

XS

Access
with system
technology



Everything optimally protected?

Your building, your equipment, your expertise and, above all, your business processes: all are extremely valuable.

But are they optimally protected? Does your system meet the growing requirements in terms of flexibility? Can your system grow with the individual requirements, can it be easily extended and adapted? And how does it rate in terms of cost and efficiency? The following situations clearly highlight the grave disadvantages often associated with existing security systems:

Key ring getting bigger and heavier? Lost your keys?

Let's assume you have a master locking system. How often do keys get lost? How much money has to be invested as a result? In the event of equipment being stolen, do you know who was where and when? And between ourselves: would you be really upset if your key ring was not quite as large and a lot lighter? After many years of having a mechanical locking system, nobody really knows who has which key.

Moving to a new premises?

irrespective of whether the whole company is moving or just one or two departments:

a mechanical locking system can make the move quite costly. Who wants to go to the trouble of removing each cylinder or the corresponding locks and go through the process of distributing keys again?



Your company is growing?

From 10 to 20 employees or from 40 to 240? If this is the case, then: congratulations! Your „trust-based“ organisation is being transformed into a major enterprise.

It is now no longer possible to trust everybody. There is a growing need for a comprehensive access control system that can be managed centrally. What steps must you take to secure fast, simple and efficient protection?

Is the budget a decisive factor?

Being the person who is responsible for security within the company, you need tools that will allow you to manage and guarantee security in an efficient manner.

What if there were a solution, an expandable investment in the future which was not only very simple but could also be implemented with a low budget?

High installation costs in an old building?

Example: restoration of an old building: an access control system is to be installed but, at the same time, the substance of the building should, to the greatest extent possible, not be interfered with through the integration of cable channels and the like.

Wouldn't it be great if there were a solution that only required minimum installation effort at the door?

Badge replaces key!

No security risk. No cumbersome key rings. Keys are no longer required. They are replaced with proximity badges in check card or key ring format that can easily be blocked should they be lost. Hence, it is no longer necessary to invest in a new system. Even after many years, you know exactly who has been assigned which rights. And the access documentation always provides reliable information and eliminates uncertainty as to who opened what, where and when.

Moving to a new business premises: simple and cost-effective!

The flexibility of XS becomes crystal clear when moving to a new business premises:

all the components simply move with you. They can easily be installed at the new door without any changes having to be made. The integrative concept offers the highest level of flexibility and can be extended at any time.



Always on the right track with XS!

DORMA XS – access solutions that meet the most varied requirements in a highly flexible and user-oriented manner. – simple, fast and highly cost-effective. From planning and installation to maintenance and expansion. The XS system provides companies, organisations, planners, constructors, architects and the market as a whole with new possibili-

ties when implementing optimised access solutions.

- eXtra Small: small products for flexible requirements
- eXtra Smart: access technology that is characterised by its intelligence and elegance
- eXtra Solid: robust and reliable right beside the door
- eXtra Simple: easy to install, simple to operate
- eXtra Single: the perfect solution for single doors or system enhancement
- eXtra Secure: as secure as XS-MasterCard, offline, online versions



company augment

From 40 to 100 employees? From 100 to over a 1000 employees? The XS system grows flexibly with your company. Initially installed as a proximity locking system with XS MasterCard, XS can easily be transformed into an offline solution with precise access profiles for persons and doors. Or a radio-net-worked online access control system with, for example, alarm management, vehicle access control or visitor maintenance.

Low-cost solution

The XS system is a cost-effective alternative to mechanical locking systems and electronic online access control solutions in smaller companies. Installed with minimum effort, XS offers highly efficient protection.

Another significant advantage: ease of operation.

The substance of the building is not interfered with.

Ideal, especially for old buildings and existing properties:

the XS fittings and XS cylinders eliminate the need for cable channels and the like and installation can therefore be carried out without damaging the substance of the building. The XS system is cable-free as everything that is needed, i.e. batteries and the required data, has already been integrated into the individual components.

XS fitting – solid, variable, established

The XS fitting, which is integrated into the door mounting, functions as an autonomous access control for proximity badges. It can be mounted or retrofitted with the greatest of ease and flexibility: the existing door mounting is simply replaced with the innovative fitting reader. There is no cabling as a mains supply is not required. Standard batteries provide the required power. Individual technical adjustments can be carried out at any time to meet all security requirements.

The system is extremely user-friendly - doors can easily be opened even if you have only one hand free. This makes the XS fitting the ideal solution for hospitals, old people's homes, nursing homes and all other buildings in which doors need to be opened without any great physical effort. Thanks to its robust and solid construction, the XS fitting can also be installed in manufacturing and production areas.



Mounted in no time

The XS fitting is exceptionally easy to mount. Simply remove the old fitting, fix the universal mounting plate, insert the square, fix the XS fitting and lock with the special key.



Individual design

An added plus: the XS fitting has an attractive design. Hence, planners and architects can integrate the access control system into the existing room concept in an optimal manner. In addition to the standard handle, four different door handles can be selected from the DORMA/OGRO program ZSxxxFS. If required, other door handles from the OGRO program can be supplied and special colours can be selected for the fitting and reader.



Flexible and adaptable technology

Depending on the security requirements and area of application, the XS fitting can be individually equipped with additional features. The fitting can be supplied with a profile cylinder - opened with a key - so that the door can be opened in an emergency situation. If insurance plays a role, a self-locking anti-panic lock can be installed.

**Simple to operate,
easy to handle**

The XS fitting is available with the HITAG, MIFARE* and LEGIC* proximity readers. Each time an employee wishes to book access with his/her badge, the rights that have been assigned to this employee are checked by the XS fitting. The reader is proximity activated. If the result is positive, the door will unlock and can be opened. When idle or in the event of a negative booking the handle will remain locked and the door cannot be opened. If the battery is running low, a corresponding signal will be generated with the remaining 1000 bookings that can be made.



XS cylinder – compact, flexible, discreet

A universal multi-talent in the area of electronic locking and access control systems: the XS cylinder. Single-knob cylinders or double-sided knob cylinders for protection on one or both sides of the door. This access control solution which is minimized to the size of the door cylinder fits discreetly into every architectural environment. Similar to the XS fitting, the XS cylinder is easy to install and there is no cabling as a mains supply is not required. Whether inside or outside:

the XS cylinder offers flexible protection for single doors but is also ideal for securing large office and factory complexes. Whether solid glass, sectional frames or heavy cellar doors. Thanks to its compact, modular design it can be used with all door leaves that are fitted with a cylinder lock.



Fast assembly

All you need is a screwdriver: loosen the cylinder locking screw on the lock, remove the cylinder and insert the XS cylinder. Then tighten the cylinder locking screw and engage the reader module or knob.

Operation is childs play

Similar to the XS fitting, the XS cylinder is available with the HITAG, MIFARE* and LEGIC* proximity readers. When in the normal disengaged state, the reader module can be rotated without moving the locking nose. When an authorized badge is used, the cylinder engages. The locking nose will now move when the reader module is rotated and, depending on the type of lock, the bolt and latch will open. The reader module optically and acoustically acknowledges whether the cylinder is presently engaged or disengaged. An acoustic signal is also generated for each of the last 1000 acknowledgements before the battery has to be replaced.



Modular design paves the way for flexible utilisation

The body of the cylinder is available in 25 standard lengths for door thicknesses ranging from 40 to 120 mm. This paves the way for flexible utilisation even with doors of special thicknesses. In addition to the low installation costs, preliminary planning is not necessary.



Variable protection

The XS cylinder is available in different versions to meet specific customer requirements.

Double-sided access control:
inside: electronic cylinder, outside: electronic cylinder

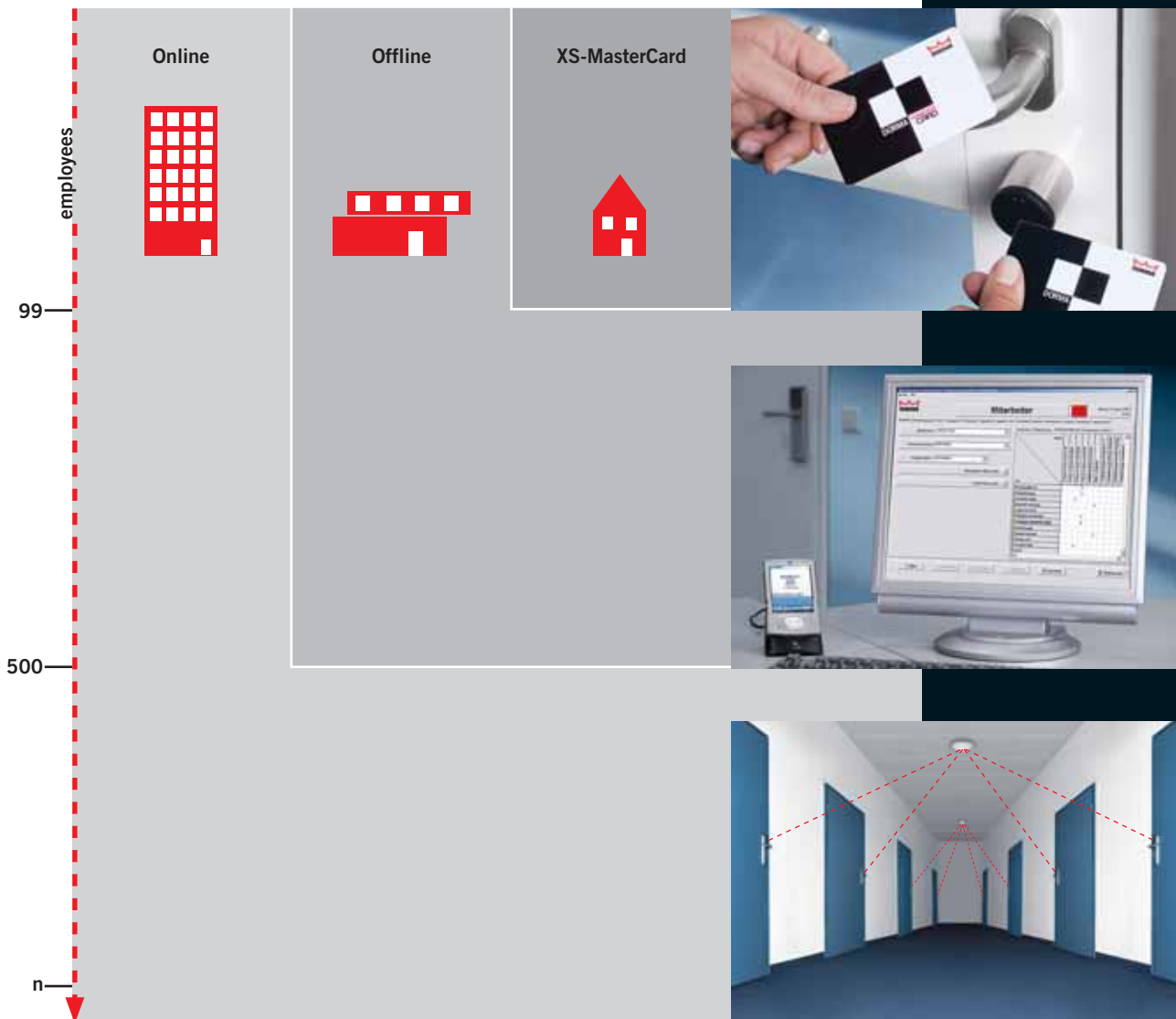
One-sided access control:
inside: mechanical knob, outside: electronic cylinder

Key-operated switch:
outside: electronic cylinder

Flexible access control

From a simple XS MasterCard control system for small companies or the offline solution which allows the creation of precise time and person-related access profiles to online integration in a comprehensive access control system: one distinctive advantage of the XS system is that access control is also as flexible as you need it to be. XS prepares you for tomorrow's requirements today. The XS system grows with your company, right up to XXL. The modularity of the

system guarantees investment security. The start-up solution with control via the XS MasterCard can quickly be transformed into a PDA-controlled offline solution or an online, radio-controlled solution. And in the case of combined operation, the various systems can even be integrated into an overall system.





XS MasterCard – the first step towards flexible access control

The ideal solution for small enterprises that require a convenient and flexible locking system: this version uses a programming card, namely the „MasterCard“, to assign badges and transponders to an XS component. Badges to which rights have been assigned therefore function like a key. But instead of having a lot of cumbersome

keys each user just has one badge. Up to 99 badges can be assigned to one XS component.

Controlling with the XS-MasterCard – this is how it works:

XS MasterCard is a learn-delete system. Authorized badges or keys are taught-in directly at the door. The employee holds the programming card (XS MasterCard) in front of the XS fitting* or the XS cylinder. The component enters the programming mode, the badge can be authorized or deleted. If a badge is lost, the authorization can also be cancelled with the XS MasterCard.

The XS component can also be equipped with a permanent release so that once opened it will only close again when the badge is presented a second time. Alternatively, a short-term release is also possible. Here, the XS component locks automatically after a few seconds.



Offline – unlimited possibilities, no cabling

This solution is just as cost-effective and flexible as access control with the XS MasterCard. And no cables are required. But the offline solution offers more selective access control possibilities as precise time and person-related access profiles can be defined with the ac-

cess software CODIC Card. From group formation for employees and doors, access time schedules, access calendar with special days and door program controls to differentiated validation of access and office rights. Offline control is ideal for companies and organisations

that require a low-cost solution for a non-networked but highly efficient access control system. The profiles are transferred offline via a PDA using the communications software XS Manager.



Perfectly organised with COCIC Card

CODIC Card, a user-friendly access software that can be installed on any computer, is ideal for managing your access data.

The rights that have been assigned to the respective persons and XS components can be entered comfortably and intuitively. An overview of all assigned rights and fitting or cylinder states can be quickly obtained at any time. Lists and evaluations of the data read out from the XS Manager at the components can be created at any time.

One further advantage: CODIC Card is a multifunctional access control system that can easily be upgraded to an online system with enhanced functionality.



Simple transfer via PDA

The access data created in the software is transferred to the XS components via PDA with docking station using an infrared interface. The IrDA interface in the XS components guarantees easy handling at the door. Thanks to the newly developed communications software XS Manager, access data can be transferred to the XS fitting or cylinder* and booking reports can easily be read out.

The XS Manager also offers an innovative diagnosis mode which indicates each of the checks that have been carried out by the XS components in plain text on the PDA display. In this way, the reasons for rejected bookings can be determined immediately.

Enhanced flexibility with the Office function

The Office function offers daily time intervals in which the office user can activate a permanent release by making a special booking. This permits comfortable access to the office without booking. The office release will remain active until the next booking is made to restore office security once again. If such a booking is not made, the XS component automatically locks the door at the end of the office release interval. Security personnel no longer has to check all the offices in the evening.



Four steps to the online solution

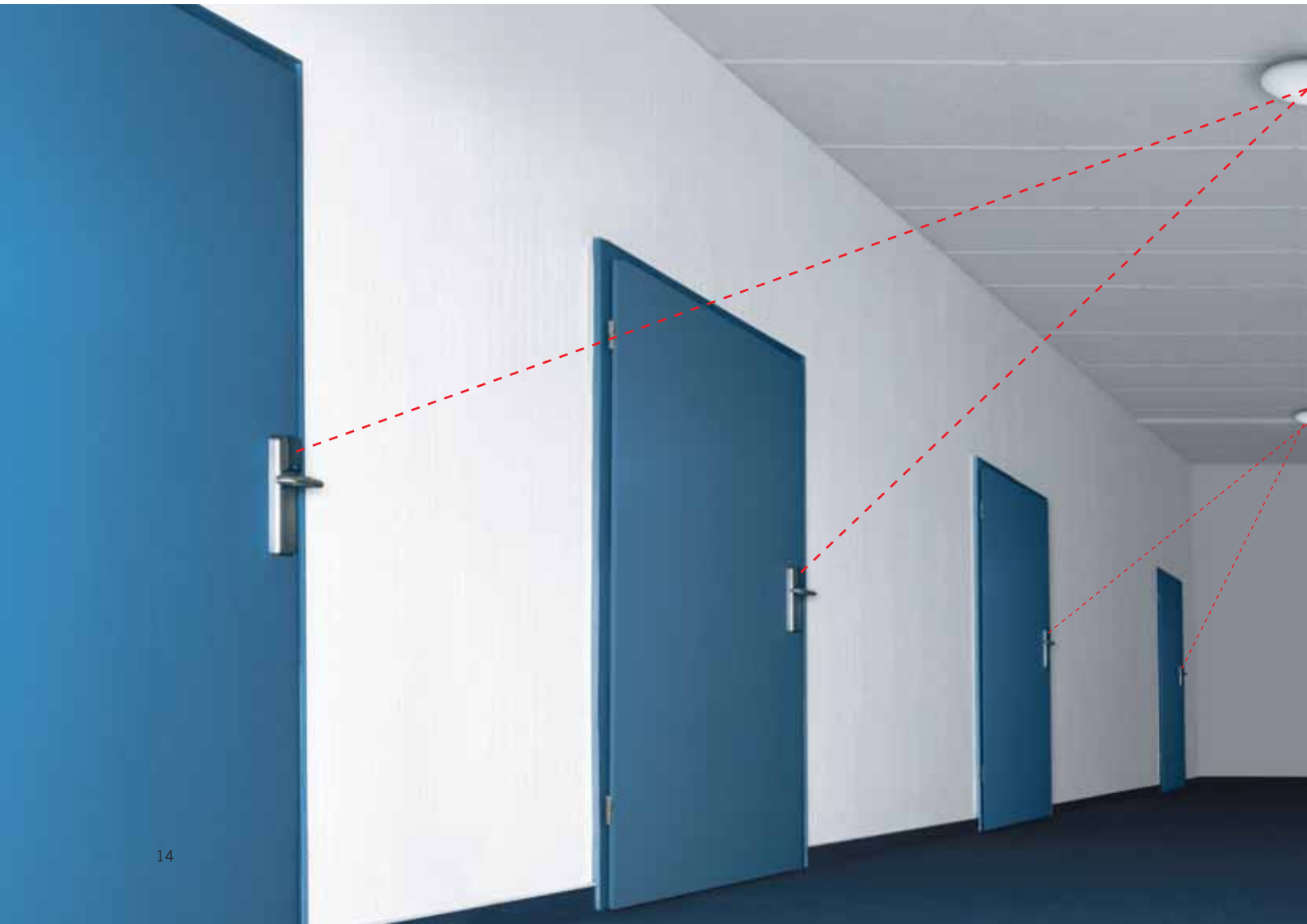
Start offline. Then it should be possible to selectively adapt the access control system and retrofit as required? And retrofitting should be possible right up to a completely networked access control solution? The XS system makes this possible for the very first time! In just four steps, the offline access control system can be transformed into a radio-controlled online solution*. In this way, XS becomes an integrative system with offline, radio and conventional wired components. The advantages include: additional planning scope, planning security and investment security.



1. step:
installation of the XS radio module in the XS components



2. step:
installation of the XS traffic point via DCW bus





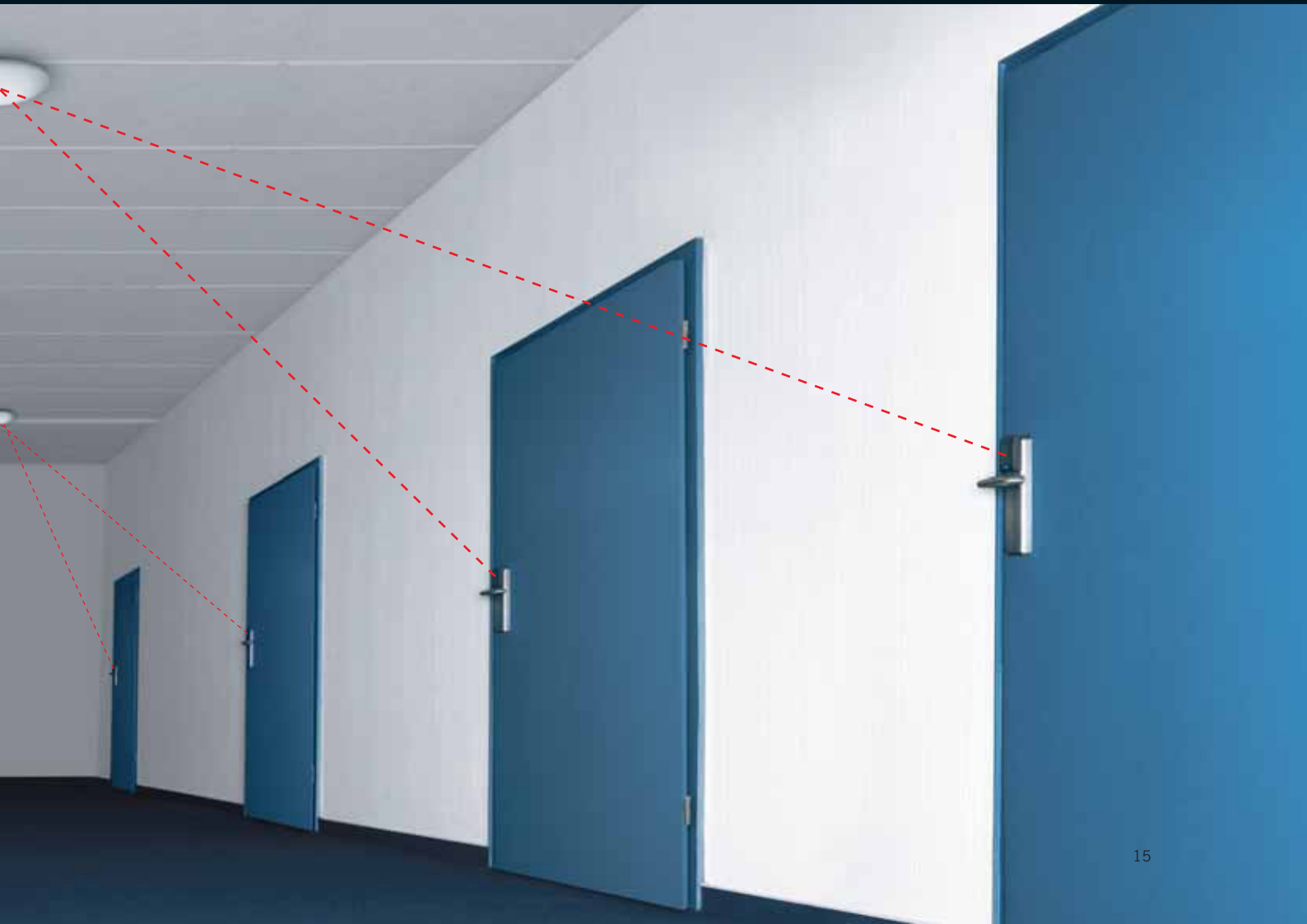
3. step:

connect Access Control Unit to
LAN and DCW bus



4. step:

connect CodicCard software
online





Online – wireless and seamless integration of XS

Fast and simple retrofitability to online solution – a decisive plus in terms of flexibility. The ideal solution for growing companies and organisations as well as for property and facility management planning.

In short: ideal for all who start off small and who, right from the very beginning, wish to pave the way for a purpose-made, centrally controlled access control system. With a wide range of possibilities including

- alarm management
- elevator control
- biometry
- hand-free entry
- visitor and contractor maintenance
- badge creation system
- building plan
- key depot
- vehicle access solutions

the XS components and their control software can be flexibly

The XS system combines all the positive features of an online system, but without all the cabling at the door. The radio connection takes place via the XS traffic point which is connected to the Access Control Center. Up to four XS components can be controlled via one XS traffic point. The 868 MHz frequency band, which is authorized worldwide and is also tap and tamper-proof thanks to the sophisticated encryption technology that is employed, is used here.

Locking system, access control, time acquisition?

All in one single system!

Whether online or offline. A system with XS components paves the way for the combination of traditionally separate systems such as locking, access control and time acquisition systems in one integrated system solution. In this way, the XS system can be tailored to meet your individual requirements. This not only saves administrative costs but also brings hardware-related advantages as fewer components are required.

Administration from a database

All participants and components are administered from a database. As organisations are constantly on the move, utilization profiles or rights change and personnel come and go, it is important that modifications can be dealt with in a flexible manner. The uniform database simplifies this task and allows you to maintain a clear overview at all times.

Thinking ahead: enhancement of existing access control system with the XS system

You already have an access control system and use a CODIC Card, IPEV or MBB TIMAC system? Then you may be interested to learn that there is also an intelligent and efficient solution, namely the XS radio version, for less frequented rooms that have, for cost reasons, not yet been integrated into the existing access control system.











Moreover, the XS system allows you to integrate offline components into your online system. Hence, a secure access solution is now also available for areas that are not used very often, i.e. areas in which integration in-

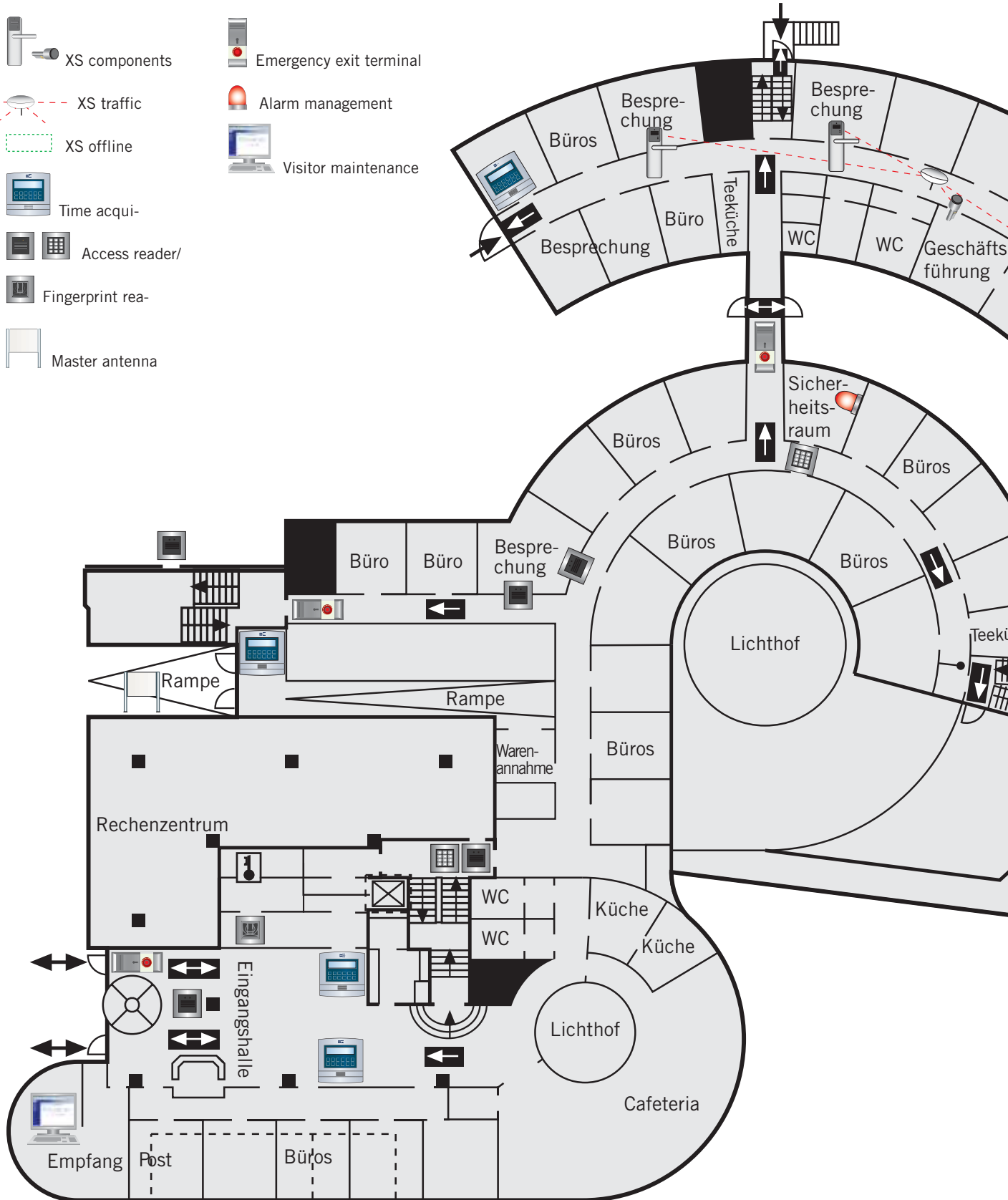
to the network is currently not necessary, or for rooms where an autonomous or offline access control solution is required.

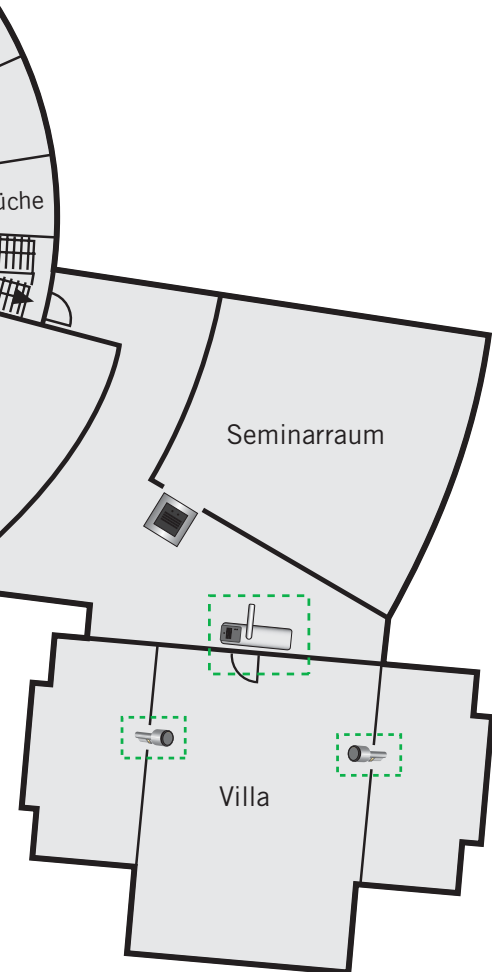
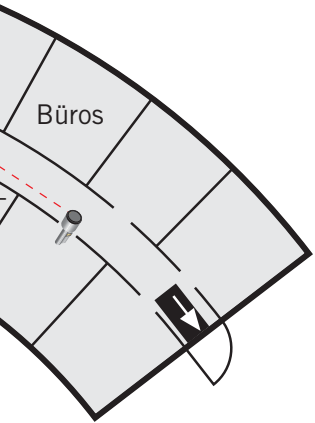
And what if the room is suddenly used for another purpose and networking does become necessary after all? No problem: you can be online in just 4 steps.



XS in the overall system

-  XS components
-  Emergency exit terminal
-  XS traffic
-  Alarm management
-  XS offline
-  Visitor maintenance
-  Time acquisition
-  Access reader/
-  Fingerprint reader
-  Master antenna





Security

- Safety and security systems

All that is needed to secure escape and emergency exits. The Door Management System (TMS) makes sure that emergency exits remain tightly locked when they are not needed and that they can be easily opened in the event of an emergency.



Time

- Time acquisition

For the comprehensive organisation of working times. From time management and paper-free authorization processes to project and cost centre acquisition. Bookings via terminal, web, telephone, mobile phone.



Access

- Access control

For all security requirements: from building envelope security and proximity access control systems with a master antenna to high-security with biometric readers. Alarm management with building plan guarantees that you retain an overview.



marked with *
= currently in preparation

Integrated systems.

DORMA's system approach and comprehensive portfolio for partition and door applications means that the step from planning idea to successful realisation is but a short one.
Your benefit: ideal solution for your clients every time.



Door Control



Automatic



Glass Fittings and Accessories



Security/Time and Access (STA)



Movable Walls

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