

An intelligent lock system that combines the best of design and electronics in the smartest possible manner.

**We call this technology CLIQ.**

**Lock systems with built-in intelligence**

We are now introducing an intelligent lock system that combines the best of design and electronics in the smartest possible manner. We call this technology CLIQ. ASSA CLIQ technology is built into a new generation of ASSA Twin CLIQ lock cylinders.

not require wiring, an external power source or extra equipment of any kind. Just take it out of the box and install.

**Easy to use**

The ASSA CLIQ system is easy to use. All the user needs is their personal key. Since every key has its own identity, it becomes the "personal property" of the key holder.

**Combining security with flexibility and durability**

ASSA CLIQ guarantees security despite changes that may be made in the system – for example, expansion or multiple key distributions. ASSA CLIQ gives control over all keys, can easily be upgraded and can be tailor-made to suit any needs.



From the world's leading lock group CLIQ technology is the result of a combined development project within the ASSA ABLOY Group. Several group companies, including ASSA AB, have participated in this extensive, international cooperative effort.

**Just install**

ASSA CLIQ is developed from the renowned ASSA Twin cylinders. This means that the same high quality, proven mechanical security, tested and approved by insurance companies, is guaranteed. All of the technology fits into the present cylinder specifications. As opposed to existing electronic and electromechanical lock technology, ASSA CLIQ systems do

**Interactive intelligence ties the system together**

CLIQ makes intelligent, flexible and high security lock systems possible. The key's mechanical design creates the basic foundation made up of different security zones in the same way as in mechanical lock systems. The electronic programming of the keys gives authorization to individuals or to group of individuals.

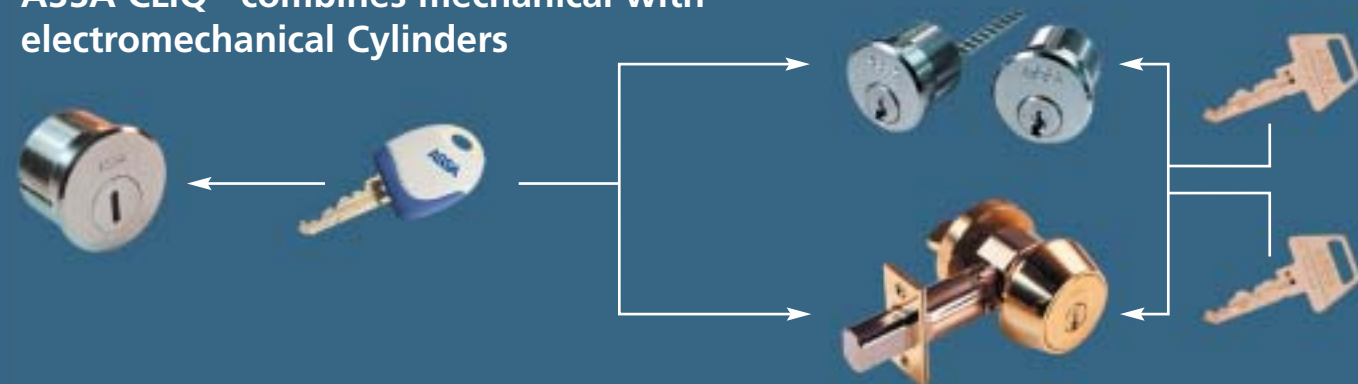


www.assalock.com

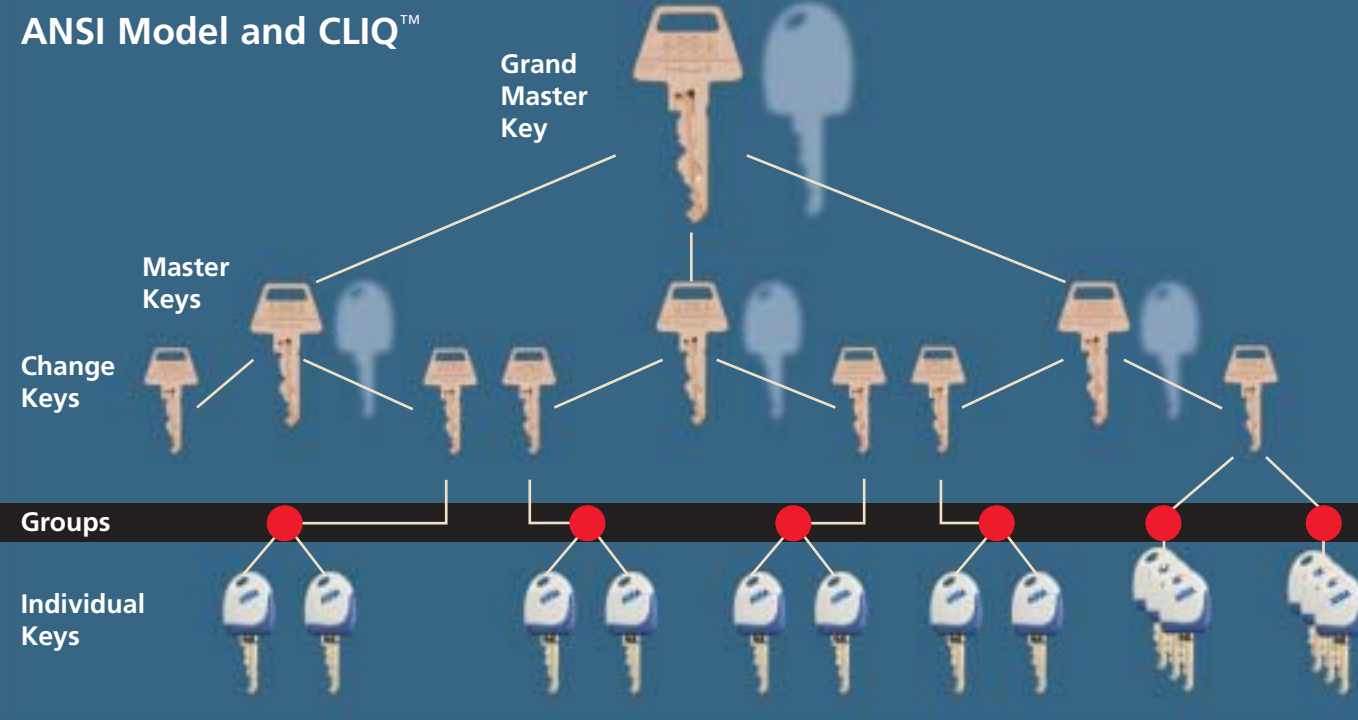
Advanced encryption that counteracts manipulation.



**ASSA CLIQ™ combines mechanical with electromechanical Cylinders**



**ANSI Model and CLIQ™**



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**ASSA®**  
 CLIQ™ Technology



Lock Systems With Built-In Intelligence

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# CLIQ™

## Keys, Software and Components.

**Product features:**

- Audit Trail with Date & Time
- Time Zoning
- Ease of Installation
- No Wires
- Can Use Existing Door Prep
- Power Supply is Provided by the Key
- Data Transfer 64 Bit and Higher
- Can Be Tied Into Specific Twin Pro Master Key Systems
- Battery Life 2 Years or 20K Openings
- Lifetime on Key Breakage



**Programming unit**  
A programming unit for programming of U-keys (user keys) and cylinders (via a cylinder-specific contact).

**Demo unit**

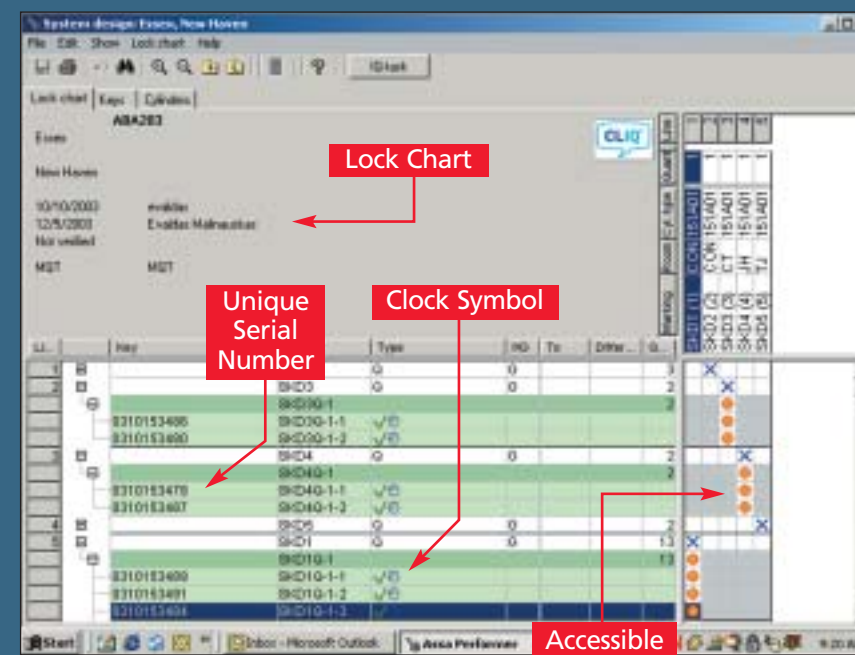


**CLIQ Software**

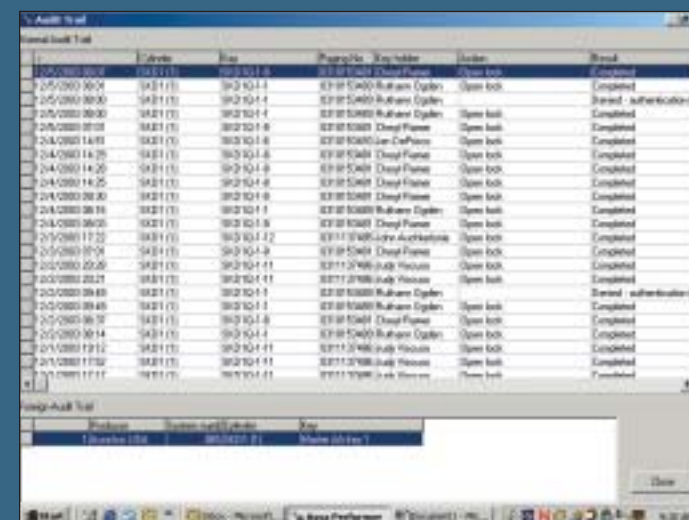
CLIQ Technology offers software to interface with your computer and the programmer to keep track of all functions of the cylinders and keys. **The Lock Chart (Fig 1)** shows the basic screen with the serial numbers keys on the left and the cylinders on the right. The intersecting squares show you the status of the key and cylinder.

**The Cylinder Audit Trail Chart (Fig 2)** shows the date and time a CLIQ key was inserted into the cylinder and the action the cylinder took with that key. This chart holds 1000 transactions and drops off the oldest transaction once cylinder reaches 1001 transactions in its memory. The cylinder also keeps track of Foreign Audit Trail, which means if a key from any other system is inserted into the cylinder that will be registered. The cylinder will register 10 of these in its memory and drops off the oldest transaction once cylinder reaches 11 (This number is adjustable).

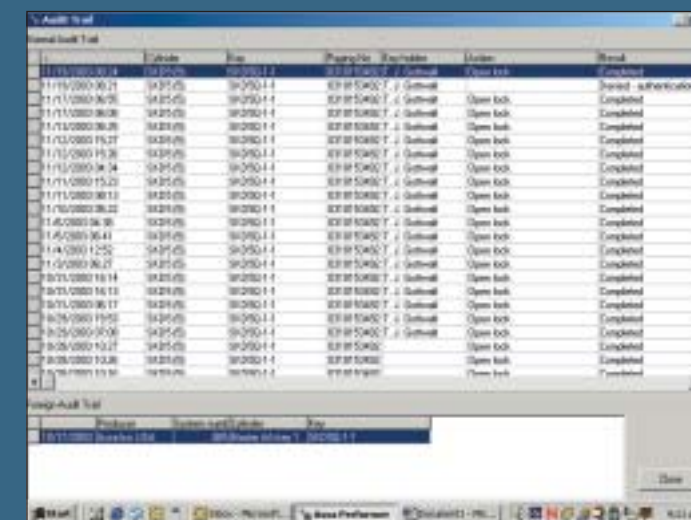
**The Key Audit Chart (Fig 3)** shows the date and time for every CLIQ cylinder the key was inserted into and the action the cylinder took when it received this key. This chart holds 100 transactions and drops off the oldest transaction once the key reaches 101 transactions in its memory. The key also keeps track of Foreign Audit Trails, that means if the key is inserted into a cylinder from any other system, which will be registered in the key, the key will register 10 of these in its memory and drops off the oldest transaction once the key reaches 11.



**The Lock Chart (Fig 1)**



**The Cylinder Audit Trail Chart (Fig 2)**



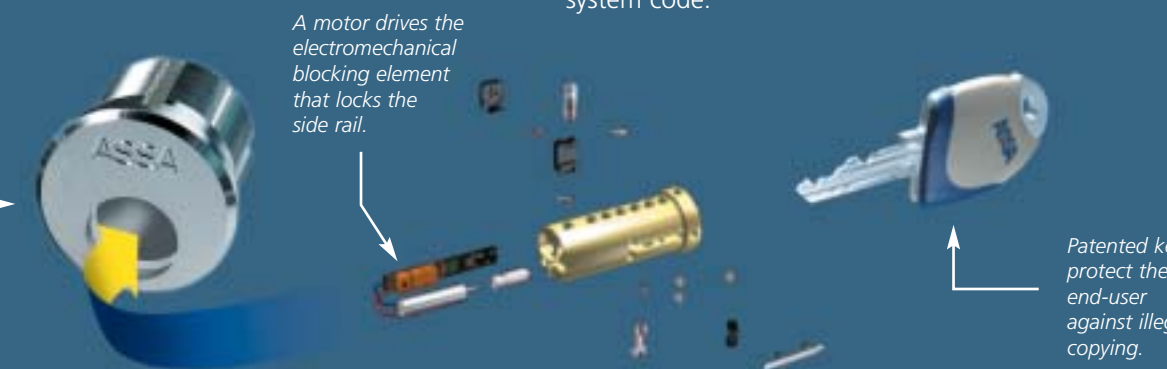
**The Key Audit Chart (Fig 3)**

**Advanced encryption that counteracts manipulation**  
Encryption is a classic method to keep sensitive information concealed. Modern technology has made everyday use of advanced mathematical encoding systems possible wherever information must be kept secret, for instance in connection with electronic transactions.

**Limitless flexibility and security**  
The ASSA CLIQ is flexible and its easy-to-use system solutions can be applied almost anywhere – commercial workplaces and institutions, industries and housing complexes.

**Electronic intelligence without wires**  
CLIQ technology is made possible by miniaturization of the electronic components. Electronic intelligence has been built into the system with help from electronic circuits in both the key and cylinder.

*Specific ASSA Twin Pro Key Systems*



**Electromechanical blocking**

The cylinder has a built-in electronics package. This package communicates with the electronics in the key and activates a small electric motor that drives an electromechanical blocking element that locks the side rail. All of these components are integrated in the lock cylinder and are well protected against manipulation.



ASSA CLIQ can be used to lock safes as well as doors, gates and even padlocks. There are few limits to the security system based on ASSA CLIQ.

**Reliable security**  
CLIQ technology's basic idea is the creation of an intelligent security system. That means a lock system that retains a high level of security despite upgrading, alterations or expansion. Even after many years of use by a continual flow of new tenants, new employees or changes occurring in the workplace, the level of security will remain the same.

**Keys with double technology**  
The ASSA CLIQ key has the same type of mechanical coding as an ASSA Twin key; a system code and a side code. But the key has an electronic code programmed into a memory chip in the key bow instead of a mechanical side code. The memory chip controls an electronic side code that complements the mechanical system code.