KELNET

"DISTRIBUTED SYSTEMS" CERTIFIED HIGH-SECURITY ELECTRONIC LOCK FOR SAFES AND VAULTS

KelNet is an electronic lock for securing access to valuable objects inside safes and vaults. User identification combined with delayed opening at certain times ensures optimum security.

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→ Keep your values safe

Flexibility and simplicity

The design of the KelNet lock and its intuitive display make using it significantly more straightforward. Messages displayed are clear and include icons, reducing the amount of training needed and making it easier to get started with it.
A KelNet lock can manage up to 99 users. Users can be quickly added or removed – particularly useful in companies with staff high turnover. Schedules can be created and modified directly on the terminal. This flexibility is mainly useful when days off, teams and variable working hours need to be taken into account, particularly in shops and in the retail sector.
Entering random codes is made significantly easier by the virtual keypad.
It includes a feature for specifying time periods during which the lock may not be used – when a shop or office is unoccupied, for example. Users can also be customised and managed via the lock's terminal, as well as using a special application. Whichever method is used, minimum intervention is required. A stand-alone KelNet lock can be operated completely independently of any network. All events are logged and can be consulted via the terminal or remotely. Events can also be loaded onto a USB key.

Network operation: KelNet, the first "distributed systems" EN 1300 certified high-security lock

Up to 16 secure units can be connected together as part of a local network and then controlled via a maximum of four terminals.
The IP-Box gateway authorises connection to an Ethernet network, so the system can be managed remotely. For obvious security reasons, remote opening is never authorised.

Security of operations and communications

User codes are encrypted and stored in the secure units inside the safe.
The European EN 1300:2013 standard imposes extremely strict requirements regarding data security and communication encryption. KelNet is the first high-security lock to have been awarded the certification for grades B, C and D by the CNPP and the ECB•S.
Indeed, all of the hardware and software making up the system is authenticated, and communications are encrypted. In the event of any component being falsified, all the encryption keys are wiped from the devices' memory.
These algorithms, developed in compliance with common encryption practices, provide the system with the highest level of protection.

Typical users

- Shops (luxury goods, jewellers, etc.) and the retail sector
- Offices, service staff
- Banks and financial institutions
  Cash centres and CIT companies
- Government agencies and defence departments

- *Up to 16 secure units controlled via 4 terminals*
- *Encrypted data communication*
- *Device authentication*
- *EN 1300:2013 "distributed systems" certification*
- *Grades B, C and D*

- *User-friendly operation*
- *Up to 99 users*
- *Logging of up to 9000 events*
- *Delayed opening*
- *Schedule management*
- *Annual calendar with special opening and closing periods*

→ Customize the access to your values

Integration with alarm systems

By adding input/output boxes (IO-Box), external information from sensors can be managed so as to affect the way the KelNet lock operates (blocking, cancellation of current delay, authorisation to open, etc.). There is also an integrated programming tool for creating bespoke features and functions.
Each secure unit also has inputs/outputs that can be freely allocated (for example:
duress alarm code, door open too long, incorrect codes, etc.).

Remote management: ease-of-use and time saving

The powerful KelNet lock management software provides security managers with better control of all the locks under their responsibility, irrespective of the site.
User rights and lock settings can be configured remotely, as can access to the audit logs for each lock on the network. Once a configuration has been applied to a lock, it can easily be transposed to others, meaning significant time savings.
Furthermore, security managers can check the status of locks in real time. It is also possible to generate reports detailing the operations carried out on each lock, compiling a list of all events.

Optimised cash handling and lower costs

As well as managing access by fixed codes, the KelNet lock can also be used with One-Time Codes (OTCs), the ideal solution for cash-in-transit companies and service personnel.
One-Time Codes ensure increased security when external users, such as CIT or ATM maintenance companies are accessing certain sites. These codes also make it easier to open safes when they need to be opened urgently or unexpectedly.
One-time codes provide authorised people with access to the system from any connected terminal via the web interface. This interface is used to create one-time codes and manage locks remotely. It can also be used to schedule and manage the itineraries of CIT and service companies.
This way, KelNet locks help secure cash-handling procedures
and reduce the cost of ATM service or maintenance operations.

CHARACTERISTICS

- Programmable inputs/outputs
- Functions which can be customised with logic controllers
- Management and simple and centralised overview of all locks
- Centralised event archiving
  Creation of One-Time Codes (OTCs)
- Scheduling of CIT companies' itineraries
- Operation which combines fixed codes and one-time codes

In brief…

Simplicity and clarity

A wide and intuitive screen with icons that can be understood at a glance, so that any user can start using the lock quickly and effectively.
The terminal also features a digital keypad and backlit screen

Reliable technology

The secure unit's standard dimensions make it easy to install. The version which incorporates a redundant secure unit provides the system with increased reliability: the card, motor and communications bus are all duplicated.

Extreme versatility

The KelNet lock will keep pace with your needs. A stand-alone lock can easily be incorporated into the security system or be added to a network of KelNet locks. Control can therefore be extended and centralised by remote management.

Biometric processes

The standard level of security can be increased by using a terminal with an integrated fingerprint reader (the fingerprint credentials of up to 25 users can be stored for each terminal).

Effective data access

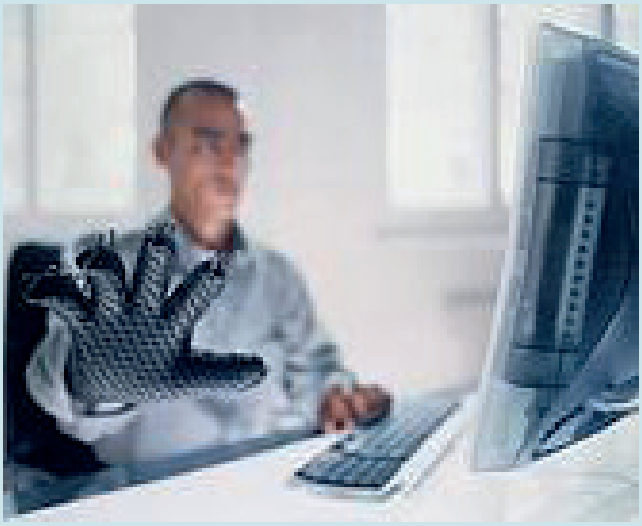
The lock features a USB interface which can be used to download audit logs, as well as uploading any configuration changes. Data and configurations can also be viewed remotely via a gateway (IPBox).

Managing One-Time Codes (OTCs)

KelNet has a feature for managing the sharing of one-time codes and their accesses via mobile technologies.

Certified security

The KelNet lock has been tested and approved by the independent bodies ECB•S, VdS and A2P in order to guarantee a high level of security.
ECB•S and A2P: Grades B, C and D VdS: Classes II, III and IV



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