



CLIQ[®] Remote

ASSA ABLOY
Opening Solutions

Access at a distance

The global leader in
door opening solutions



CLIQ® Remote combines mechanical and electronic security

The basic idea of CLIQ® technology is the creation of a lock system that retains a high level of security despite upgrading, alterations or expansion. Even after many years of use and a constant flow of new tenants, new employees or changes that occur in the workplace, the safety level remains unchanged. The system is designed with the advantages of both access control and mechanical key systems, which makes it suitable for geographically scattered businesses.

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.

Digital key management

Using the Internet-based administration software, key receipts are handled completely digitally, which simplifies archiving and searching, while helping to save the environment.

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 authorization remotely.

Future-proof

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

Advantages of CLIQ® Remote

- 1 A key with CLIQ™ has a built-in clock and memory**
 - Makes it easy for the administrator to control authorizations 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 authorizations to relevant doors.
 - New authorizations 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 peace of mind for all users and coordinators**
 - 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 authorizations minimizes work and saves time**
 - No keys or cylinders need to be collected to make changes to authorizations.
 - All administration of authorizations 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 and 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 software



Administration keys



Login terminal

Key updating devices



Wall-mounted key updater



Vandal resistant key updater



Mobile key updater

Electromechanical locking



Electromechanical cylinders, available in all shapes and sizes with CLIQ® function



Electromechanical key with CLIQ® function



Weather-protected padlock with CLIQ® function



Padlock with CLIQ® function

Mechanical locking



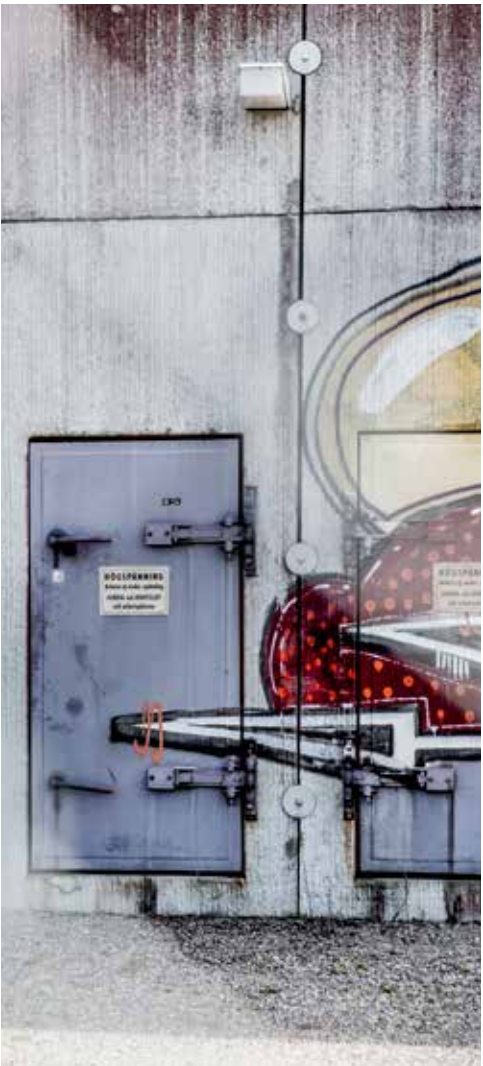
Mechanical key



Mechanical cylinders, available in all shapes and sizes



Padlock with mechanical cylinder



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. The same level of security on all doors in a building is rarely necessary. 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 customize a more advantageous and cost-effective locking system.

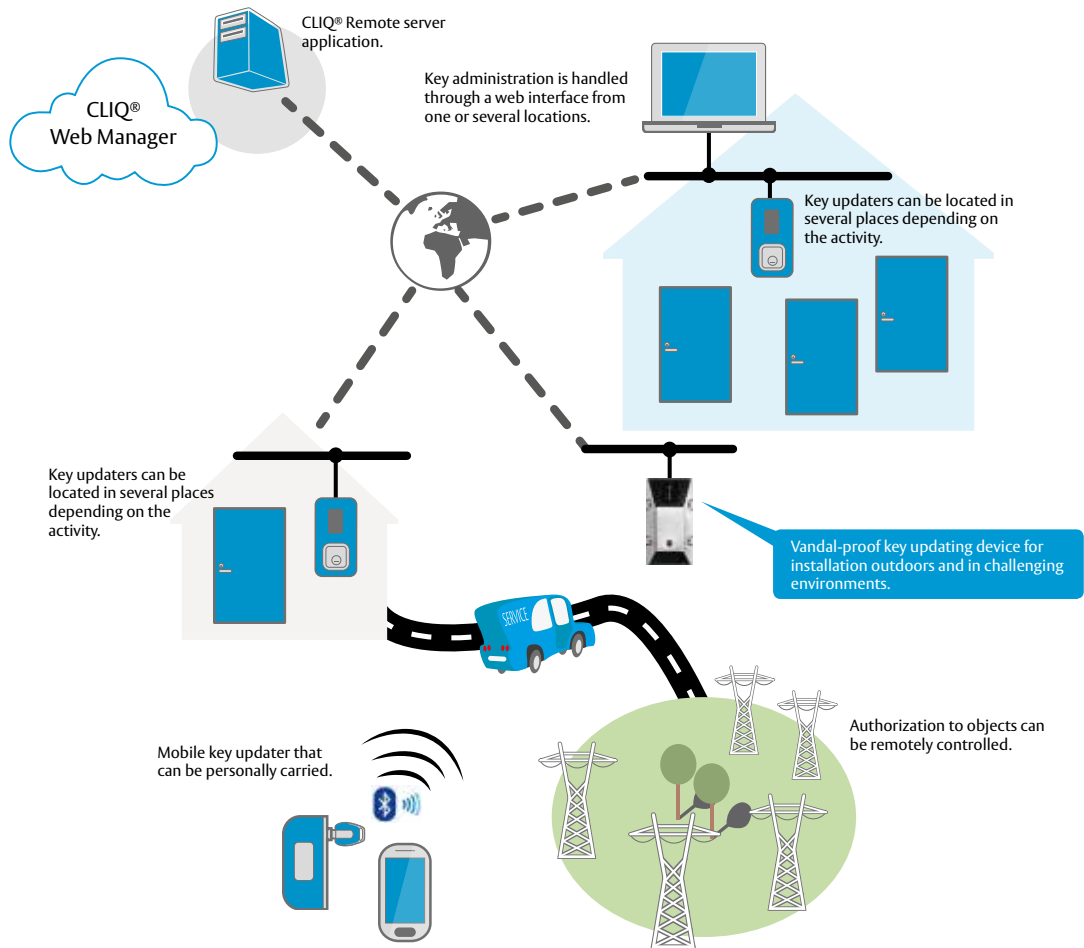
With CLIQ® Remote, a single locking system can have three different levels of security.

- 1. Mechanics combined with electronics provide maximum security
- 2. Mechanical high security
- 3. Mechanical normal 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.

System configuration CLIQ® Remote

– Access at a distance



CLIQ® Remote allows authorizations and updates from administrators to be sent to users across geographically scattered locations. Users synchronize their keys in the key updater.



User key
In addition to mechanical combinations, the user key also contains electronics for identification and a battery power supply. All keys have a time function and can be controlled with a schedule.



Master and Setup key
The system operator key is used to log into the software and to program keys in cylinders. Can carry information such as customization of authorizations and/or read-out of the cylinder's history.



Wall PD
The device is used to allow users to update their key authorizations without contacting the administrator. The device is also available in a vandal-resistant version that can withstand challenging environments outdoors and indoors with protection against shocks, moisture, dust and water.



Mobile PD
Mobile PD is a key updater that can be personally carried and synchronized with a smart phone or PC.



Electromechanical cylinders
SSF certified cylinder; meets the requirements of SSSF3522, Class 3 and EN1303 Grade 6.



Mechanical cylinders
SSF certified cylinder; meets the requirements of SSSF3522, Class 3 and EN1303 Grade 6.



Power supply
Lithium battery; standard type CR2025.



Terminal
Device for programming and startup of cylinders and keys with CLIQ® function.



Online software
CLIQ® Web Manager offers advanced security and convenient access to web-based management software.

Remote updating of authorizations minimizes work and saves time

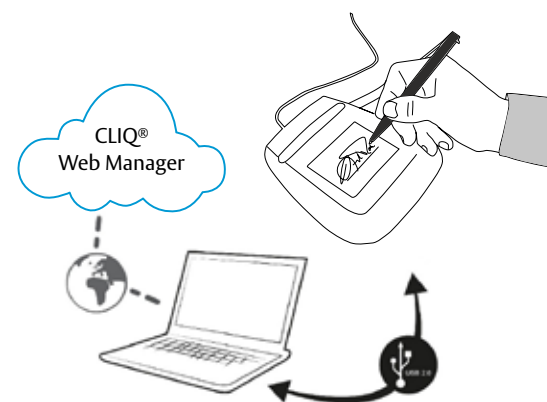




Smart administration with a user-friendly web interface

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, authorizations 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.



Key receipts can be handled completely digitally, which simplifies archiving and searching, while helping to save the environment.



Control authorization 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 authorization 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 authorization 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.

A vandal-resistant key updater can withstand the most challenging environments and has protection against shocks, moisture, dust and water. IP 65 and IK 9 classified.



Use the key updater to download new authorization 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 authorizations. 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 mobile key updater can be personally carried to allow users to update their authorizations without contacting the administrator.



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 lifetime, 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.

CLIQ® Remote 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 authorization code is based on the established encryption standard, DES. The key is IP55-rated.





Traceability aids peace of mind 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 logged 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 they do not have authorization 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 authorized system administrators may have access to the logged events.

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Less risk of disappearing keys with validation

Unfortunately, sometimes keys disappear, or are temporarily lost and 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 authorization for 24 hours, the user must access a key updater in order to get new authorization afterwards. This a solution is ideal for cases such as a service technician with a short assignment, or someone who needs access and authorization during a particular shift. A lost key to an important door is therefore no longer a security risk. The electronic authorization 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 reset by the administrator and used again.





Imagine even being able to control authorizations 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 authorization control due to distance or locking.

ASSA ABLOY offers weather-protected IP 68 padlock with CLIQ® functionality from class 2 up to 4. Insurance companies often request high-security padlocks.



Discreet installation is important in sensitive or heritage environments

From the outside a CLIQ® cylinder looks like an ordinary mechanical cylinder. 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 authorizations more discreetly in properties such as heritage buildings, museums or castles.



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

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