KABA®

Questor

Interactive Code System for safes

Trust is good,
certainty is better

In ancient times, protected areas were secured with much effort. Fortunately, times are changing.

With Questor, costly and time-consuming key and code management has become a thing of the past.

No longer does the security of your valuables depend upon the reliability and trustworthiness of people involved in the process of code or key handling. Whenever several people need to have access to the same safe or protected area, Questor is the perfect answer.

For applications such as armoured cars, CIT (cash-in-transit) applications, ATMs (automated teller machines), police, security services and armed forces.

For all needs,
fits all sizes

You own a business

So you know best, what a security concept for your business should look like. We simply provide you with the right product.

You need certainty

With Questor you have certainty that an authorized person is actually on-site, in front of the lock. At any time, information is given whether or not there is a duress situation. You have complete control on when and by whom the lock shall be opened.

You are a service contractor

You work harder, better, more efficient than others? Simply integrate your new clients Questor locks into your system. Ensuring that your client has a smooth transition from your competitors system.

You are eager to optimise

Thinking of lean, automated processes? Questors Interactive Code System (ICS) allows simple integration into systems that use latest communication and data transfer technologies.

You don't want sleepless nights

Do you have sleepless nights when thinking of access and code handling procedures? Just leave it up to Questor. You remain in full control and stay updated with latest status information on-site. No wire connection necessary.

Motorised one-time-combination lock

Motorised OTC lock

The lock body dimensions as well as the footprint comply with the industry standard for safe locks. Programmable inputs and outputs are incorporated within the lock, this allows connection to various external devices such as, an alarm panel or door monitor. The lock bolt is designed as a spring-loaded dead bolt, and may be converted into a spring bolt by a simply removing a screw.
The lock offers automatic locking, which can also be made dependant on a door contact.

Input unit

The input unit features a large, easy-read liquid crystal display (LCD) and provides intuitive, self-explanatory operations in various selectable display languages. Lock configuration is very simple by using the keypad or the Windows®-based Programming Software.
The input unit is made of rugged metal shaped in an elegant design, and is available in two colours.

Approvals*
a2p Class 2
VdS Class 2
ECB•S EN 1300 Class B
UL Type 1
Additional approvals planned.

* Approvals may be depending on the lock model and configuration, or may be in preparation.

ICS – Interactive Code System

The Interactive Code System (ICS) provides flexibility and enhanced security simultaneously. The virtual connection between lock and control centre allows you to keep track of all events, regardless as to whether they have occurred at the control centre or at the lock.

ICS

Interactive Code System (ICS)

If real time and secure remote control of lock openings without electrical connection is important, the simple but clever principle of interactive code creation is the most sophisticated solution.

To get access to a secured area or container, the user must interact with a second party either by contacting a dispatcher in a call centre or by exchanging data with an automated system. Data may be transmitted by a real person on the phone, by a computer voice, SMS, e-mail or any other state-of-the-art communication.

The interaction starts by the user who identifies himself with a personal code at the lock. With ICS operation, the lock will then return a six digit code, which must be transferred to the second party whom may be located anywhere.
Now, a code which is valid for one opening and for a short time only, is generated by the second party and transmitted to the user at the lock.
Additional information may be added to the code, defining the time delay.
To assure that the compartment and the lock have been closed and secured again, a close seal must be returned to the second party. This seal contains additional information such as lock status, battery level, etc.

Advantages

ICS verifies whether an authorised person really is on-site, in front of the lock.

ICS provides a virtual connection between the lock and a second party that generates one time valid opening codes (OTC).

No keys and no other hardware are required for identification.

Two parties must be involved to open a lock, whereby one party may be at a remote, even secret location.

Users are not required to be preregistered; new users can be authorised remotely if required.

The integration of new locks into the system is simple.

Detailed status information is transferred to the supervising party with every code transfer.

Users can trigger a duress message while demanding access to the secured area. The second party can thereby take appropriate measures and respond with, for example, delay times according to the security procedures in use.

For additional security, the system integrates a non return time delay, enforcing a waiting time in between two openings.

From stand-alone...

The Interactive Code System (ICS)
is a unique feature of Questor.
Starting from the smallest solution
with only one lock, the system is
expandable to manage thousands of
locks - without any electrical connec-
tion. Dedicated applications and an
external interface provide the perfect
solution for any system size.

...to full system integration

Lock activation

For easy installation, the locks are delivered in factory mode, operating like a normal electronic combination lock. Activation of the ICS mode is fast and simple. It can be done prior to installation or at any time later - whatever you prefer!

ICS management

Simple to use and providing the full range of functions, the Windows® -based Management Software may be used to manage a considerable number of locks and users.

System integration

The APHI device allows full integration of Questor into   customer software.

Stand-alone system

The simple to use software for stand-alone operation is designed to administrate up to one hundred locks. Installed on a Windows® work station, the software allows dispatch of opening codes maximising the use of Questor.

Management Software

With the Management Software, an almost unlimited number of dispatchers can access the lock database at the same time, allowing a larger number of openings during a short period of time. The Management Software is able to manage up to several thousand locks on the same system.

As with the stand-alone solution, access to the software is restricted by a hardware key and a user password.

System integration

With large systems, deploying hundreds or thousands of locks and a large number of users and operators, lock management is only a small part of the entire security concept. In most cases, this complex system is supported by integrated and customer specific software solutions.

Questor therefore offers a special interface device APHI, which allows fast and easy integration into existing customer software.

The APHI communicates with the customer software as an external device over a serial or TCP/IP connection and integrates all relevant operational tasks.

All these Questor solutions are fully compatible with one another. Upgrades are possible at any time. For instance, the stand-alone solution could be prepared to backup the customer software in case of a failure.