

5. Key- and value store safe systems

Reviewer

5.1 The KeySafe® key management system

The **KeySafe System** is an intelligent key collector / cabinet system to storage, manages and automated collector the keys of buildings, cars. The member of the system is the key cabinet, key collector and storage management software which is connected to the ProxerNet building automation network and able to work with other systems.

The system includes the following equipment:

KeyBox Smart: Simple key cabinet. The Door can be opened with RFID identifier only by who has the authority to take away or return any key. The cabinet does not identify either the key or the key slot – this is the honesty of the person to show the key to the terminal and return it to the right place.

KeySafe Premier: The cabinet perceives and records if someone take away or return a key. The cabinet does not identify either the key or the key slot – this is the honesty of the person to show the key to the terminal and return it to the right place.

KeySafe Smart: The cabinet identifies the person, the key and the key slot. Each key is permanently attached to a specific RFID key seal. Each key slot has a RFID reader and records when a key is taken and returned, and by whom. The keys are not locked. The structure and the appearance of the cabinet is the same as by KeySafe Lock cabinet.

KeySafe Lock: the “most powerful” key cabinet: in addition to the services of the Smart cabinet, the KeySafe Lock locks electro mechanic each key individually in the slots and does not allow taking any key, just those, which the person entitled for. The system automatically verifies that the person entitled for a key, he take the right key away or returned and checks that he returned it to the correct key slot. The system can send an alarm if someone takes a key that has no right for or returned another key, or returned it to the incorrect slot.

The KeySafe Lock cabinets are able to integrate into a high security building management system.



[KeySafe Lock Brochure](#)
[KeySafe Lock Technical Documentation 2014 English](#)
[KeySafe Varieties](#)

5.2 The ProxerBox key collector

Also the ProxerBox key collector belongs to the KeySafe system.

They are used, when a person wan to leave for, he can put the key in the collector.

At the exit put the key to the special RFID reader, the collector identifies the key and takes it automatic away.

An assigned person from time to time takes the keys and returns them to the key cabinets.

The KeySafe Management Software registered which key in which cabinet / collector is.

The software knows who has which key.

The ProxerBox system can give a signal to open the door, so it is available that the door will not let the person going so long as he his keys do not returned.

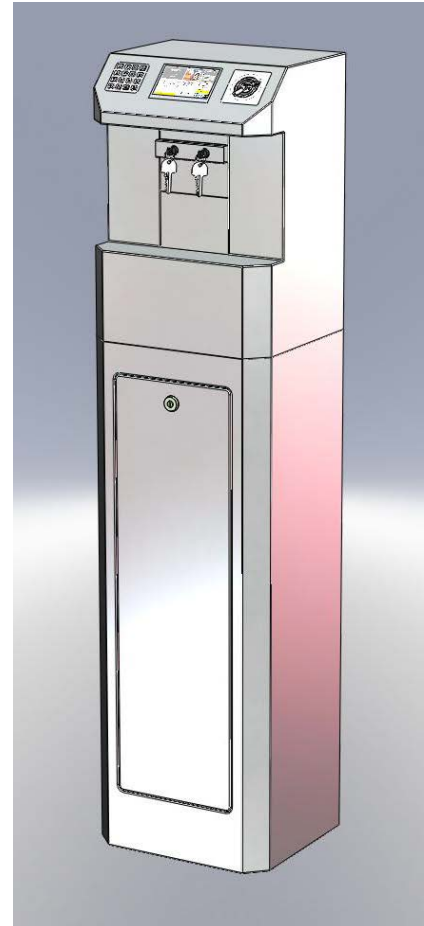
5.3 KeySafe Management Software

In one KeySafe system can be more key cabinet, key collector integrated. They are managed by one KeySafe manager program with SQL database and HWServer program. The program manages the key rights and the event log. The Real Time knows when a key taken or returned is, when have to be returned and by whom. Knows exactly from the records of movements:

1. Who and which key has removed?
2. Which key where is now?
3. Which keys are in the cabinets?
4. Which keys are in the KeyBox collector?

Test of the exit's rights.

- If the person took a key, he has to return it before he goes. The ProxerBox collector made for this. The collector stands mostly by the door and collects the keys. It records who, when and which key put in. This three data will be immediately sent by the collector to the Host and the Host answers straight that the person can go or not. In case of a negative response the Host "knows", that the key still stay by the person, he had not removed it to the key cabinet / key collector. The Host send the name of the keys to the ProxerBox and the person see on the display why can not exit. In case of positive response the door will be opened.



5.4 AutoSafe[®] System: managed value-store safe

The AutoSafe is used, when we need store not only keys, but other things, like documents, value, etc. The AutoSafe has 10-400 separated box, that can be only by RFID card or Smartphone opened and locked.

It can be determined, that by whom, which safe can be opened. The event log records the time of opening and locking.

The safes are made from shock resistant polycarbonate, security glass or steel doors with anodized aluminium front profiles, static powder coated, RAL7035 light grey, in standing or wall-mounted design.

The online safes are being able to the network connected. The offline version besides that has an industrial PC with touch screen display.

More KeySafe can connecting to one network and can be managed, monitored by the AutoSafe program. The AutoSafe management software can be connected with the other members of ProxerNet (access-, time-attendance system, etc.) The AutoSafe cabinets are in custom size also available.



[AutoSafe Brochure](#)

