ABLOY®

ABLOY®PROTEC²

LOCKING TECHNOLOGY and CLIQ REMOTE ADMINISTRATION SYSTEM

Security solutions for professionals

ABLOY®PROTEC² CLIQ REMOTE is a time saving and cost effective solution for demanding applications in the field of high security.

ABLOY® PROTEC² CLIQ™

Today´s security standards set requirements for mechanical keys and cylinders for picking, manipulation and mechanical resistance as well as copying of keys and distribution of key blanks.

In **ABLOY®** PROTEC² CLIQ, the CLIQ electronics are integrated with the unique, high security **ABLOY®** PROTEC² mechanical disc cylinders and keys that already meet these rigorous specifications.

With the CLIQ technology and its strong encryption the new **ABLOY®** PROTEC² CLIQ provides mechanical security combined with electronic security as well as the patent protected keys and key blanks.

SECURE AND FLEXIBLE
You can obtain both flexibility and security by combining mechanical codes with electronic codes in keys and cylinders. The number of combinations of keys is infinite. Every cylinder and key in a **ABLOY®** PROTEC² CLIQ system has an unique identity.

ENSURES LASTING SECURITY
Keys get lost. This is a simple fact. With an **ABLOY®** PROTEC² CLIQ system you can easily deny access rights for lost or stolen keys. On the other hand you can add keys and give them the access rights needed.

AUDIT TRAIL WITH DATE AND TIME
Audit trail control is built-in both the cylinders and the keys. The cylinder audit trail chart holds 1000 transactions in its memory. The cylinder audit trail shows the date and the time for an **ABLOY®** PROTEC² CLIQ key when was inserted into the cylinder.

The key audit trail holds 100 or 1800 transactions depending on the chosen key type. Audit trail shows the date and the time for every **ABLOY®** PROTEC² CLIQ cylinder the key was inserted into.

FULL CONTROL OF ALL YOUR KEYS
Since every **ABLOY®** PROTEC² CLIQ key is unique it is personalized for its user. As an administrator you use hand in/hand out procedure. Lost or stolen keys can be easily removed from the system.

MASTERKEYING
You can design a system to fit your organization and your premises. Make it flexible within a department, within a floor, within a building. Build high security zones with **ABLOY®** PROTEC² CLIQ cylinders and mix with ordinary mechanical cylinders for other areas.

EASY TO UPGRADE AND CUSTOMIZE
An **ABLOY®** PROTEC² CLIQ system is just as easy to install as traditional mechanical lock system. If you already have a lock system installed and wish to upgrade it, you just exchange the cylinders and customize the new keys. In many cases you can even have the new keys made to fit the mechanical cylinders already installed.

WHO BENEFITS
FROM INTELLIGENT SECURITY?
BUILDING OWNERS
With an **ABLOY®** PROTEC² CLIQ system installed you know you have taken every possible precaution. The technology is built to meet future changes. And it is also very flexible and convenient for the users.

SECURITY MANAGERS
Having full control of your keys is perhaps the most important factor. With **ABLOY®** PROTEC² CLIQ you can remove the access rights of lost keys. Moreover, you always have the possibility to create "islands" of even higher security within your existing system.

KEY HOLDERS
ABLOY® PROTEC² CLIQ key is easy to use, just like mechanical key. Key has access rights only when needed. The ability to check from system whose key was used. It is very important from the individual´s point of view.

LOCKSMITHS/DISTRIBUTORS
An **ABLOY®** PROTEC² CLIQ system is as easy to install and as easy to maintain as any traditional key system. Even an existing mechanical **ABLOY®** PROTEC² locking system can be upgraded or expanded with **ABLOY®** PROTEC² CLIQ keys and cylinders.

✔ BENEFITS FOR
MANAGEMENT, OPERATION, SECURITY, ADMINISTRATION, USER, CONTRACTOR, PERSONNEL

ABLOY® PROTEC² CLIQ cylinders

SECURE
Dual security - high security mechanical and encrypted electronic.

FUNCTIONAL
Audit trails from cylinder and key. Power supply from key, no batteries in cylinder.

PRACTICAL
Master keyed system can include mechanical and electronic keys and cylinders.

EASE OF
Usage
Installation - no wires
System updates.

FLEXIBLE
Add or remove keys quickly. Easy change of cylinder combinations.

COST-EFFECTIVE
Low installation costs. Low maintenance costs. Long life cycle.

TIME FUNCTION
Keys are valid to your specified time and date. Battery in the key allows time functions.

EASY RETROFIT
ABLOY® PROTEC² CLIQ cylinders are designed to retrofit directly into your existing mechanical lock system.

ABLOY® PROTEC² CLIQ keys

ABLOY® NQ406

ABLOY® NQ406 - Normal user key:
- Key is authorized in lock memory; all changes need to be programmed in lock
- Validation time sets key active between selected dates
- Weekly schedule can contain 50 time periods, even overnight and lock specific
- Collects audit trails (max. 100 latest)
- "Close" audit readable in case key has been in lock more than one minute
- Space for RFID tag in keybow
- possible to order ATEX validated products
- IP57

The best choice when administration is done easiest by programming cylinders and when changes rarely occur.

ABLOY® NQ407

ABLOY® NQ407 - Dynamiq key:
- Authorized locks are saved and updated in keys´memory
- Validation time sets key active between selected dates
- Weekly schedule can contain 50 time periods, even overnight and lock specific
- Collects audit trails (max. 1800 latest)
- "Close" audit readable in case key has been in lock more than one minute
- Space for RFID tag in keybow
- possible to order ATEX validated products
- IP57

The best choice when keys authorisations need to be changed often and keys are accessible by remote programming.

WHY ABLOY® PROTEC² CLIQ?

- Electronic keys can be programmed to be valid for the limited time as required eg. scheduling key according to workshifts.
- Keys access rights can be changed flexibly.
- Lost or stolen keys can be eliminated from system without changing mechanical cylinders.
- Battery in the key allows time function.
- Audit trail, which is saved in keys and cylinders, can be viewed and reported.

ABLOY® PROTEC²CLIQ™ REMOTE

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ABLOY® PROTEC² CLIQ REMOTE

Emphasising CLIQ features and a functional key administration

- Central administration and key management solution.
- For master-keyed systems located even in geographically wide area.
- Improved key security - keys can be programmed remotely on time.
- Less administrative work and work stations.
- Automatic functions: validation of keys and collection of audit trails.
- High security data transfer.
- Easy-to-use key management software **ABLOY®** CLIQ Web Manager.

ABLOY® PROTEC² CLIQ REMOTE

- Centralized key security management from small to large systems.
- Reporting of system events.
- Key holder administration - controlled key issuing.

ABLOY® PROTEC² CLIQ REMOTE
and Key Administrator
Sending remotely
- Access rights.
- Time settings.
- Valid times.
- Weekly schedules.
- Collecting audit trails from keys.

ABLOY® PROTEC² CLIQ REMOTE
and Subcontractor/Employee
- Key with accurate access rights and time.
- Key has limited valid time.
- Follow up with audit trail.
- Less risk if lost.

ABLOY® PROTEC² CLIQ
Web Manager Software
- Adminstration of **ABLOY®** PROTEC² CLIQ REMOTE master-keyed system.

PROGRAMMING DEVICES (PD)

A separate exterior programming device serves as a link between the information in the task server and every key and cylinder in the system. The chance of abusing the system is minimized as the high level data encryption is used and the programming device does not store the data it receives.

For downloading key authorisations from nearest WallPD or MobilePD.
Key holder receives information of key function to personal email address.

Control panel of WallPD

Indication

When CLIQ logo light is solid WallPD is ready to use. If light is blinking WallPD is establishing connection.

LEVEL OF KEY BATTERY	
CONNECTION TO TASK SERVER	
KEY WRITING	
MESSAGE INFO	
ERROR IN PROGRAMMING	

ABLOY® NQ421 WallPD
- A wall mounted key programming unit.
- Ethernet connection.
- Power through 12 - 24 V adapter or PoE (Power over Ethernet).
- Relating to a particular locking system.

ABLOY® NQ422 MobilePD
- A personal programming unit connected to mobile phone.
- Standard 4 x AAA battery power.

COSTSAVING FEATURES:

- Keys validated and authorised where key holders are.
- Managing a vast geographical area.
- Key validated automatically for certain periods of time.
- Audit trail collected automatically from keys.

BENEFITS ABLOY® CLIQ WEB MANAGER

- Web based key management software with multiple language options.
- Strong end-to-end data security.
- Integration with Web services module to other software.

"I can hand out keys to distant employees, since keys are validated only after receiving the signed receipt. I manage the whole system from my desktop."

"I renew my keys´ validation daily through CLIQ REMOTE."

"I get access right on time where ever I need them."

"I can check daily from audit trail archive whether our subcontractors have been to site as agreed."

"I feel more responsible for my keys, since it is tagged with my name."

ABLOY® products fullfill the needs and expectations for physical protection to meet ever growing threats from vandalism, theft and terrorism.

WIDE PRODUCT RANGE

ABLOY® PADLOCKS

Independent test results have confirmed that **ABLOY®** padlocks continue to operate smoothly after the toughest corrosion tests. They are therefore recommended as the best possible choice for unprotected environment in severe conditions. The special **ABLOY®** PLW- series is a new, weather-resistant padlock range designed to operate in harsh conditions.

ABLOY®VEGA cabinet locks are suitable for a wide range of applications including office furniture, lockers, cabinets, sliding door etc.

The benefits offered by **ABLOY®** CAMLOCKS make them ideally suited to the high security applications.

ABLOY® DOOR LOCKS are the ideal choice for hospitals, universities and large industrial and government buildings. Retrofit cylinders can be supplied to fit most applications worldwide. Product range includes products for different markets and their special needs.

SPECIAL APPLICATIONS

We have long experience providing custom made products and solutions for several special applications.

HOSPITALS

In hospitals the need for openness and accessibility conflicts with the requirements of safety for staff and patients and of security for drugs and equipment. In hospitals from security´s viewpoint the need for different security zones is obvious. The typical zones might be consulting rooms, operating theatres and wards in each department.

SCHOOLS AND UNIVERSITIES

Because today´s school premises are used from early morning until late into the evening, security must be designed to accommodate a wide variety of activities. This applies to all types of school buildings. For colleges and universities the need for flexibility combined with security and access rights on time is even higher.

TELECOMMUNICATION

Communication networks worldwide depend upon the ability to deliver their service continuously 24/7. Any break or interruption to this service caused by vandalism or physical attack will prove costly in reputation and finance.

WATER INDUSTRY

Water industry uses a huge complex of storage reservoirs, water cleaning plants, pumping stations and distribution pipelines. In order to secure uninterrupted distribution they have to protect the purity of water and defend it from contamination. Premises and equipment need to be protected against all kind of vandalism.

TRANSPORTATION

Huge operations are run daily. To be able to fulfil the customer promise, both quality and quantity of the load is required to be maintained despite of the circumstances during the transportation. Environmental factors, safety of employees and public, as well as security of both the cargo and the equipment are of great importance.

MILITARY

Accessibility into the ammunition stores must be controlled. Vehicles, equipment and severe premises have to be locked. Critical departments, information and infrastructure must be protected. Misuse or any kind of sabotage is not an option.

ELECTRICITY INDUSTRY

The security of electricity plant is essential to the people´s well being and as such its protection is vital. 24/7 service without any interruption is undeniable fact and therefore all security measures and prevention of sabotage are justified. Premises and equipment need to be protected against all kind of sabotage.

BENEFITS

- ✓ Centralised administration.
- ✓ Cost saving.
- ✓ Full control of keys.
- ✓ Audit trail from lock and key.
- ✓ Keys access rights can be changed flexibly.
- ✓ Keys are valid to your specified time and date eg. scheduling key according to work shift.
- ✓ Keys can be programmed remotely.
- ✓ Lost or stolen keys can be eliminated easily from the system.
- ✓ Automated collection of key audit trails.