any Mifare transponder can be used as key.

Even more security is provided by DESFire EV1, with encrypted security mode and authentication between transponder and locking device.

This makes OMEGA FLEX the perfect solution, both with a view to future installations and for integration into existing systems.

All OMEGA FLEX locking devices are NFC capable and thus perfectly prepared for future advances in locking technology.





OMEGA FLEX can be easily integrated into existing security applications using ISO transponders.

OMEGA FLEX

Convenient programming and management

The modular design of OMEGA FLEX is also consistently implemented in the software. The comfortable CEstronics programming and management software puts you in control of all devices and locking media. The user interface is intuitive.

Each and every event at the doors is displayed by the software, also online.

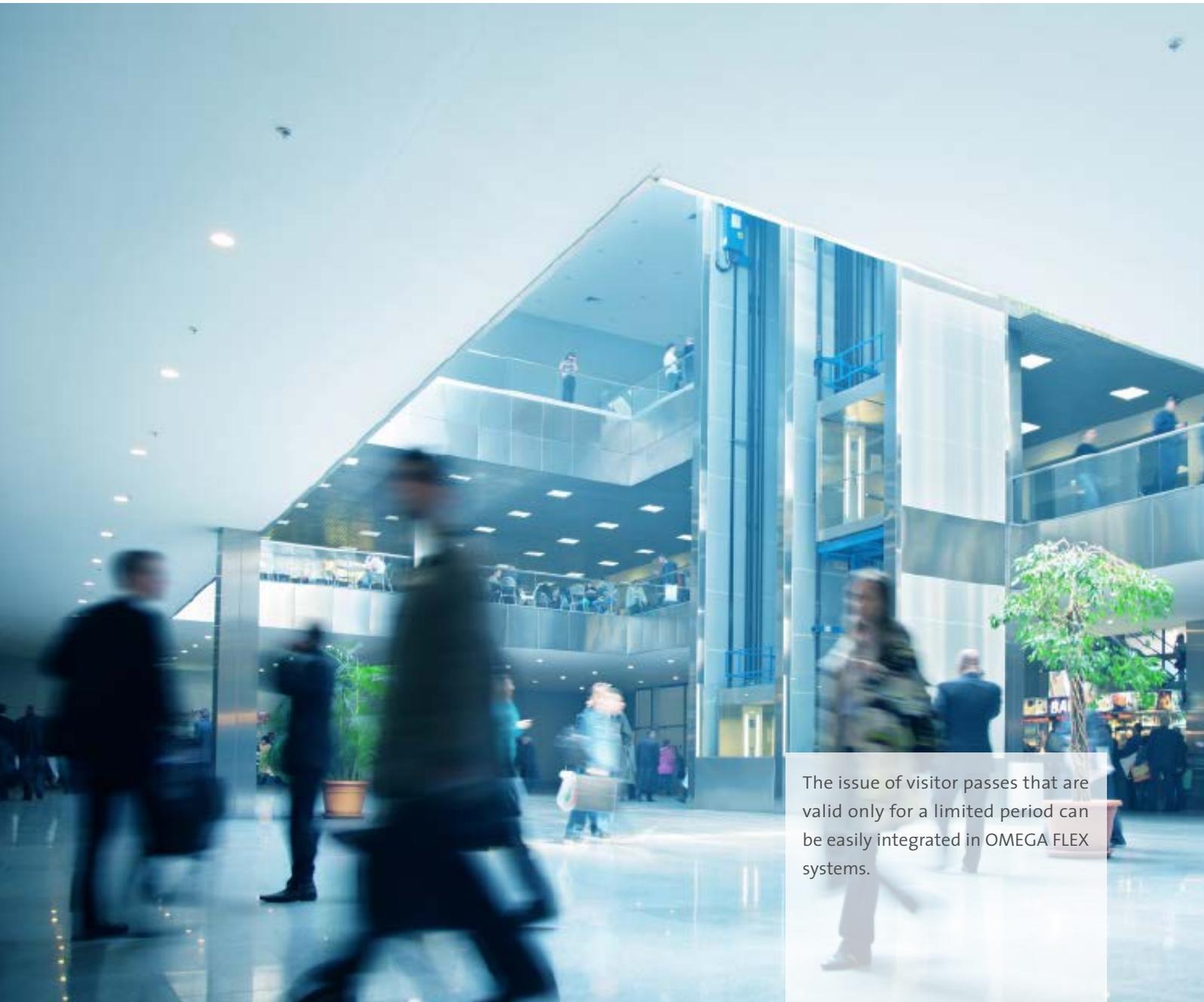
Various licences are available to match your needs for managing small locking systems or large systems with hundreds of doors.

Special features of the software make it possible to enable the Permanent Open status at highly frequented entrances.

Likewise you can permanently block entrances and in that case, the locking media will no longer be read and the door will remain locked. And with the software you can always monitor the security status at the entrances. Even a low battery of a door component is signalled.

With add-on modules, the software can be adapted to meet a variety of special requirements. In addition to the Remote Desktop function (Citrix), programs for the evaluation of presence data and for the so-called Office Function are available.





The issue of visitor passes that are valid only for a limited period can be easily integrated in OMEGA FLEX systems.

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