

# Showing the way for your security – ASSA ABLOY Sicherheitstechnik GmbH

**ASSA ABLOY**

Clients – Brands – References

The global leader in  
door opening solutions



Unlock your life





Bodensee Therme Überlingen	4   5
Stuttgart Airport	6   7
Knorr-Bremse	8   9
Technical University Berlin	10   11
Product overview	12   15
About us	16   17



ASSA ABLOY Sicherheitstechnik GmbH is the world’s professional partner for mechanical and electromechanical security solutions offering protection, security and convenience in buildings. The company develops, produces and markets high-quality products and a wide range of systems for the private, commercial and public sector under the long-established IKON and effeff brand names.

ASSA ABLOY Sicherheitstechnik is considered a highly competent and reliable partner by its clients and wins due to its comprehensive know-how, state-of-the-art technology, creative ideas and innovative production processes. Besides comprehensive system solutions for the private and commercial security sectors, ASSA ABLOY Sicherheits-

technik also offers its customers a whole range of services, expert guidance and solution concepts for individual requirements and special applications. ASSA ABLOY Sicherheitstechnik GmbH employs a total of over 900 workers.

Our security expert solutions can be found in many buildings and facilities, ranging from the Olympic Stadium in Berlin to the Nürnberger Versicherungen Arena and Hamburg Police Headquarters. IKON and effeff products are also used in projects across the world – from Beijing and Dubai to London and Berlin.

ASSA ABLOY Sicherheitstechnik GmbH is part of ASSA ABLOY’s CENTRAL EUROPE market region, alongside ASSA ABLOY Belgium N.V., ASSA ABLOY Austria GmbH, KESO GmbH (Germany), KESO AG (Switzerland) and the Dutch ASSA ABLOY companies LIPS Nederland B.V., NEMEF B.V. and VEMA Security B.V. CENTRAL EUROPE employs around 1,800 people. Consolidated turnover amounts to about 280 million Euros.

Behind the trendsetting security products, there is the name of ASSA ABLOY, a guarantee for experience and expertise. This Swedish group was founded in 1994 and grew into one of the world’s leading security technology and locking system groups as a result of its targeted acquisition policy. ASSA ABLOY is now represented by about 32,000 employees in 40 countries worldwide. It has managed to increase its turnover to 3.5 billion Euros and holds a world market share of over ten percent.

Whatever you wish to secure, protect and keep safe, we can provide the right technology for your needs. Because security is our business .

Submerge yourself into the world of security and learn about our satisfied clients over the next few pages in this brochure.





“The Bodensee Therme Überlingen”  
relies on effeff security systems

Bodensee Therme (Thermae at Lake Constance) in Überlingen on the shores of Lake Constance was looking for a new escape door system which could guarantee uncompromising safety for its guests, but would be protected against misuse such as unauthorised access. The escape door terminal also needed to be compact and take up little space, but still fulfil all technical requirements. Moreover, the system needed to include potential for extension and connectability as far as possible, so that functions such as access control and a fire alarm system could be installed at a later date.

The effeff escape door terminal 1338-20 is a device which combines a control device and a door terminal. Centralised systems such as building automation and alarm networks can be connected to the control electronics in these compact terminals. The solution complies with the guidelines for electronic locking systems in escape route doors issued by the German Institute for Building Technology, regarded as the standard for building code regulation requirements for manufacturing and testing escape door systems.

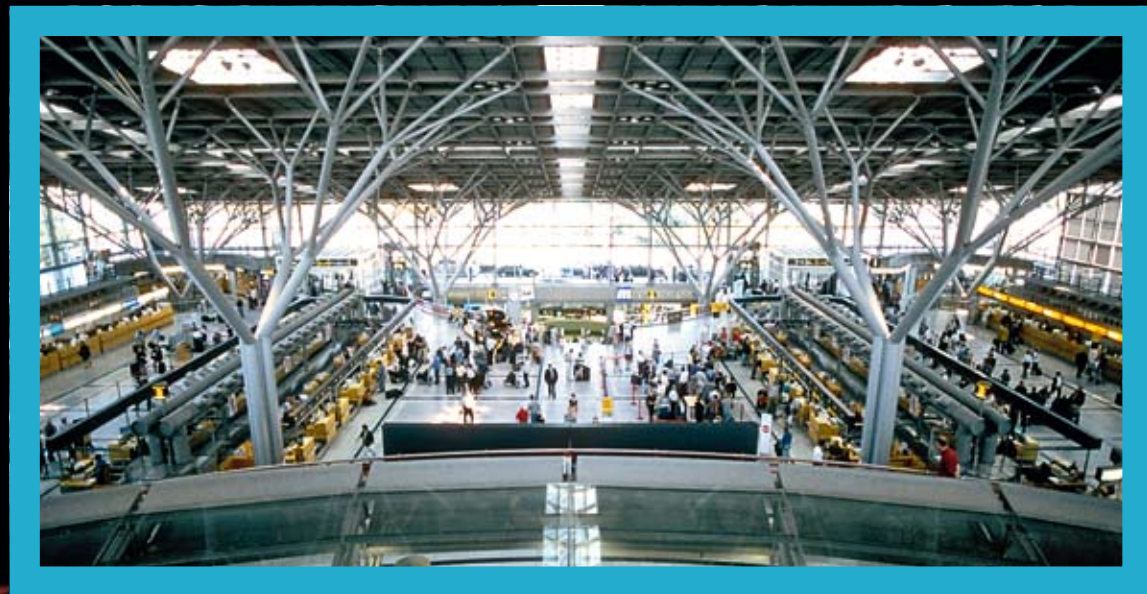
“We are prepared for any eventuality – with effeff’s escape route technology.”

Oliver Sternagel, Facility Operations Manager, BodenseeTherme, Überlingen, Germany

Leisure, hotels,  
trade fair centres  
and museums

**Further references:**  
German Museum of Technology, Berlin  
Olympic Stadium, Berlin  
Westfalenhallen Trade Fair Center, Dortmund  
New Trade Fair, Leipzig





## Stuttgart Airport continues its long successful history of working with IKON

In 2007, Flughafen Stuttgart GmbH (FSG), the operator of Stuttgart Airport, reached a record level of 10.3 million passengers, 2.1 % more than the previous year. An average of 28,300 travellers flew to and from Stuttgart on a daily basis. Stuttgart Airport is one of the fastest growing airports in Germany.

Successful use of an IKON locking system at Stuttgart Airport began over thirty years ago. The system was first introduced when the air freight facility was built in 1977.

Mechanical locking systems are solid, uncomplicated and secure. They are long-lasting, perform their task reliably and are not dependent on power supplies or programming. IKON locking cylinders offer total protection against popular burglary methods. All required management tasks can be carried out without specific know-how by authorised users. Replacement keys and new locking cylinders can only be ordered if a security card is presented. In addition to doors in buildings, the locking system can also secure furniture, switch cabinets, security chains and similar items.

*"IKON has been demonstrating for decades that locking technology can be advanced to a very high standard. We greatly look forward to the further planned developments."*

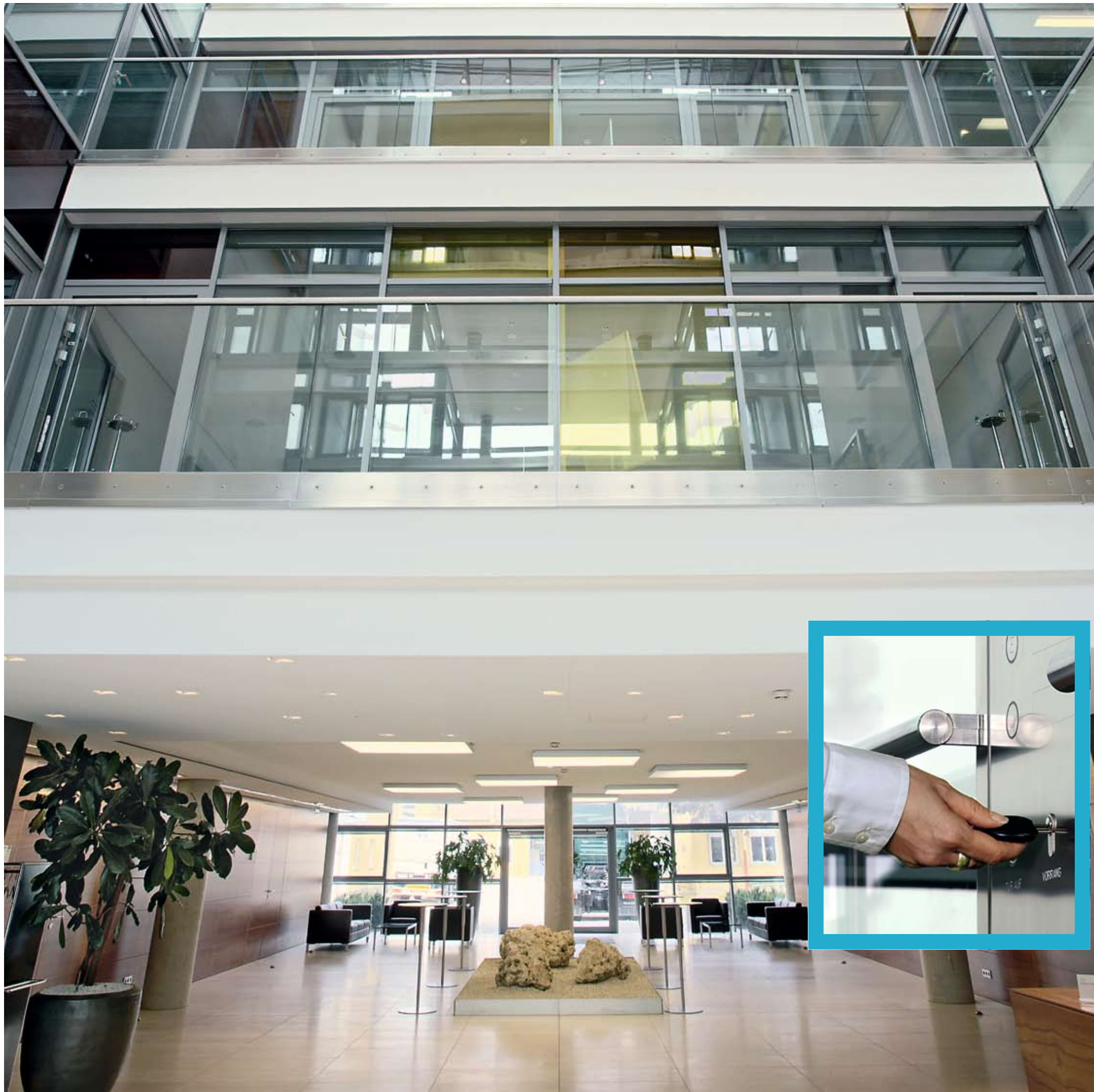
Karl-Heinz Püschel, Head of ID and Key Management

## Transport and Logistics

### Further references:

Swiss Federal Railways  
Zurich Airport  
Hamburg Airport  
Athens Airport  
Spedition Weisshaupt (forwarding company)





## Knorr-Bremse Rail Vehicles is won over by VERSO CLIQ

A group of companies in expansion such as Knorr-Bremse is always undergoing change. New departments come into being, employees move around and duties change. As a result, new access authorisations are needed which can only be provided by a highly flexible and cost efficient locking system. As a world market leader in braking systems for rail and utility vehicles, Knorr-Bremse also needs to be able to rely on maximum security.

*“ASSA ABLOY Sicherheitstechnik’s VERSO CLIQ locking systems constitute a considerable part of our overall security concept.”*

Harald Voce, Head of Security & General Office Department at Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

The VERSO CLIQ locking system allows time scheduling to be easily entered. Access authorisations can be activated on a temporary basis – for instance, for limited employment contracts or external service providers. VERSO CLIQ also offers further advantages: its design does not require surface mounting around locks; power to operate the cylinder is provided from the key itself, meaning no complicated, expensive wiring is necessary; the software user interface is easy to use. The fact that ASSA ABLOY Sicherheitstechnik supplies VERSO CLIQ for use in all areas was also a crucial deciding factor for Knorr-Bremse: In some areas of management, a single key is used for everything from doors and cupboards through to drawers, with each key programmed individually.



## Industrial Buildings and Production Facilities

### Further references:

Bosch Rexroth AG  
CHG Meridian  
Henkell & Söhnlein Sektkellerei KG  
Merck KGaA





## Technical University Berlin places its trust in security from IKON

With around 30,000 students and 7,000 employees, Technical University Berlin is one of the largest institutes of technology in Germany. Its seven faculties are spread over several sites around the capital, covering a total surface of about 600,000 m<sup>2</sup>.

The TU Berlin was experiencing a large number of key losses and burglary. The system, including the fire service cabinets, needed to work using a single key as well as be flexible despite the large numbers of employees and students. VERSO CLIQ is the most cost-effective solution when it comes to increased requirements, system extensions, changes to access authorisations and key loss. Access authorisation from a missing key can be eliminated by simply reprogramming the cylinders; in the event of theft, keys can be examined to quickly determine who had access to a particular room. VERSO CLIQ can easily and efficiently respond to changes in needs due to relocation and team or project-related regroupings as any respective locking cylinder can be programmed precisely to the day at any time using the associated software – without going to the expense of changing locking cylinders.

“For us, VERSO CLIQ is an investment in long-term efficiency. VERSO CLIQ is not just a locking system, but also a highly intelligent system solution.”

Harald Briks, person in charge of locks at the Technical University Berlin.

# Education

### Further references:

Stuttgart University  
St. Heinrich's Kindergarten, Reken, North Rhine Westphalia  
St. Martin's Kindergarten, Baidt, Baden-Württemberg



# Our Products

## Quality, Know-how and Innovation



### Mechanical locking cylinders

Locking cylinders are the key component in a secure locking system and are IKON's core expertise. Available products include a wide range of articles for doors and windows in houses, company buildings and other properties. IKON locking cylinders are certified to current security standards and provide maximum protection against intrusion. The patented profiles are based on IKON's

decades of experience in precision mechanics and are effectively equipped to provide protection against customary methods used during break-ins or when tampering.

- Individual lockings
- Locking systems



### Mechatronic locking cylinders

Mechanical and electronical components in locking cylinders and keys provide twice the protection in mechatronic locking systems. CLIQ technology enables access authorisations to be customised for each individual key – no need for wiring, just “plug and play”.

Easy reprogramming enables systems to be adjusted to new organisation at structures in a cost-

efficient way; lost keys are simply eliminated from the system without the need to replace cylinders. CLIQ technology is a highly efficient, highly intelligent locking system for companies, institutions and organisations suitable for all door types and almost all cylinder types



### Electric door strike

With electric door strikes, a door can be unlocked at the push of a button – without the user having to go to the door. effeff electric strikes offer high standards of security and convenience and a suitable electric strike for every installation location. This we can guarantee worldwide as effeff takes into consideration both national and international rules and regulations.

effeff convinces with regard to certified or security electric strikes due to its sophisticated solutions for smoke protection doors, fire protection doors

and doors along escape routes. Our wide range for particularly high security requirements offers solutions for glass doors, sliding doors and clean room doors as well as for doors in potentially explosive areas or canal lock systems.

- Standard electric strikes
- Smoke and fire protection electric strikes
- Escape door electric strikes
- Special electric strikes
- Accessories



### MEDIATOR

Entrance doors to apartment buildings – an issue which is always causing problems. Some people always lock the door, others never do. With MEDIATOR, ASSA ABLOY Sicherheitstechnik now offers a simple, yet brilliant solution: Its innovative system consisting of a self-locking escape door lock and one of effeff's linear electric strikes ensures the door locks itself automatically as soon as it closes. The door can also be opened for visitors from inside apartments using the electric strike. However, MEDIATOR can do much more than this.

The door can always be opened from the inside using the door handle even though it is locked. This means everyone can leave the building in the event of an emergency, whether they have a key or not. Apartment block entrance doors can be retrofitted with MEDIATOR quickly and easily at an extremely low price.



### Security locks

“Security lock” is the most accurate description of effeff locks. Security provides protection against intrusion, thus ensuring people and valuables are safe from harm. effeff lock products provide such comprehensive protection for you and your

property. With their anti-panic and self-locking function, effeff's security locks guarantee maximum mechanical security combined with maximum convenience for users.



### Access control

Whether main or side entrance, strongroom, development department or laboratory, there are certain areas in buildings which need to be locked at all times. Access control systems regulate access to protected areas, limiting entrance to authorised groups of people without needlessly disrupting their day-to-day business - a simple solution for greater security.

effeff access control systems protect and monitor buildings, individual rooms or other security-

relevant areas. A wide range of different technologies, devices and systems are available, which can be aligned with respective specific security needs. effeff access control systems meet our clients' individual requirements and are used in private premises, public authority buildings, the health sector, leisure facilities, administration buildings, industrial facilities and production plants.

- Access control fittings
- Access control systems





## Escape route technology

effeff's escape route systems fully comply with requirements for uncompromising personal safety and maximum protection for property. Place your trust in our expertise and reliability in the event of an emergency. Our escape route systems guarantee safe operation of escape route doors, regardless of whether the door is automatically locked or only used with access authorisation. Safer use of escape routes is guaranteed at all times.

effeff electric escape door control systems guarantee protection and safety in places such as department stores, schools, kindergartens, office buildings, airports and exhibition halls. We also have the right solution for specific uses such as restricted areas in hospitals.

- Escape door locking systems
- Escape door monitoring



## Additional locking devices

High quality locking devices are the best choice in many situations. Professional burglars need only 10 to 15 second to gain access to a house or apartment. In most cases, they use a direct route – through a door or window. IKON supplies millions of established solutions which can offer a high standard of resistance to burglary due to their quality. No wonder that most IKON products in this brochure are recommended by insurers and police crime prevention specialists and most are certified by DIN, RAL and VdS, Germany's accredited testing and certification body for burglary protection.

A further advantage of IKON window security devices is their straightforward fitting and handling.

- Spy holes and door handle chains
- Dead rim locks
- Cross bar locks
- Hinge security devices
- Window security devices for handle and hinge sides
- Shutter and grille securing devices



## Control components & accessories

IKON and effeff offer a comprehensive range of control components and accessory items such as throw-open devices and choppers, perfectly matched with the whole product portfolio. You will receive reliable, secure components for a complete solution from a single source. How easy can it be?

- Cable transitions
- Contacts
- Power supply units
- Controls
- Switch components



## Door fittings

IKON's door fittings protect against attacks on locking cylinders and mortise locks and fit securely in the leaf of your door. IKON offers a large selection of door fittings for entrance doors and apartment doors, for inside and outside doors and doors made of all customary materials. The selection of fittings includes a whole range of handle sets, designs with different finishes and colours as well as a wide range of quality from sturdy fittings through to premium class steel protection fittings.

Almost all IKON protection fittings are certified according to high burglary protection standards.

- Protection fittings with or without cylinder cover
- Rosettes with or without cylinder cover
- Building fittings



## Door closers

Door closers ensure fire doors function as they should along escape routes. The closing function also constitutes an important security feature for outside doors. IKON has a highly effective system solution for automatic door closing in its product range. The modular system design provides a whole range of different models with an identical casing, thus ensuring uniform design. The lock bodies, engineering components and accessories can be combined with one another as required.

IKON door closers are perfectly controlled, meaning they can be easily opened or closed. They can be fitted on the face of all doors and are particularly easy to adjust.

- Top-mounted door closers
- Concealed door closers



## Electric dead bolts

effeff electric dead bolts are a reliable complementary component for locks and electric strikes and can be used for specific requirements in special doors such as swing doors and sliding doors, where they are often fitted as an additional locking device. When doors are locked with an integrated monitoring contact, the locking status can be monitored, meaning, for instance, a system can only start up if the door concerned is securely locked.

The bolt is suitable for a wide variety of uses, ranging from mere drawers to lift doors and in high security areas as well.

- Door dead bolts
- High security dead bolts
- Motorised dead bolts
- Compact locking systems



## Electric holding magnets

A large selection of electric holding magnets designs is an important part of effeff's locking systems range. The range includes authorised models for locking escape route doors as well as standard magnets. Thanks to low-noise operation and specific advantages from retro-fitting, magnets are highly suitable as an extra locking device in doors.

- Electric magnets for inside and outside doors
- Electric magnets for escape door applications
- Electric magnets for fire protection doors
- Electric magnets for holding doors open
- Accessories



## Door arrester systems

effeff arrester systems secure fire retardant doors which need to be open during day-to-day operations. Under normal circumstances, the arresters hold doors open. Fire detectors monitor critical areas. As soon as smoke is detected, the retainer mechanism releases the door. Fire protection doors close and prevent fire and smoke fumes entering adjacent rooms and buildings as well as limits the spread of the fire. If people are still in the area

where there is fire, they can escape through the doors; the door reliably ensures the door is closed so it is impervious to smoke.

- Fire detectors
- Smoke protection switch
- Holding magnets and counterplates
- Interrupter button





# Unlock your life!

Life in the 21st century is full of contradictions: Never have people been so free, yet at the same time there have never been as many fears and concerns which limit such freedom.

**“There is no freedom without security.”**  
Wilhelm von Humboldt (1767-1835)

Only when we feel completely secure are we able to realise our full potential. At ASSA ABLOY, we have learnt that only a safe world is a free world. The ASSA ABLOY Group’s vision and our company culture aim to bring greater security to the world with our products and expertise.

ASSA ABLOY. Unlock your life.



Originally part of ZEISS IKON AG founded in 1926, is ASSA ABLOY’s most successful brand for locking and security technology in Germany. The **IKON** brand produces state-of-the-art products and solutions at the cutting edge of technology. The brand product range includes high-quality mechanical and mechatronic locking cylinders, auxiliary locks and security devices, door fittings and door closers. They provide active burglary protection and protect both people and property.



**ASSA ABLOY Sicherheitstechnik GmbH** was set up in 2005 as result of the merger between IKON GmbH Präzisionstechnik in Berlin and effeff Fritz Fuss GmbH & Co in Albstadt Germany. Part of the Swedish ASSA ABLOY group, the company is part the world’s largest consolidated group of companies in the security technology sector.



Founded as a precision engineering and electrical engineering workshop in 1936, **effeff** is a global leading brand for electromechanical locking and unlocking devices. Electric strikes, electric dead bolts, security locks, access control systems and escape route technology are amongst the effeff brand products which today provide security and convenience in over 75 countries throughout the world.



**ASSA ABLOY** is the world’s leading manufacturer and supplier of locking solutions and safety systems satisfying customers’ demanding requirements with regard to safety, protection and usability. With over 32,000 employees, the group achieves annual sales of over 3.5 billion Euros.



ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

**ASSA ABLOY**

The right to make technical changes reserved. WST55/G2.00808

ASSA ABLOY  
Sicherheitstechnik GmbH

Berlin Works  
Goerzallee 299  
14167 Berlin  
Tel. +49 30 8106-0  
Fax +49 30 8106-26 00  
berlin@assaabloy.de

Albstadt Works  
Bildstockstraße 20  
72458 Albstadt  
Tel. +49 7431 123-0  
Fax +49 7431 123-240  
albstadt@assaabloy.de

[www.assaabloy.de](http://www.assaabloy.de)