



CLIQ™ Remote

Access at a distance

ASSA®
ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

CLIQ™ Remote combines mechanical and electronic security

ASSA CLIQ™ Remote has been developed with a focus on the customer's remote security, administration and bottom line. CLIQ™ Remote is aimed at customers who need to change authorisations relatively often, and need mechanical security. The system is designed with the advantages of both access control and mechanical key systems, making it more cost effective.

CLIQ™ Remote makes it possible to give one person — regardless of location, anywhere in the world — remote access to a building. It also offers the option to decide the time of day an issued key will start and stop working, as well as in which doors.

CLIQ™ technology increases security and provides traceability

Security is compromised from the time a key is lost or stolen until either the key is found or the cylinders have been replaced. CLIQ™ Remote solves this problem because the system can automatically remove the authorisation remotely. A key that is not updated after a period of time set by the administrator loses its authorisation and security is restored. The key becomes useless.

Future-proof

Without a patented security solution, no master key system is secure. That's why ASSA CLIQ™ Remote has a strong patent that protects you from keys being illegally copied throughout the time that the patent is valid, making ASSA CLIQ™ Remote an optimal security system throughout its lifetime.





CLIQ™ Remote means that:

- 1 A key with CLIQ™ has a built-in clock and memory**
 - Makes it easy for the administrator to control authorisations with the schedule.
 - A key with CLIQ™ can be controlled to work at different times on different days.
 - A key with CLIQ™ can be issued before the time when it will work.
 - A key that is not returned will stop working at a specified time.
- 2 Validation of keys increases security if a key is lost**
 - With validation users extend their authorisations to relevant doors.
 - New authorisations are automatically loaded into the key when the key is updated.
 - Regular validation significantly reduces the risk of lost keys.
- 3 Traceability and logs create safety for all users and administrators**
 - Every time a door is unlocked, or an attempt is made to do so, it is logged in the system.
 - If necessary, the administrator can view all events in CLIQ™ Web Manager
- 4 Remote updating of authorisations minimises work and saves time**
 - No keys or cylinders need to be collected to make changes to authorisations.
 - All administration of authorisations can be done via web-based software.
 - The key updater is connected to the network and can be positioned according to the customer's wishes.
- 5 The combination of mechanics and electronics provides a unique level of security**
 - A patented mechanical key is the cornerstone of all security. Electronics further strengthen it over time.
 - The option to combine cylinders with CLIQ™ for high security with only mechanical cylinders creates cost-effective solutions.

System components may be combined in a variety of ways, allowing for a unique solution for each customer.

Administration



CLIQ™ Web Manager



Programming keys



CLIQ™ Terminal

Electromechanical locking, dp + CLIQ™



dp cylinder with CLIQ™ Remote



dp + CLIQ™ Remote key



Key updater



Padlock with CLIQ™ function



Mechanical locking



dp key



dp cylinder



Padlock with dp cylinder





ASSA CLIQ™ Remote is easily adapted to the risks and needs of any operation

With CLIQ™ Remote it is possible to combine different security levels in the same master key system, without the user needing multiple keys. It is rarely necessary to have the same level of security on all doors in a building. Usually higher security is needed for doors that provide perimeter security and for doors to sensitive areas such as IT rooms, R&D departments and storage facilities. Rooms that do not require the same high level of security can be fitted with cylinders that provide lower security, but still use the same key as a basis, which means it is possible to customise a more advantageous and cost-effective locking systems.

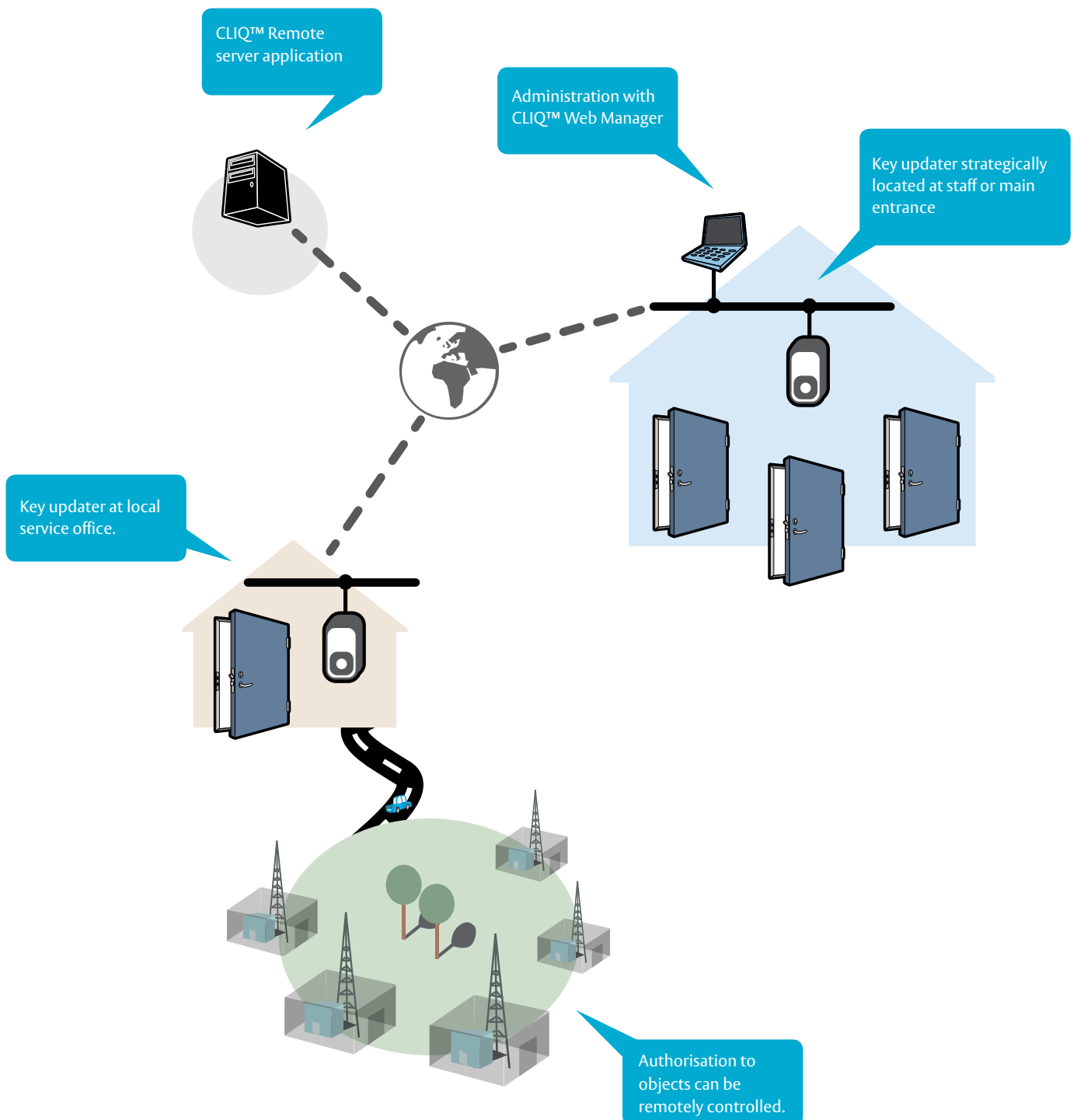
With CLIQ™ Remote, a single locking system can have two different levels of security.

1. Mechanical combined with electronics provide maximum security
2. Mechanical high security

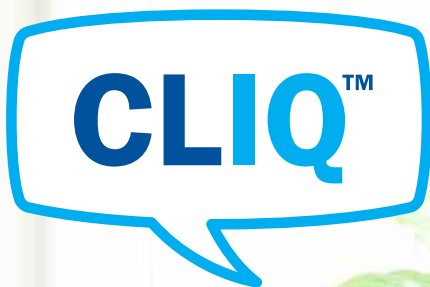
Each individual receives a key that opens the doors to which he or she may have access, depending on the day and time. This feature is unique to CLIQ™ Remote.



CLIQ™ Remote helps you to take a total solution approach to key administration, regardless of facility placement or size, saving both time and money.







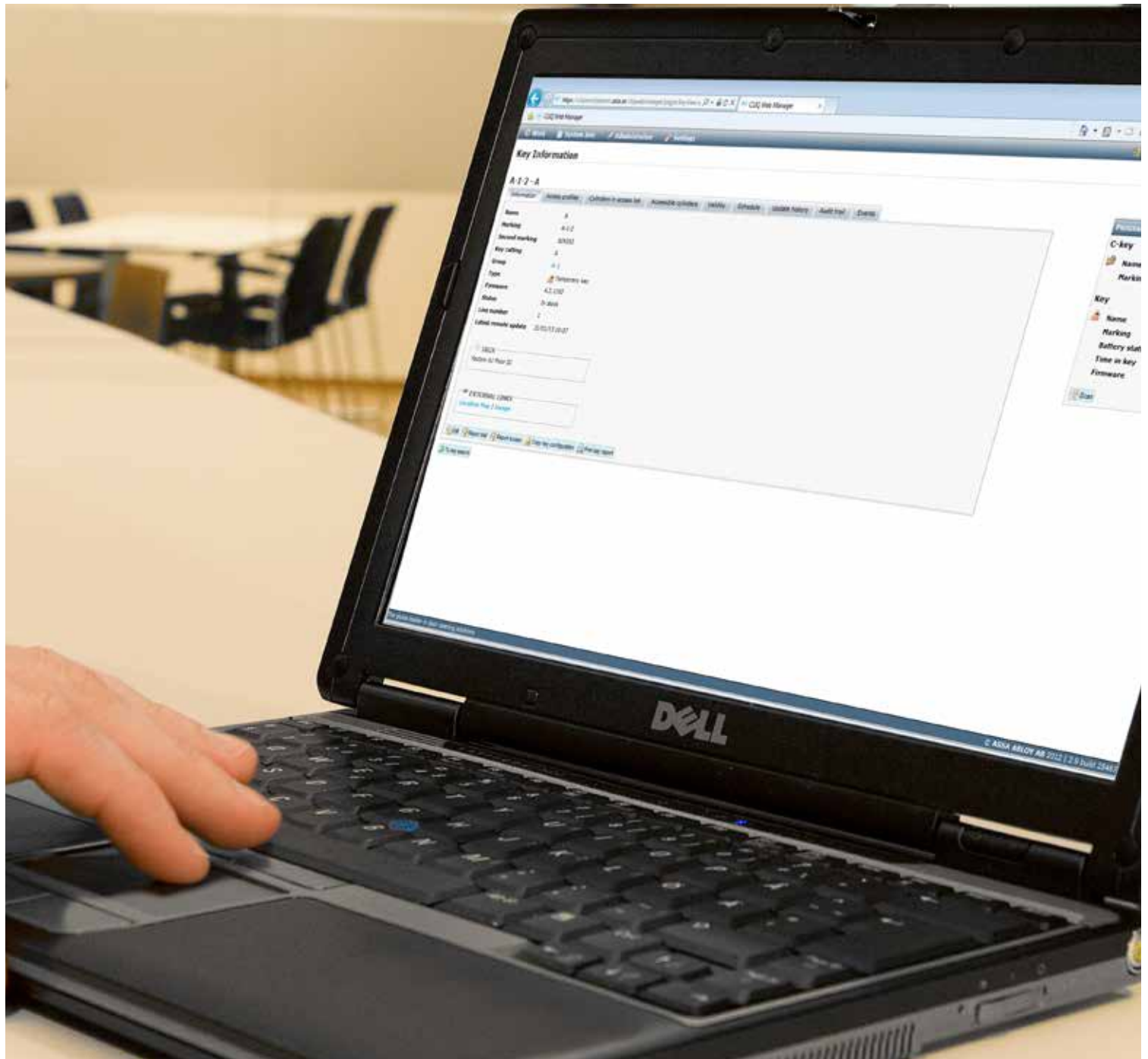
Control authorisation on keys with schedules for times and days

CLIQ™ Remote makes it possible to give one person, regardless of location, remote access to a building for a specific period, day or time. The web-based application CLIQ™ Web Manager links users with one or more key updaters strategically located where users frequently pass, such as the staff entrance or main entrance, depending on what is appropriate for the operation.

Because the keys have a built-in clock, it is possible to control the user's authorisation during selected times. You can specify both a start and a stop time when a key may have access to a particular object. Outside the specified time interval the key is inactive, which means the key can be issued

before it will be physically used. Since the key has a built-in clock it is automatically enabled on the specified start date and then has authorisation until the stop time.

Another option that CLIQ™ Remote offers is the schedule function. You can select how the key should work during a week, weekdays only, or for a weekend session. Of course it is also possible to choose which doors the key should be able to open on each day, making it easy to provide access to the right people with temporary assignments or individual call-outs, without compromising security or risking incorrect usage of keys.



Easy administration with a user-friendly web interface

CLIQ™ cylinders and CLIQ™ keys are programmed using the CLIQ™ Web Manager software. The system can be administered by one or more users simultaneously and provides a good overview of the locking system, authorisations and issued keys. CLIQ™ Web Manager does not require local installation on a computer. The program is web-based, which ensures that the administrator always works in the latest version, as well as automatic backup of the database.

No additional software has to be installed, nor does any server space have to be allocated at each company that uses CLIQ™ Remote.

Use the key updater to download
new authorisation for the key.



Easy updating of personal keys creates a balance between needs, requirements and risks

Administrators can make all daily changes without ever needing to have the keys physically. Instead, the respective key holders find a key updater and download their new authorisation. The key updater can be conveniently located at a staff entrance, service office or other location that personnel pass, so that everyone can conveniently update their keys.

With a CLIQ™ Remote system changes can easily be made without replacing or collecting keys or cylinders. Even if cylinders should still have to be moved, this is easily done since no cables are connected.



A CLIQ™ cylinder is always easy to install

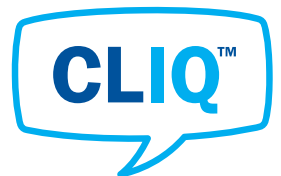
A CLIQ™ cylinder is easy to install. Installation is the same as for mechanical locking cylinders with just four screws – no cables and no need to modify the door. Since the door remains unharmed, the cylinder can be easily moved if necessary. Another important aspect of installation is that it does not have a negative impact on the door's fire rating or sound insulation. You also avoid contact with any asbestos in the doors.

The key runs on a battery with a long life, which is necessary to store logs and manage schedules. When updating, or when opening a door, the key gives a signal so that the battery can be replaced in good time. Having the batteries in the key is an advantage because they can be easily replaced.

Rapid installation provides low cost during installation, or if changes in the facility make it necessary to move the cylinders.

ASSA dp + CLIQ™ key

In addition to the battery, a chip with both memory and processor is built into the key. The memory contains encrypted codes, logs and the unique identity of the key. The authorisation code is based on the established encryption standard, DES. The key is IP55-rated.





Traceability aids safety and facilitates follow-up of unforeseen events

All keys are unique. As a precaution, it may be good to know that each time a key is used it is recorded and the information is stored in the cylinder and the relevant key. The key carries information about the doors it has unlocked. Keys that try to unlock doors for which do not have authorisation are also registered.

If an incident should occur, an investigation may require tracking which keys have passed through the doors by checking the log list, since all data are stored in the CLIQ™ Web Manager. Of course, only authorised system administrators may have access to the logged events.



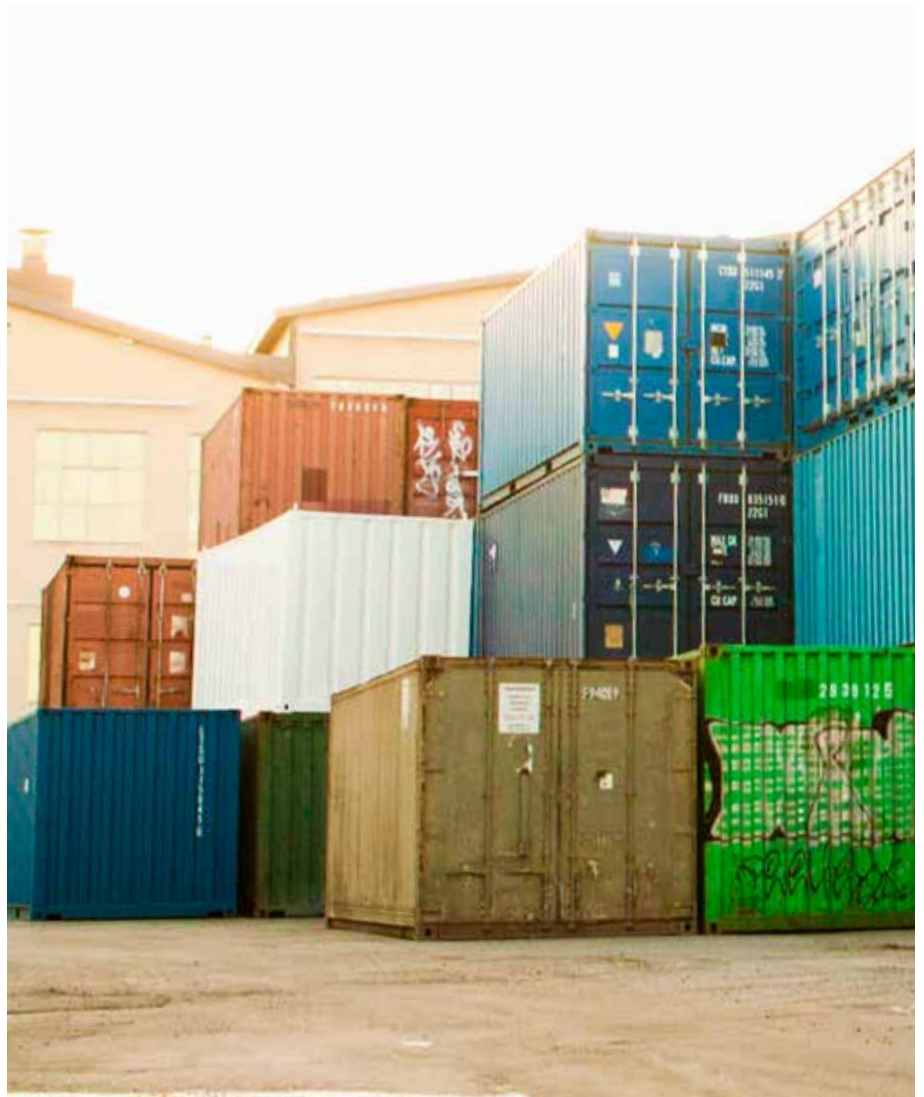
At the prize ceremony for the Detektor International Awards 2011 the jury said: "ASSA shows its ability to master the art of implementing smart contemporary functionalities for user-friendly web-based security management in intelligent key systems."



Less risk of disappearing keys with validation

Unfortunately, sometimes keys disappear, are temporarily lost or not returned. But, since the CLIQ™ key has a battery with built-in clock, this problem can be solved by implementing validation requirements.

For example, if keys are programmed with authorisation for 24 hours, the user must access a key updater in order to get new authorisation afterwards. Such a solution is ideal for cases such as a service technician with a short assignment, or someone who needs access and authorisation during a particular shift. A lost key to an important door is therefore no longer a security risk. The electronic authorisation can simply be blocked, and the key becomes useless, even if it fits mechanically. And of course if the key is found at a later date, it can be updated and used again.



Imagine even being able to control authorisations on padlocks

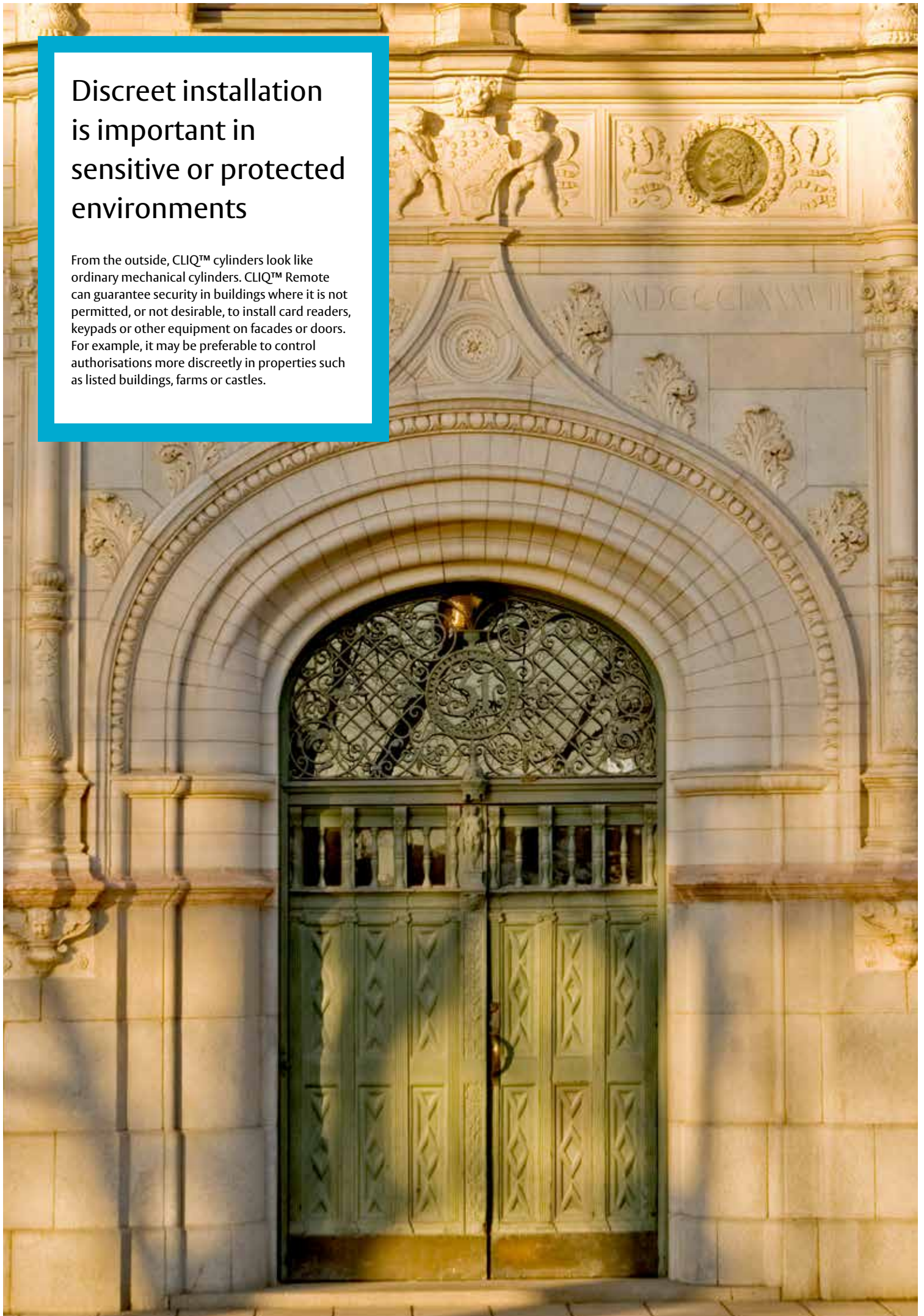
A CLIQ™ cylinder has the same format as other cylinders, which opens the door for possibilities. For example, the same key can be used for a window, gate or padlock. Padlocks with CLIQ™ Remote functionality are therefore a common solution for convenient remote management of access to gates and sheds, or facilities where it is otherwise very difficult and complicated to install other types of authorisation control due to distance or locking.

ASSA offers padlocks with CLIQ™ functionality from class 2 up to 4. Insurance companies often request high-security padlocks



Discreet installation is important in sensitive or protected environments

From the outside, CLIQ™ cylinders look like ordinary mechanical cylinders. CLIQ™ Remote can guarantee security in buildings where it is not permitted, or not desirable, to install card readers, keypads or other equipment on facades or doors. For example, it may be preferable to control authorisations more discreetly in properties such as listed buildings, farms or castles.



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

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe, North America and the Middle East.

As the world's leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company on the market.