ProxerSafe®

Intelligent key and value storage cabinets and systems

INTEGRATED INTO BUILDING MGMT SYSTEM

PROCONTROL® ELECTRONICS

Procontrol Electronics Ltd.

- Competing on the **R&D** field since 1981, especially at embedded systems, micro-electronics, industrial and health care target systems

- **Key lines:** Access control, time attendance systems, paying entries, parking systems, **key and value storage systems**, measuring instruments, building management, industrial displays and more

- Distinct levels of integration with other systems; from **complete software solutions**, to API and handing over PCS protocol

- **Quality management**: ISO 9001:2008 certification; Association of Hungarian Insurance Companies (MABISZ) Product Conformity

- **Official trademarks**

- **Wide range of references**

- **Contracted manufacturers**

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

Importance and application of safe and monitored key and value management

- 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

KeySafe®

ProxerSafe®

- 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 gatekeepers 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
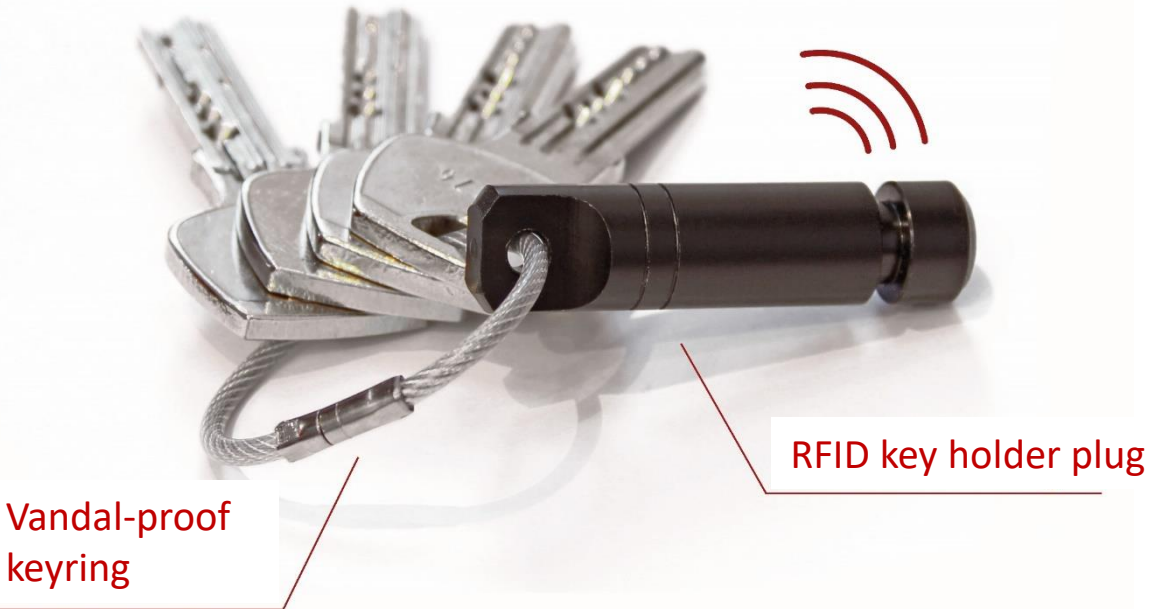
PIN

RFID proximity / smart card

Biometric solutions

Smart phone
NFC
Bluetooth

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

RFID key holder plug

Vandal-proof keyring

Vandal-proof padlock

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

Highly durable key fobs
– up-to-date technology

Shock-proof POM material, highly resistant

- **Contactless RFID technology**, contamination does not hinder identification

- **Strong POM material**, good mechanical strength, very good dimensional stability, high rigidity. Excellent wear resistance.

- Keys are bolted with **electromechanical locks**

- Avoiding physical contractors means **more stable operation** (e.g. less energy consumption, UPS can backup system for longer time)
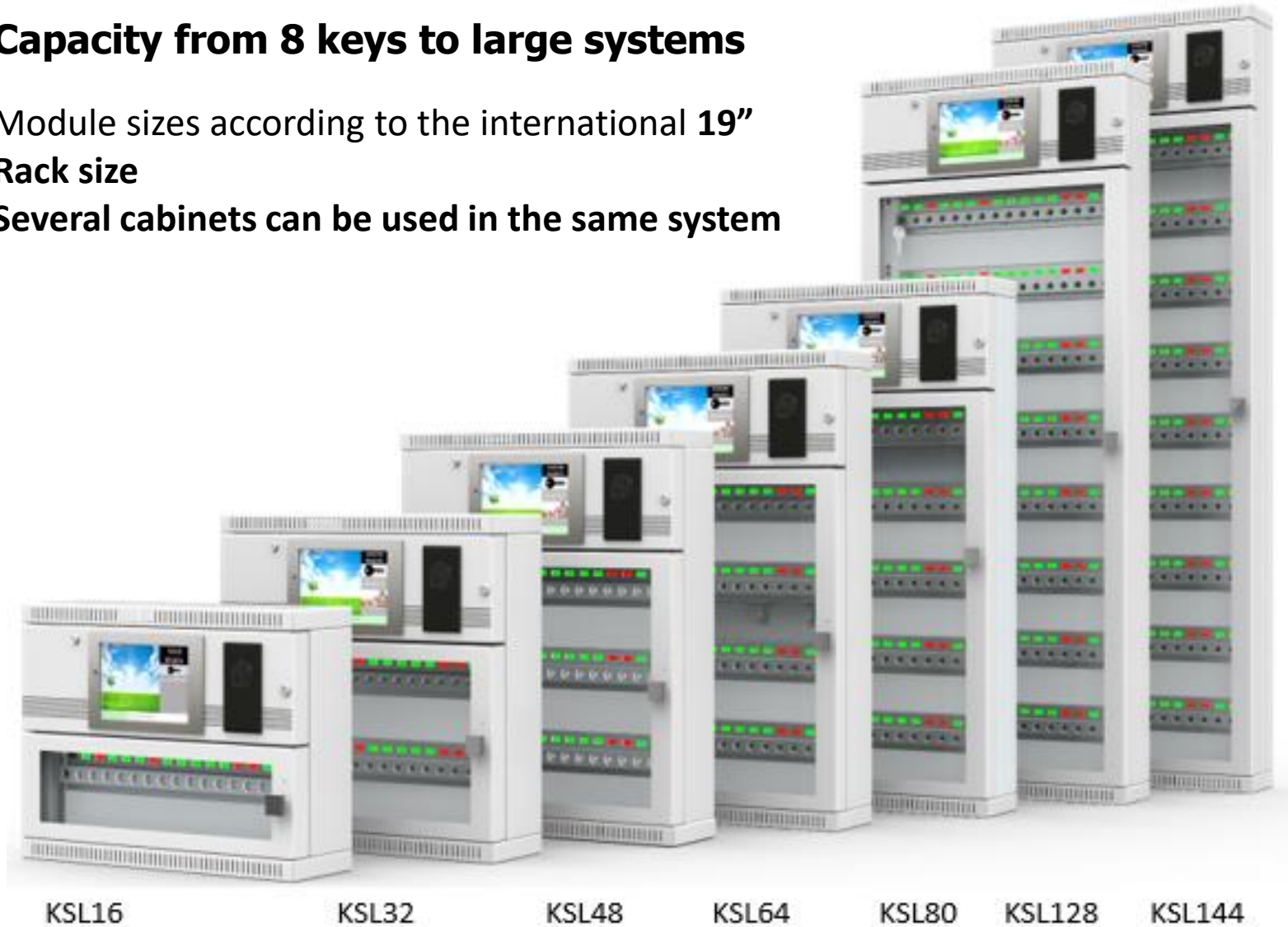
Capacity from 8 keys to large systems

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

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: intelligent cabinets with key holder plugs
ProxerSafe Box: value storage cabinets with boxes
ProxerSafe Combo: key holder plugs AND boxes in the same cabinet

Supervised management

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

ProxerSafe GUI
the touch screen software

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

• **Stand-alone** operation – cabinets keep on operating even at network outage

• **Where is my key? function**
(Where is the key of the meeting room?
In which cabinet on which position?
Who has taken/ 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
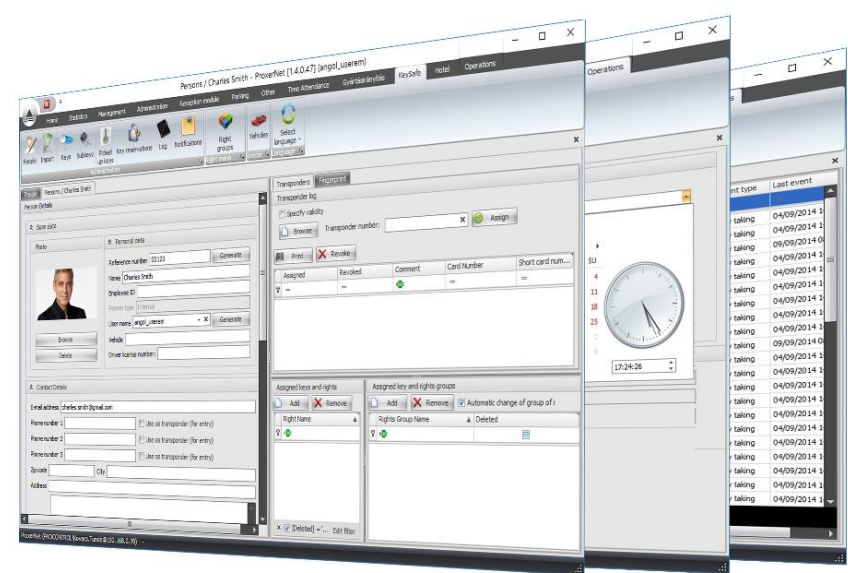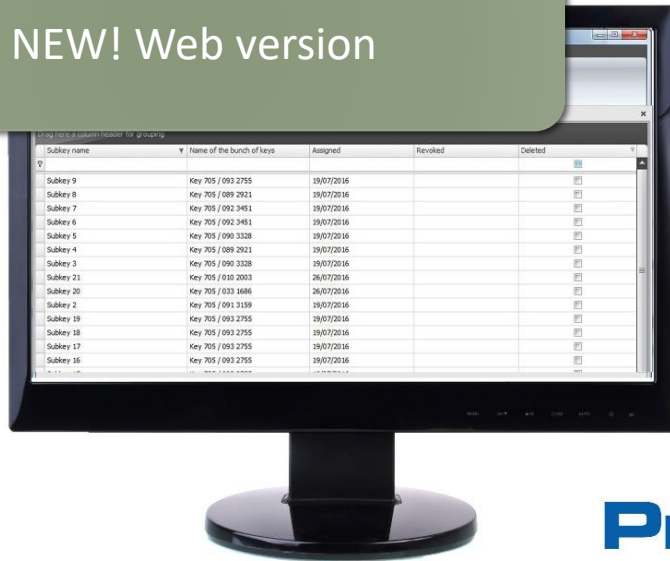
ProxerNet®
for Windows

KeySafe module

- **ProxerNet software KeySafe module**: management software, desktop app

- **ProxerSafe Web Access**: web-browser user interface

- **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

Key data

Name	Tran...	Key native place (keysafe / number)	Current place (keysafe / number)
Key 705 / 01 1066	1066	KeySafeBio96 (reader) / 1	KeySafeBio96 (reader) / 68
Citroen	1476	KeySafeBio96 (reader) / 2	KeySafeBio96 (reader) / 58
Toyota	2185	KeySafeBio96 (reader) / 3	KeySafeBio96 (reader) / 63
Key 705 / 04 2168	2168	KeySafeBio96 (reader) / 4	KeySafeBio96 (reader) / 79
Key 705 / 05 2051	2051	KeySafeBio96 (reader) / 5	KeySafi

Vehicles

Name	Model	Color	License plate number	Chassis number	Engine number
Citroen	Berlingo	Blue	BER-856	478961235563	23
Fiat	Uno	Red	MKO-789	98454431131152	11
Opel	Astra	Black	KLO-632	6235446843331	16
Opel	Zafira	White	PLO-326	326154987456445...	16
		Silver	KHG-523	632456131354454	45
Yellow			POL-142	369745454354451	36

Event history

Filter by Event date

From: 2020-01-20 10:13:29   Query
To: 2020-01-27 15:34:05   Row/page: 10

Filter by Event da | Filter by Event description | Filter by Devic | Filter by Person nam | Filter by Identificat | Filter by Key nam | Filter by Place (cabinet

Event date	Event description	Device	Person name	Identification	Key name	Place (cabinet / slot
2020.01.27. 15:24:39	(555) Web interface login	KeySafe (reader)		PIN		
2020.01.27. 15:13:53	(511) door lock locked up	Locker	Nagy Sándor	PIN		
2020.01.27. 15:13:51	(540) pick up key	KeyModule 09-16	Nagy Sándor	PIN	Key 705 / 016 12033	KeySafe (reader) / 0
2020.01.27. 15:13:50	(542) return key	KeyModule 09-16	Nagy Sándor	PIN	Key 705 / 015 14719	KeySafe (reader) / 0
2020.01.27. 15:13:49	(540) pick up key	KeyModule 09-16	Nagy Sándor	PIN	Key 705 / 015 14719	KeySafe (reader) / 0
2020.01.27. 15:13:41	(512) door lock opened	Locker	Nagy Sándor	PIN		
2020.01.27. 15:13:40	(502) valid PIN code	KeySafe (reader)	Nagy Sándor	PIN		
2020.01.27. 15:13:08	(511) door lock locked up	Locker	Gipsz Jakab	PIN		
2020.01.27. 15:13:06	(540) pick up key	KeyModule 09-16	Gipsz Jakab	PIN	Key 705 / 013 11268	KeySafe (reader) / 0
2020.01.27. 15:13:01	(540) pick up key	KeyModule 09-16	Gipsz Jakab	PIN	Key 705 / 014 14642	KeySafe (reader) / 0
2020.01.27. 15:12:59	(512) door lock opened	Locker	Gipsz Jakab	PIN		
2020.01.27. 15:12:58	(502) valid PIN code	KeySafe (reader)	Gipsz Jakab	PIN		
2020.01.27. 15:12:58	(558) Alcohol test failed: cancelled	KeySafe (reader)	Gipsz Jakab	PIN		
2020.01.27. 15:12:51	(511) door lock locked up	Locker		PIN		
2020.01.27. 15:12:48	(540) pick up key	KeyModule 01-08	Kovács Linda	PIN	Key 705 / 005 14998	KeySafe (reader) / 0
2020.01.27. 15:12:45	(542) return key	KeyModule 01-08	Kovács Linda	PIN	Key 705 / 007 14032	KeySafe (reader) / 0
2020.01.27. 15:12:41	(540) pick up key	KeyModule 01-08	Kovács Linda	PIN	Key 705 / 007 14032	KeySafe (reader) / 0
2020.01.27. 15:12:40	(542) return key	KeyModule 09-16	Kovács Linda	PIN	Key 705 / 009 12597	KeySafe (reader) / 0
2020.01.27. 15:12:38	(540) pick up key	KeyModule 09-16	Kovács Linda	PIN	Key 705 / 009 12597	KeySafe (reader) / 0
2020.01.27. 15:12:34	(512) door lock opened	Locker	Kovács Linda	PIN		
2020.01.27. 15:12:33	(502) valid PIN code	KeySafe (reader)	Kovács Linda	PIN		
2020.01.27. 15:12:20	(511) door lock locked up	Locker		PIN		
2020.01.27. 15:12:16	(542) return key	KeyModule 09-16	Gipsz Jakab	PIN	Key 705 / 016 12033	KeySafe (reader) / 0

PROCONTROL ELECTRONICS

ProxerSafe Web Access

- Auto hide
- Users
- Keys
- Key access rights
- Key reservations
- Event history
- Logout

Keys / Modify

Key name
Key 705 / 007 14032

Assigned transponder
14032

Native cabinet
KeySafe (reader)

Native slot number
7

Key usage time limit (min)
120

Key type
General

Key access rights

Filter by Reference numb | Filter by User n

Reference number	User name
13436	Gipsz Jakab
13438	Kovács Linda
13439	Nagy Sándor
13440	Nap Pali
13437	Teszt Pista

First < 1 > Last

User name
Kovács Linda

Keys
- [ ] Key 705 / 001 14892
- [x] Key 705 / 002 14400
- [ ] Key 705 / 003 14539
- [ ] Key 705 / 004 14382
- [x] Key 705 / 005 14998
- [ ] Key 705 / 006 12921
- [x] Key 705 / 007 14032
- [ ] Key 705 / 008 14626
- [x] Key 705 / 009 12597
- [ ] Key 705 / 010 11113
- [ ] Key 705 / 011 11082
- [ ] Key 705 / 012 12012
- [ ] Key 705 / 013 11268
- [ ] Key 705 / 014 14642
- [ ] Key 705 / 015 14719
- [ ] Key 705 / 016 12033

Select all   Clear all

Save

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.
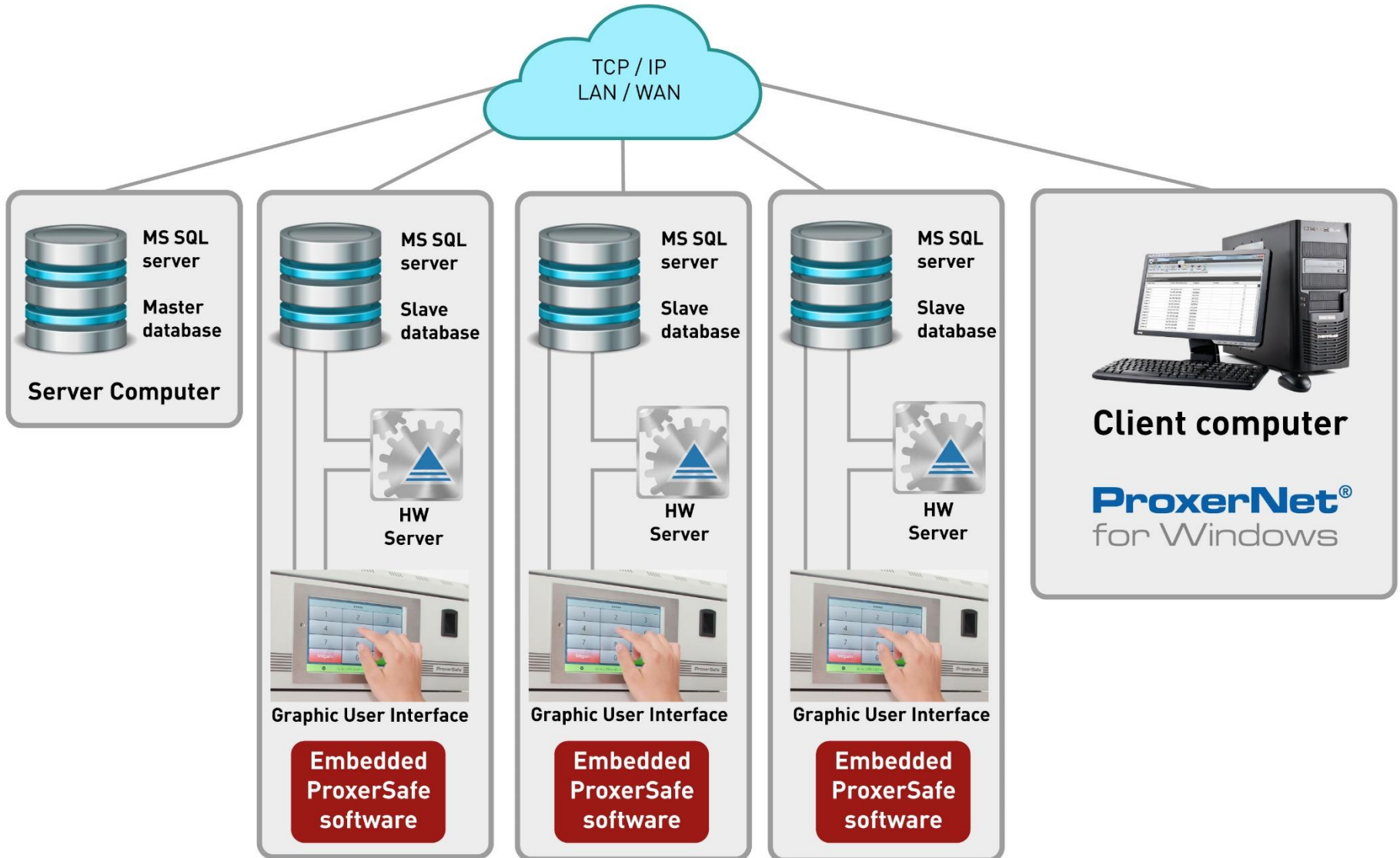
Reader-in-the-box

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.
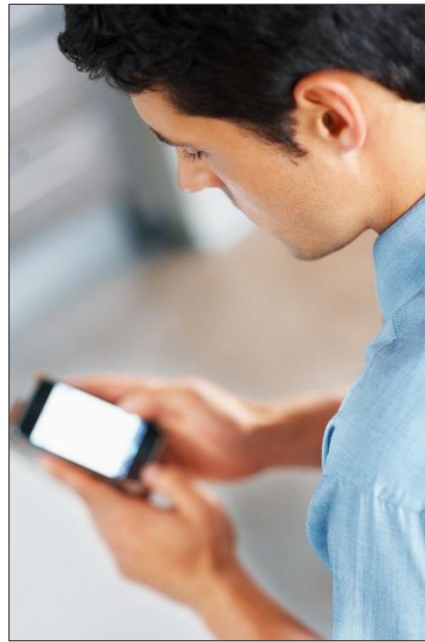
Charging

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 events

Breathalyzer

Test before authorizing taking a car key

John Doe has not returned key BMW-172 in time

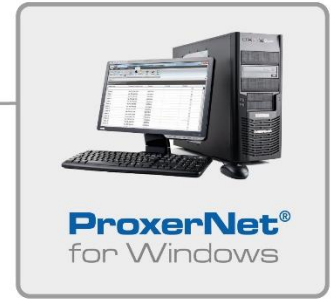# Unique development requirements

Procontrol is the designer, developer and producer of the KeySafe and ProxerSafe products

Procontrol develops KeySafe software module and web interface

Unique client needs can be met and fulfilled

All requirements must be discussed and agreed in details.

TCP / IP
LAN / WAN

ProxerNet®
for Windows

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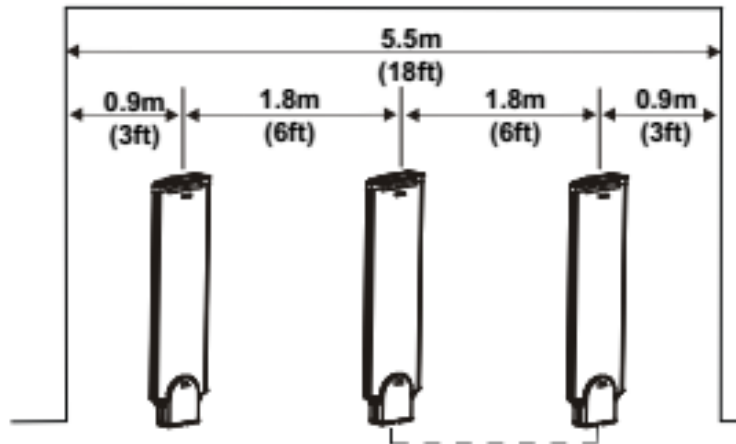
Integration into access control systems
Authorized to leave only after taking back the keys

ProxerNet® for Windows

Integration into EAS
Alarm if the key remained in the pocket or bag

5.5m
(18ft)

| 0.9m (3ft) | 1.8m (6ft) | 1.8m (6ft) | 0.9m (3ft) |

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 via the IT network in case of vandalism, violent opening attempt, etc.

Power outage

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

www.procontrol.hu
info@procontrol.hu