ABLOY® OPTIMA
Bringing effective access management to your doorstep

ABLOY®OPTIMA

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ABLOY® OPTIMA
EASY AT EVERY TURN: TO INSTALL, TO MANAGE, TO ADAPT

Whether paying online in the digital world or opening secure doors in the real world, access has become an integral part of everyday life. We need passwords and key cards to operate and move around smoothly, yet effectively without putting ourselves at risk.

CONVENIENTLY ACCESSIBLE

Access is not just about firewalls and locked doors, because designing barriers and checkpoints is easy. The challenge is managing access with maximum transparency and efficiency. **ABLOY**® OPTIMA is a wireless, electronic ready-to-use locking solution for easy and effective access management.

DEPENDABLY COST-EFFECTIVE

With **ABLOY**® OPTIMA you'll save time and money without risking security. It's simple to install and use. Wireless connectivity and the remote system do away with wiring and costly onsite refitting. Managing access rights becomes noticeably easier since the programming and reprogramming of an individual credential can be done at once. There is no longer a need for mechanical re-keying in the case of lost credentials. **ABLOY**® OPTIMA means better access management at less cost.

MANAGEABLE ADAPTING

The engineers behind **ABLOY**® OPTIMA made adaptability their top priority. From private homes to commercial sites, external doors to internal doors, **ABLOY**® OPTIMA adapts to your needs and is compatible with other **ABLOY**® locking systems and solutions. **ABLOY**® OPTIMA can be installed to both existing sites and new constructions without a massive cabling operation.

Credentials can also be attached to mechanical keys. This combination is best benefitted from in sites such as apartment buildings. **ABLOY**® OPTIMA can be used to secure common areas and main entrances, while **ABLOY**® PROTEC^2 is a cost-effective and trustworthy mechanical key solution for individual apartments.

ABLOY® OPTIMA is an ideal solution for sites such as public and commercial offices, hospitals, banks and financial institutes, sport centres, tenements, schools, universities and dormitories.

Depending on the size and scale of the site, you can choose from four management options: Stand alone, Offline, Update on card and Wireless.

At its simplest, **ABLOY**® OPTIMA is access management with the help of credentials and readers. On a larger scale it can also mean wireless, real time updating of access rights and other information.

ABLOY® OPTIMA IN ACTION CHOOSE THE LEVEL OF ACCESS YOU NEED

STAND ALONE

This solution is suitable for sites with a small amount of doors and system users, such as small stores, offices and business premises.

Managing access rights is simple. A programming card is used to activate and deactivate access rights on the lock unit.

Chosen credentials can be provided with special access rights. For example, when a store's doors need to be kept open throughout the day, the storeowner's credential can be used to unlock the doors in the morning and lock them at closing time.

Applications

Small offices, firms and stores with less than 100 users and less than 10 doors.

Max. 500 credentials/door.

OFFLINE

This solution is suitable for small offices with infrequent monitoring of the audit trail. System management doesn't require extra work from employees.

Specific software is being used to manage access rights via a computer. A separate programming device is then used to transfer the information into the lock units. The solution includes basic access control system features; time, calendar and audit trail. Activating and deactivating access rights is quick and easy.
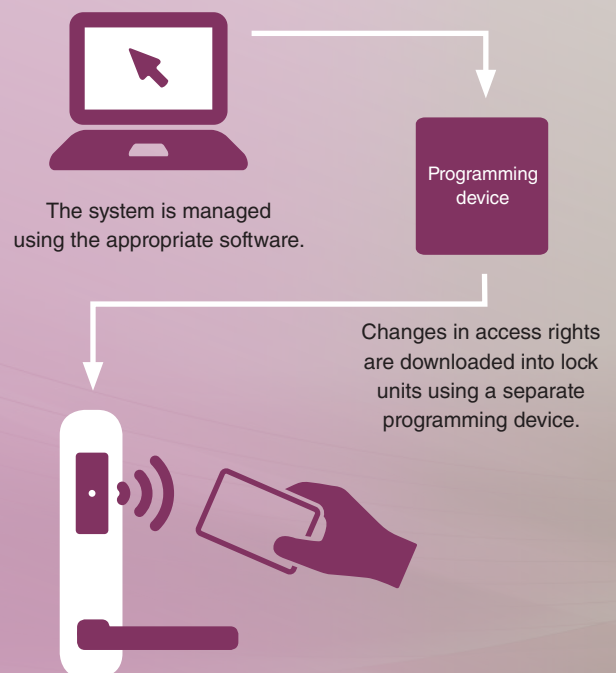
Applications

Small sites, such as apartment buildings and business premises, with rare changes in access rights. The system is managed via the software and portable programming device.

Up to 1500 users.
Audit trail for 1000 latest entries.
14 separate time schedules.

The system is managed using the appropriate software.

Programming device

Changes in access rights are downloaded into lock units using a separate programming device.

UPDATE ON CARD

This solution is suitable for sites with lots of people using the doors and a constant need to quickly update access rights. Due to its flexibility the solution can be used in various sites, from office buildings to sport and cultural centres, schools, nursing homes, dormitories and apartment buildings.
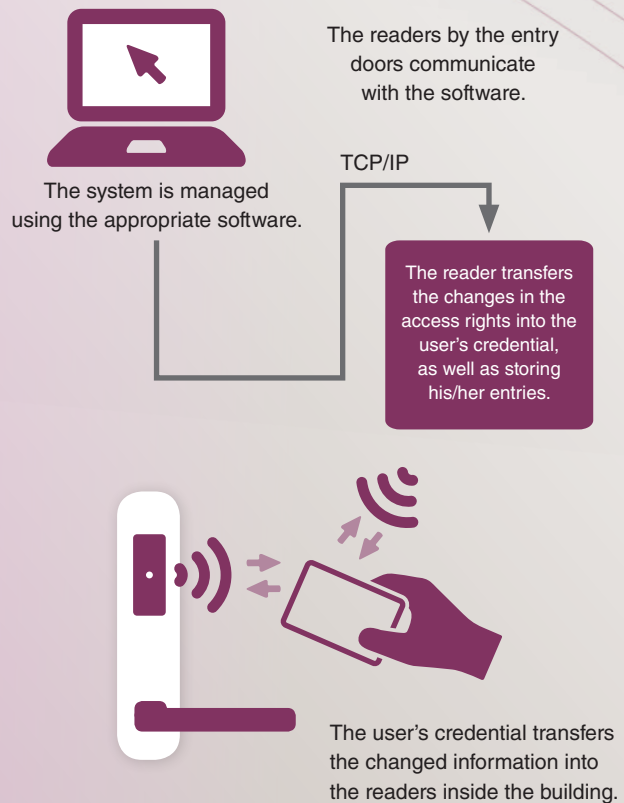
The system user's access rights are updated and his/her audit trail is monitored by the readers at the entry doors. Indoors, any updated information transfers from the user's credential into the readers, door by door as the user proceeds through them. It is also possible to download information into the readers using a separate programming device.

The system can be managed remotely using specific software. This means fewer onsite-visits and low maintenance expenses.

Applications

Larger sites with more than one entrance, many doors inside and a substantial people flow.

Up to 1500 users.
Audit trail for 1000 latest entries.
14 separate time schedules.

The system is managed using the appropriate software.

The readers by the entry doors communicate with the software.

TCP/IP

The reader transfers the changes in the access rights into the user's credential, as well as storing his/her entries.

The user's credential transfers the changed information into the readers inside the building.

ABLOY® OPTIMA SOLUTION FOR WIRELESS ACCESS MANAGEMENT

WIRELESS

Wireless is the answer when real time access management is required, the amount of system users is large and access rights are in a constant state of change. Wireless is a suitable solution for offices, agencies, schools and universities, sport- and cultural centres, factory sites, nursing- and sheltered homes.

Many advantages may be gained using the Wireless solution. The individual readers communicate wirelessly with a hub, which in turn is connected to a computer via Ethernet. The lock units update automatically every 15 minutes (the updating can also be done manually whenever needed). The system user's audit trail and any changes in his/her access rights can be updated in real time. Also, any door within the site can be locked or unlocked remotely. The need to manually operate the lock units is minimal and maintenance expenses can be kept low.

Access rights may be defined door-wise or according to user categories (employees, cleaners, janitors etc.). The solution includes basic access control system features; time, calendar and audit trail.

Applications

Larger sites with a substantial people flow and a demand to utilise real time access control.

Up to 1500 users. Audit trail for 1000 latest entries.
14 separate time schedules.

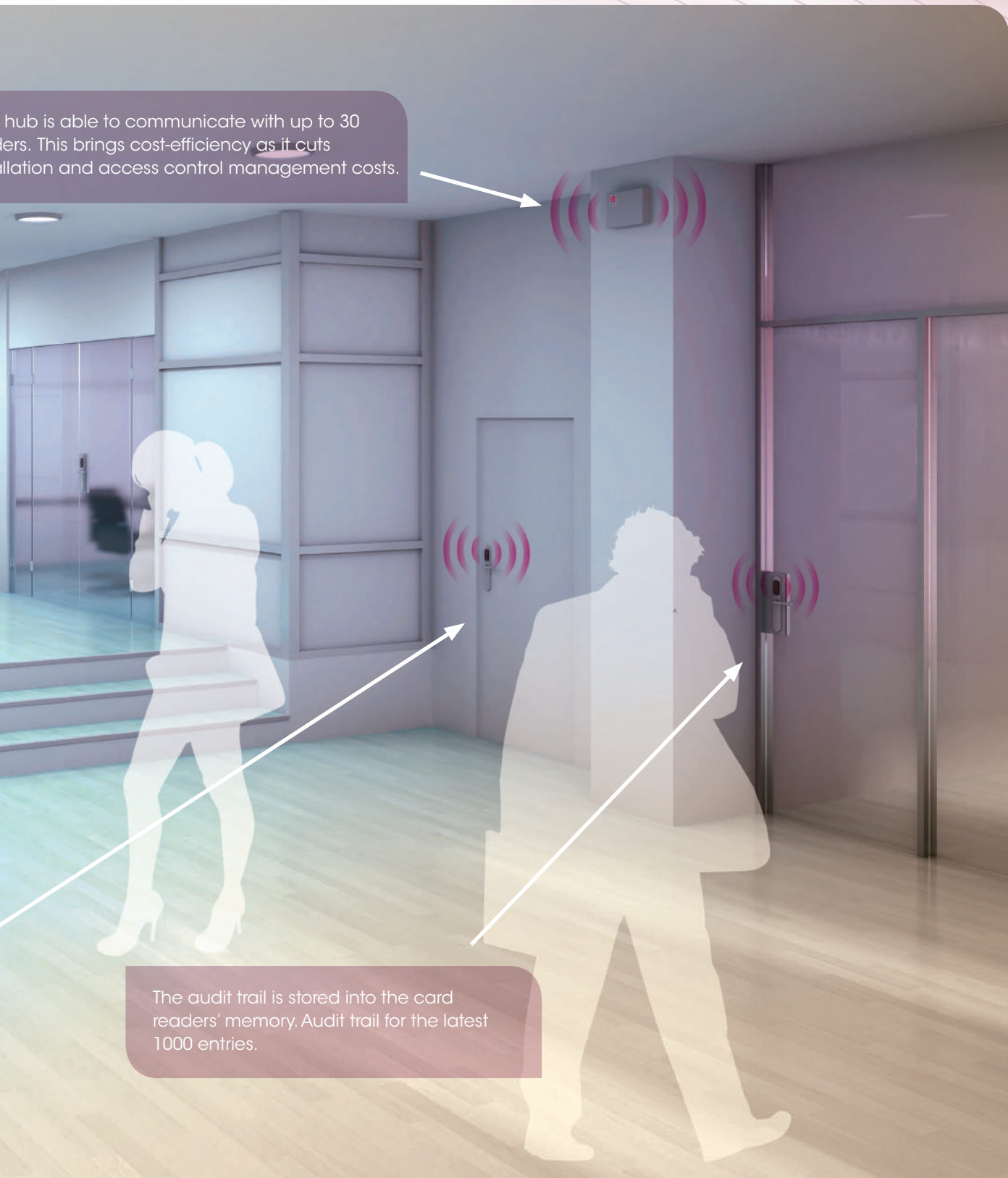Real time updating of the audit trail and access rights.

The maximum distance between the hub and the lock units is 30 metres. Thus, it's possible to manage even large premises with one hub.

One h
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install

Every individual reader carries the appropriate information on access rights. Thus, in the case of a telecommunication failure or a power outage, the system will maintain its working order.

Readers inform the system of lock maintenance needs such as battery status. This helps to plan ahead. Any door can be remotely locked or unlocked.

hub is able to communicate with up to 30
ders. This brings cost-efficiency as it cuts
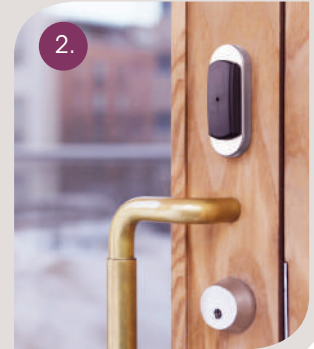ullation and access control management costs.

The audit trail is stored into the card
readers' memory. Audit trail for the latest
1000 entries.

ABLOY® OPTIMA PRODUCTS FOR EFFECTIVE ACCESS MANAGEMENT

The **ABLOY®** OPTIMA product selection offers different solutions for different doors:

BATTERY OPERATED READERS

1. Reader with long escutcheon for internal doors (wooden and profile doors).

2. Reader for internal and external doors (wooden and profile doors).

WIRED CARD READERS

1. Reader with key pad for internal and external doors (wooden and profile doors).

2. Reader without key pad for internal and external doors (wooden and profile doors).

ELEVATOR OPERATOR

Wired card readers are used to operate elevators.

LOCKERS

Cabinet lock

CREDENTIALS

Card, tag or wristband.

MANAGEMENT SYSTEM CERTIFICATION
ISO 9001 = ISO 14001 = OHSAS 18001 =
DNV

ABLOY® OPTIMA
ACCESS MANAGEMENT MADE EASY

ABLOY®

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ASSA ABLOY

An ASSA ABLOY Group brand

Abloy Oy is one of the leading manufacturers of locks, locking systems and architectural hardware and the world´s leading developer of products in the field of electromechanical locking technology.
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.