



Intelligent key and value storage cabinets and systems

INTEGRATED INTO BUILDING MGMT SYSTEM





Intelligent key- and value storage system – supervised, authorized and online traceable

Importance and application of safe and monitored key and value management by

- banks, monetary institutions
- Government Organizations
- real estate companies
- office buildings
- public service organizations
- universities, schools
- car rental companies
- companies with large fleet of vehicles
- hospitals, healthcare centres
- hotels, conference centres
- security companies
- police, army



Main tasks of the intelligent key and value storage system

- Keeping keys, devices, tools, instruments or documents safe, and **manage** them in a **supervised, authorized** and **online traceable** way
- **Preventing human err:** easing the job of gatekeeper and security staff
- **Remotely manageable system for long term use,** investing into the future



- Scalable from local usage to national and global systems
- **Queries, logs can be requested** via e.g. Ethernet or Wi-Fi
- **Integration:** ProxerSafe system can be integrated with management, logistics, access control and alarm systems
- **Modular, scalable, expandable**

Opening by authorized person only

PIN



RFID proximity / smart card



Biometric solutions



Smart phone
NFC
Bluetooth



Built-in Procontrol Proxer7 reader
33 RFID standards
125kHz, 13,56 Mhz, NFC, Bluetooth



Vandal-proof
keyring

RFID key holder plug

Shock-proof POM material,
highly resistant

Never lose the sight of your keys!

- Key identification with **RFID transponder** built-in the key holder plugs
- Vandal-proof **crimpable keyring** ensures that the key and transponder are kept together
- It can be set **who** and **when** can take **which key from which cabinet**
- **Rights** can be granted and revoked **by keys/ boxes**, even remotely
- Keys are bolted with **electromechanical locks**: only authorized key can be taken.
- Making sure that the proper key is brought back and placed to the proper spot.



ProxerSafe GUI

the touch screen software

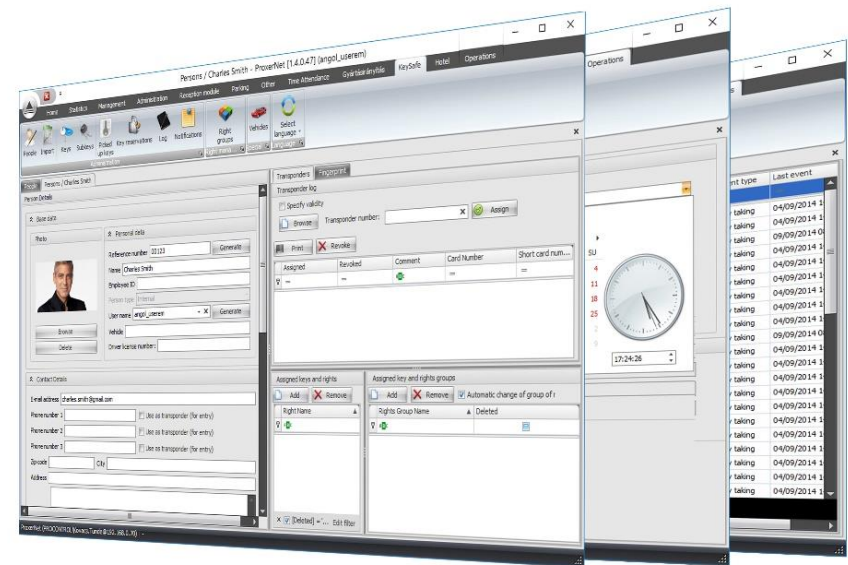
Services of the built-in industrial computer' software (GUI):

- **Stand-alone operation**
- **Where is my key? function**
(Where is the key of the meeting room?
In which cabinet on which position?
Who has taken the key? Who has reserved
the key?)
- **Odometer data** required at vehicle keys if
set so

With admin rights:

- Adding, removing **users and key rights**
via the touchscreen
- **Logs**, bookings can be queried via the
screen

NEW! Web version



ProxerNet[®]
for Windows

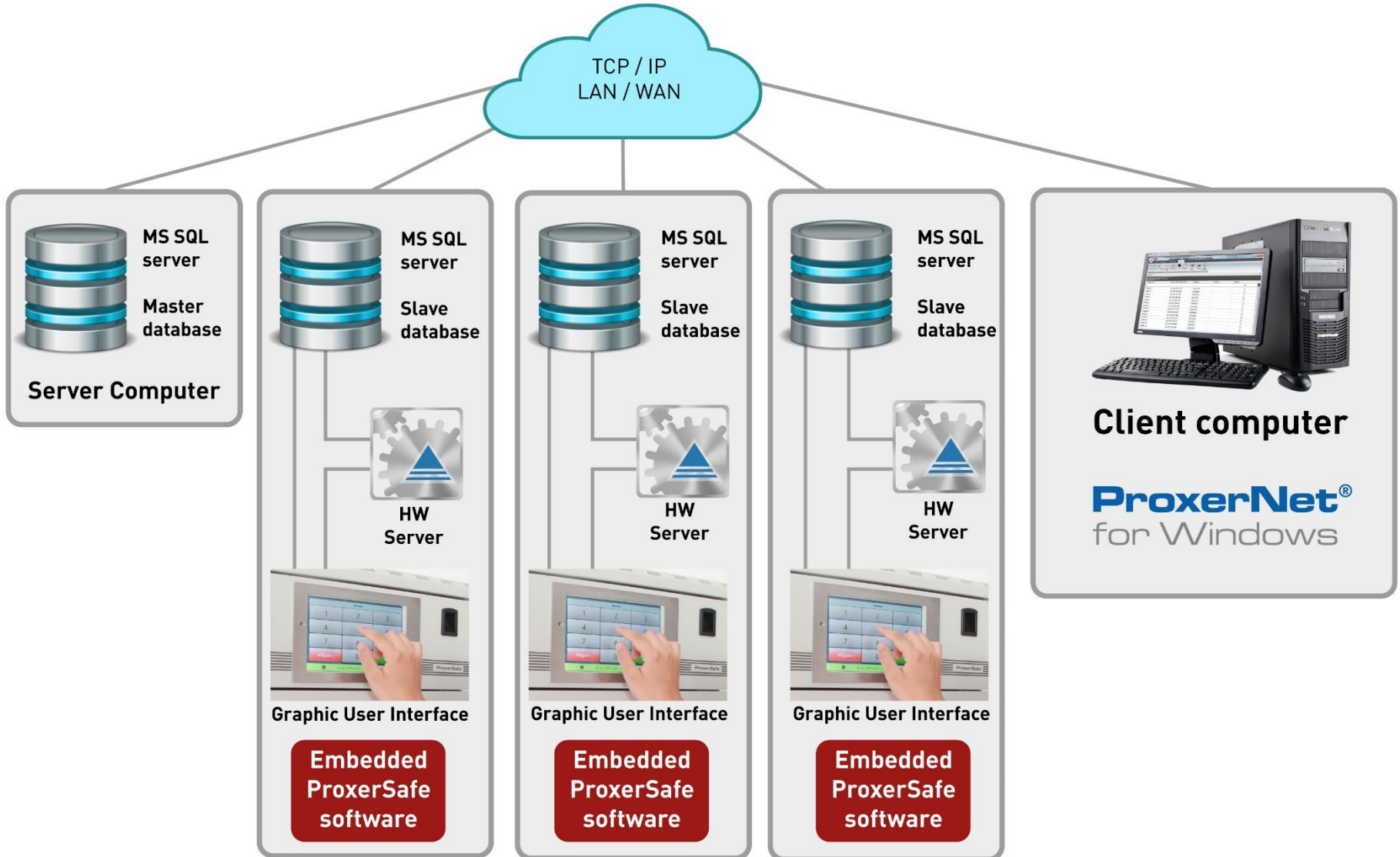
KeySafe module

- **Management software: ProxerNet software KeySafe module**, which can cooperate with other modules (e.g. access control, worktime).
- **Logs**
- **Access rights even for a period of time**
- **Booking reservations**
- **Notification at service period at vehicles**
- **Alerts and notifications** (in email, optionally texting SMS) e.g. key not returned in time

Stand-alone operation with local and central synchronized databases

Cabinets work in stand alone mode, but get synchronized with the central database.

In case the connection gets lost with a certain cabinet, the cabinet remains functional with its own database. As the connection is restored, the databases are synchronized again automatically.

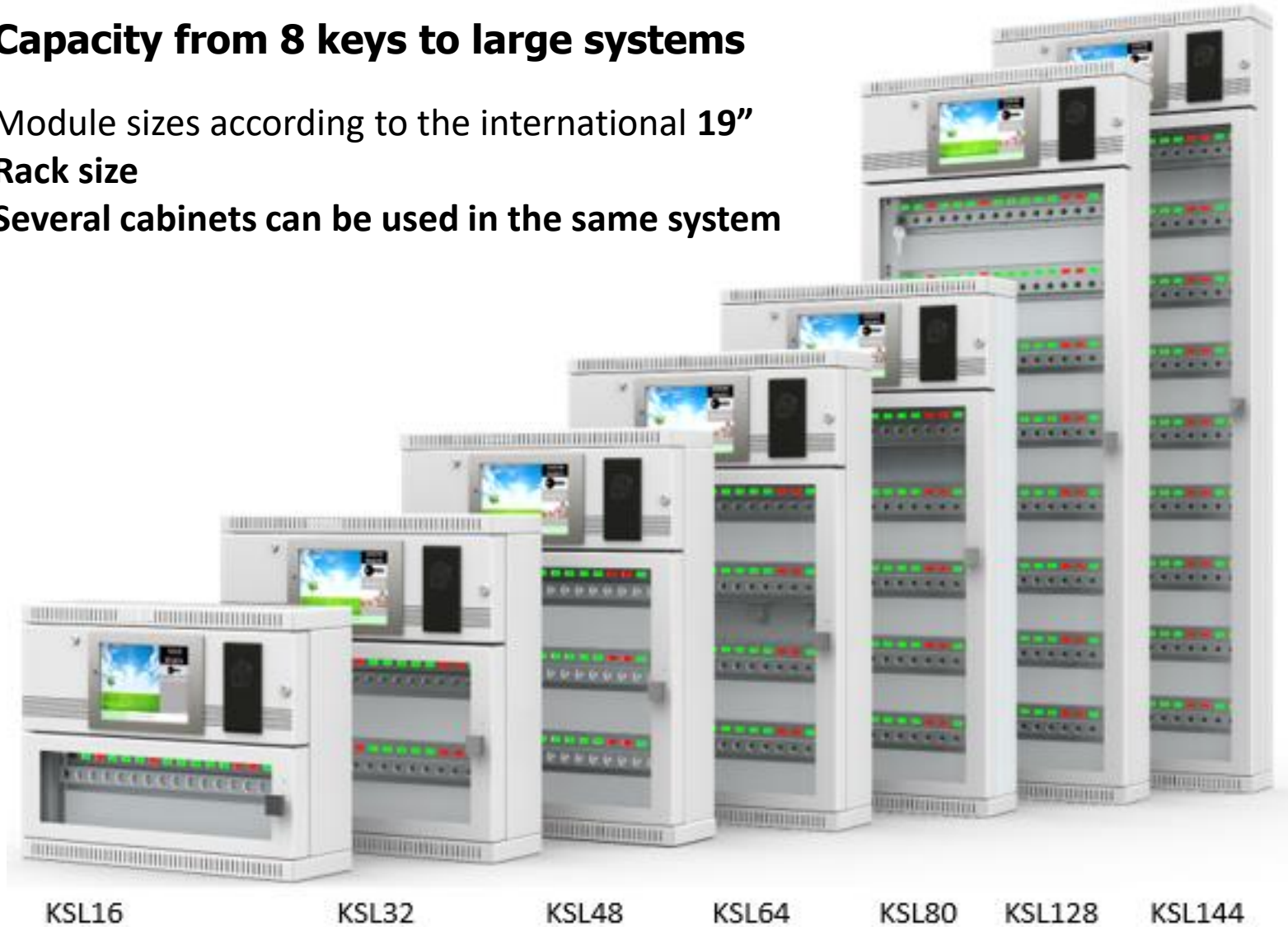


Capacity from 8 keys to large systems

Module sizes according to the international 19”

Rack size

Several cabinets can be used in the same system



KSL16

KSL32

KSL48

KSL64

KSL80

KSL128

KSL144

OPTIONS

Key positions and variety of boxes can be combined as per Client's needs.



Custom built cabinets

For keeping keys, devices, tools, documents, key boxes, mobile devices safe, and manage them in a strictly authorized, monitored way, either in office or in industrial environment.

KeySafe Lock: cabinets with key holder plugs

ProxerSafe Box: value storage with boxes

ProxerSafe Combo: key holder plugs AND boxes in the same cabinet



Reader-in-the-box

Supervised, monitored key access in the box, with RFID identification.

Key position in the back of the box with RFID proximity reader to identify the key holder plugs.



Charging

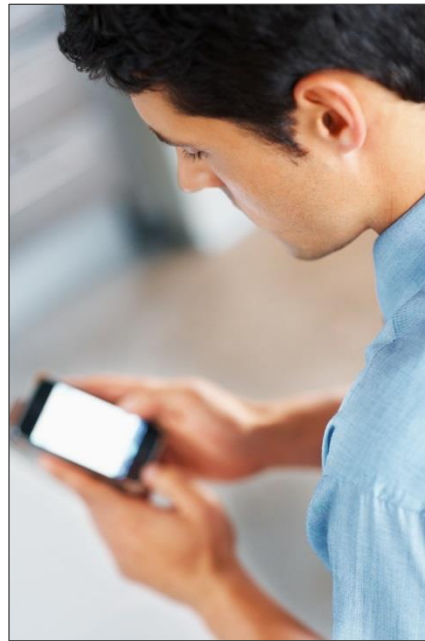
USB chargers and/ or
230V socket can be
integrated

With feedback on
charge level



Notification in texts or email on

- Keeping key beyond the time limit
- Violent opening attempt
- Alarm occasions



John Doe has not returned key BMW-172 in time

Breathalyzer

Test before authorizing taking a car key



Indoor or external design

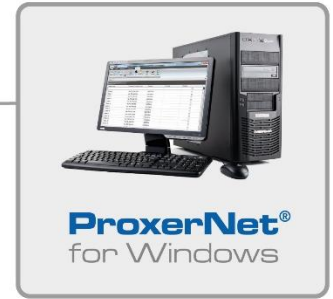
- **Indoor design:** robust steel housing, powder coated stainless steel cabinet
- **Optional metal door** instead of the safety glass, or even without external door
- **External design:** brushed stainless steel cabinet with IP65 protection or higher



KeySafe Security

Fireproof, qualified safe cabinets can be requested as well





INTEGRATION

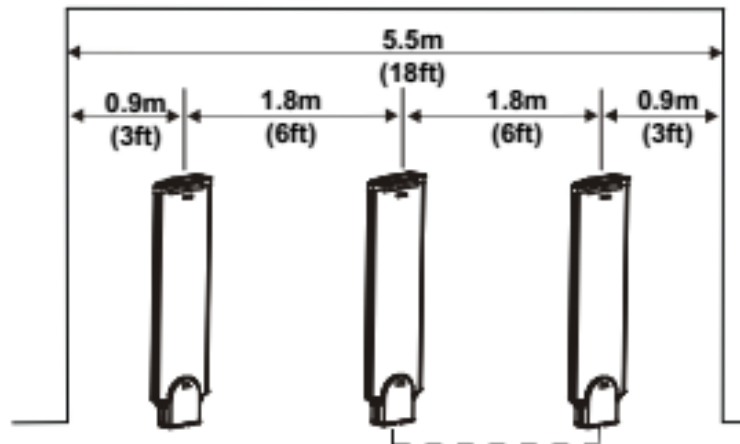
Integration into access control systems: Authorized to leave only after taking back the keys

ProxerNet[®]
for Windows



Integration into EAS:

Alarm if the key remained in the pocket or bag



Integration into fire alarm system:

In „FIRE“ or ER mode all keys can be taken. Immediate notification is sent on the event.



Integration into video surveillance systems: Taking indexed pic on every key removal

ProxerNet[®]
for Windows





Further alarm inputs and outputs, integration

- Ethernet LAN RJ45 connector
- RJ45 connector - RS485 communication
- ALARM panel: Alarm input, output

Sabotage protection

Local and/ or silent alarm on the IT network in case of vandalism, violent opening attempt, etc.

Power outage

The KeySafe cabinets have uninterrupted power supply built in. In case of power outage the cabinet switches to „power outage” mode and remains accessible for several hours.

Beléptető kapuk, forgóvillák, elnyelők



Beléptető és munkaidő-nyilvántartó rendszerek



RFID
Proximity

Ujjlenyomat
olvasó

Jelenléti ív készítés
mozgásminősítéssel

Intelligens kulcs- és értéktároló széfrendszerek



PROCONTROL
ELECTRONICS

ProxerNet®

az intelligens épület rendszere
Moduláris épületfelügyeleti rendszer és szoftver
www.procontrol.hu

IP alapú épületfelügyeleti monitorozó és beavatkozó HVAC rendszerek



IPThermo
(hő, pára, légnyomás mérés,
klímafelügyelet és
beavatkozás)



IPStecker
(netről kapcsolható dugaljzat)

Gyártásfelügyeleti és ipari célrendszerek



Gyártásfelügyeleti
rendszer

GPS ClockNet központi órahálózat



Óra, stopper, visszaszámláló, szünetjelző

Hozzáférés-, használat-engedélyező terminálok



Kártyás, ujjlenyomatot engedélyező
fénymásolókhöz, nagytértű gépekhez
ProxerStecker
(használat-engedélyező dugaljzathoz)

Készpénz nélküli rendszerek, fürdő és múzeumbeléptető

Recepciók, pénztárak,
éttermek, fizetőhelyek,
vásárlás RFID karkötővel
étel- és
italautomatákból



RFID szekrényzárak



Intelligens IP és RF hangszórók

IPSpeaker
(intelligens hangszóró
élelőhang továbbításra)



IPGong,
RFGong (szünetjelzésre)

Ipari kijelzők, számlálók

Gyártósori,
darabszámláló,
hőmérséklet
kijelzők



Rádiós tűzjelző Behatolásjelző rendszer



Videó megfigyelő rendszer



IP kamerák

Fizető automaták, kapuk



Rendszámfelismerés



Fizető-parkoló rendszerek



RTLS rendszerek (valós idejű helymeghatározás)



Nyomkövetés, személy és objektumkövetés
épületen belül és kívül
Flottakövetés, Lopásvédelem

Segélyhívó, nővérhívó



Vezeték nélküli nővérhívó
Segélyhívó karkötő
Munkavédelmi segélyhívó

Clienter ügyfélirányító, kamionhívó rendszer, információs jegykiadó



VoIP telefon és kaputelefon rendszer





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