

PROCONTROL[®]

The ProxerSafe family

Intelligent key- and value storage solutions

General system introduction

The ProxerSafe system is a complex, modular, managed key- and value storage system. Its implementation and services are scalable and can be applied in local businesses as well as nationwide or international cooperating systems.

The tasks of the ProxerSafe system is to handle and store keys, tools, instruments, documents in a monitored and authorized way, either in office or industrial environment.

1. If the task is to keep keys safe, then the key cabinet with key holder plugs is the best choice. The keyring plugs can hold smaller objects too, – laced on the keyring – like RF controllers, remote controls.
2. If tools, documents, mobile devices, valuables are to be kept safe, then the storage boxes with separate doors mean a good solution. There are storage boxes with larger box size for keeping larger objects.
3. Key holder modules and boxes can be combined even in one cabinet.

All types can be opened with RFID proximity card and/ or PIN code; optionally biometrical identification can be chosen.

In case we wish to protect these intelligent functions against vandalism or intrusion the ProxerSafe Security system is suggested.

Versions and types

As per function

With the ProxerSafe family almost all user needs can be met:

KeySafe Lock – cabinets with RFID key holder plugs

ProxerSafe Box – storage cabinets with boxes

ProxerSafe Combo – value storage cabinets with key holder plugs and boxes

ProxerSafe Mini – small sized cabinets for office use with key holder plugs and/ or boxes



AutoSafe (AS) – for unique needs with arbitrary box sizes

ProxerSafe Keep – locker **and luggage system** lockers, left luggage and storage system

ProxerSafe WeaponRack – weapon rack with RF

As per design

Indoor design: default, powder coated steel house in RAL7035 colour. Other RAL colours can be chosen according to Client's need.

Semi-outdoor design: with heating and cooling; in galvanized and powder coated steel house, sealed design. It can be placed under rain roof or in doorway

Outdoor, vandal-proof design: shock-resistant design with safety glass door, motor-driven door opener, heating and cooling, operation temperature is between -40 and +60°C.

Security: Key or value storage cabinets built in En1143-1 Grade1 / Grade2 or SS3492 qualified safe. The number of key plugs and the number and sizes of boxes may vary. With the recommendation of the Association of Hungarian Insurance Companies. (MABISZ)



ProxerSafe Security – key cabinet built into qualified safe



Outdoor, vandal-proof ProxerSafe Box, door opening with actuator

KeySafe Lock – cabinets with RFID key holder plugs (KSL)



The KeySafe Lock is an intelligent safety key cabinet, which can be opened only by personal **RFID** proximity transponder, and/or **PIN** or optionally by **biometric** identification. The intelligent cabinet **does not allow to take any keys, just those, which the person is entitled for** in the given time.

By default, the cabinet identifies the person and the key. Booking, finding, banning keys are available services, just like setting alarm on not returned keys.

Client can manage their KSL cabinets all around with the **ProxerNet software** KeySafe module or the ProxerSafe Web Access remotely. More cabinets can be integrated into the same system, regardless their physical location. In case of network outage or the lack of network, the cabinets can be managed via their touchscreen operated built-in computer.



Properties

- **RFID, PIN** or optionally biometric identification (RFID card, tag, NFC-enabled mobile phone, fingerprint reader, face recognition, etc.)
- Automatically locking, numbered key plugs
- **Uniquely identified key holder plugs** (with RFID technology)
- **Rights** can be granted and revoked **by keys and users**, even remotely.
- **Logged** door opening and key traffic
- Rights can be granted for a period of time.
- **Online-offline communication:** key cabinet can work in stand-alone operation mode via the built-in, touchscreen operated industrial computer and/or remotely with the help of the ProxerNet software or ProxerSafe Web Access. Checking logs and management are possible in either stand-alone or online mode, though at distinct degree.
- Capacity up to large systems with hundreds of keys (as per Client's needs).
- **More cabinets can be used in one system**
- Management software and interface are available in Swedish, Finnish, Arabic languages besides Hungarian and English. It can be translated into further languages as well.
- Key reservation and key search function
- Odometer data can be requested at car keys
- Safety glass door
- **Expandable by modules.** Capacity can be determined by 8 and 16 key holder plugs.
- Steel housing, indoor design, powder coated in RAL7035 colour. Outdoor, brushed stainless steel cabinet, IP65 protection, vandal-proof design or integration into qualified safe can be ordered.



Options

- Client's existing RFID cards can be used, or Client's reader can be integrated in to the cabinet (further checking needed).
- Wi-Fi
- **Vandal-proof, crimpable keyring**
- SMS alert on keys not returned in time
- Email notifications
- **Breathalyzer** – vehicle keys can be taken only after negative test results
- Integration with alarm and fire alarm systems.
- Integration with access control system: colleagues may leave after taking the keys back
- Metal door instead of the safety glass, or design without door
- Semi-outdoor design, placed under rain roof



- More cabinets can be put connected to a single data cable; the system can be extended.

ProxerSafe Box – value storage cabinets with boxes (PSB)

Intelligent safety cabinets can be ordered with boxes in distinct size and number. Clients can keep documents, key boxes, mobile devices, tools and instruments, or even laptops and radios safe in a monitored and authorized way. The ProxerSafe Box cabinets have rack-compatible width; their depth may be 150, 200 or 300 mm. The boxes themselves are available in various sizes (see table below).

Mobile devices, radios, electronics tools can be charged while in the box, as integrated **chargers** can be requested.

Boxes with scales (option) help to follow up and log the object's weight, thus its presence and status in the box.

The ProxerSafe cabinets are built up from modules, so different box sizes can be combined in one cabinet.



Properties

- **RFID** (card, tag, NFC-enabled smartphone), **PIN**, optionally biometric **identification** to open the boxes
- **Access rights** can be granted and revoked **per box and per user**
- **Online-offline communication**: cabinet can work in stand-alone operation mode via the built-in, touchscreen operated industrial computer and/or remotely with the help of the ProxerNet software or ProxerSafe Web Access. Checking logs and management are possible in either stand-alone or online mode, though at distinct degree.
- **Logs**: who opened which box (at integrated key holder plug – took which key) and when
- Numbered boxes, access rights shown by leds
- It can be integrated into rack cabinet according to demand
- Management software and interface are available in Swedish, Finnish, Arabic languages besides Hungarian and English. It can be translated into further languages.



Options

- Client’s existing RFID cards can be used, or Client’s reader can be integrated in to the cabinet (further checking needed).
- **Wi-Fi**
- **Breathalyzer**
- **Charger:** charging mobiles devices while in the box, integrated USB charger or 230V socket
- KeySafe RFID key holder plug can be integrated into boxes
- Infrared optics for engaged signalling
- Integrated scale for engaged signalling
- Integrated scale for precision weigh measurement (+-0,01g)
- Crimpable keyrings for the optional key holder plugs
- Cabinet capacity according to unique needs
- Powder coated steel housing or brushed stainless steel housing
- It can be integrated into 19” rack tower or qualified safe
- With transparent or metal box doors



Name	Width cm	Height cm	Depth 15cm	Depth 20cm	Depth 30cm	Depth 45cm
S	9	6,4	S15	S20	S30	
2S	20	6,4	2S15	2S20	2S30	
4S	42	6,4	4S15	4S20	4S30	
M	9	13	M15	M20	M30	
2M	20	13	2M15	2M20	2M30	
4M	42	13	4M15	4M20	4M30	
L	9	26		L20	L30	L45
2L	20	26		2L20	2L30	2L45
4L	42	26			4L30	4L45
XL	9	40			XL30	XL45
2XL	20	40			2XL30	2XL45
4XL	42	40			4XL30	4XL45
XXL	9	53			XXL30	XXL45
2XXL	20	53			2XXL30	2XXL45
4XXL	42	53			4XXL30	4XXL45

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ProxerSafe Combo – value storage cabinets with key holder plugs and boxes (PSC)

The ProxerSafe Combo is a professional, combined cabinet with key holder plugs and boxes in a powder coated steel housing in RAL7035 colour. Cabinet is equipped with built-in, touchscreen operated industrial computer, RFID reader, uninterrupted power supply and Ethernet interface. It can be used in online and offline mode.

Number of key plugs may vary by 8 (there are 16 plugs in one row; half row can be uploaded), the number and size of the boxes can be varied widely.

The ProxerSafe Combo cabinets are for keeping documents, keys, key boxes, mobile devices, tools and instruments, or even laptops and radios safe in a monitored and authorized way. The key holder plugs are identified one by one using RFID technology, thus they can be authorized and logged individually. Chargers can be built into the boxes, so mobile devices, radio devices can be charged while safe keeping.

Properties

- **RFID** (card, tag, NFC-enabled smartphone), **PIN**, optionally biometric identification to open the boxes
- **Access rights** can be granted and revoked **by keys, boxes and users**, even remotely
- Automatically locking, numbered key plugs; numbered boxes, access rights shown by leds
- **Uniquely identified key holder plugs** (with RFID technology)
- **Online-offline communication**: cabinet can work in stand-alone operation mode via the built-in, touchscreen operated industrial computer and/or remotely with the help of the ProxerNet software or ProxerSafe Web Access. Checking logs and management are possible in either stand-alone or online mode, though at distinct degree.
- Management software and interface are available in Swedish, Finnish, Arabic languages besides Hungarian and English. It can be translated into further languages
- **Logs**: who opened which box, took and returned which key and when
- Rights can be granted for a period of time.
- It can be integrated into rack-cabinet as per demand
- **More cabinets can be used in one system**
- Key reservation and key search function
- **Expandable by modules**. Capacity can be determined by 8 and 16 key holder plugs and in box modules
- Steel housing, indoor design, powder coated in RAL7035 colour. Outdoor, brushed stainless steel cabinet, IP65 protection, vandal-proof design can be ordered, or integration into qualified safe.



Security seal

RFID keyplug

Options

- Client’s existing RFID cards can be used, or Client’s reader can be integrated in to the cabinet (further checking needed).
- **Wi-Fi**
- **Vandal-proof, crimpable keyring**
- SMS alert on keys not returned in time
- Email notifications
- **Breathalyzer** – vehicle keys can be taken only after negative test results
- Integration with alarm and fire alarm systems; integration with access control system: colleagues may leave after taking the keys back
- Outer door can be metal, safety glass, or design without door can be chosen
- Semi-outdoor design, placed under rain roof
- More cabinets can be put connected to a single data cable; the system can be extended
- **Charger:** charging mobiles devices while in the box, integrated USB charger or 230V socket
- Infrared optics for engaged signalling
- Integrated scale for engaged signalling
- Integrated scale for precision weigh measurement (+-0,01g)
- Cabinet capacity according to unique needs (in box size, box number and key plug number)
- It can be integrated into 19” rack tower and qualified safe
- With transparent or metal box doors



Name	Width cm	Height cm	Depth 15cm	Depth 20cm	Depth 30cm	Depth 45cm
S	9	6,4	S15	S20	S30	
2S	20	6,4	2S15	2S20	2S30	
4S	42	6,4	4S15	4S20	4S30	
M	9	13	M15	M20	M30	
2M	20	13	2M15	2M20	2M30	
4M	42	13	4M15	4M20	4M30	
L	9	26		L20	L30	L45
2L	20	26		2L20	2L30	2L45
4L	42	26			4L30	4L45
XL	9	40			XL30	XL45
2XL	20	40			2XL30	2XL45
4XL	42	40			4XL30	4XL45
XXL	9	53			XXL30	XXL45
2XXL	20	53			2XXL30	2XXL45
4XXL	42	53			4XXL30	4XXL45





ProxerSafe Mini – small sized cabinets for office use with key holder plugs and/ or boxes (PSM)

The ProxerSafe Mini cabinets may fulfil the same tasks as the KeySafe Lock, ProxerSafe Box or Combo cabinets, but in compact size with limited key plug and box number.

The cabinets, within the house's size, can be extended with modules. Key plug modules and box modules can be combined. The cabinets have powder coated steel housing in RAL7035 colour, touchscreen-operated, built-in minicomputer, RFID reader, UPS and Ethernet interface. Both online and offline operation modes are available.

The ProxerSafe Mini cabinets are for keeping keys, key boxes, access cards, ID cards, smaller devices safe and manage them in a monitored, authorized way. Key holder plugs are identified uniquely using RFID technology, so they can be tracked and monitored one by one.

ProxerSafe Mini cabinets are perfect for office use, but in semi-outdoor design they can be used at apartment houses, hostels to hand over keys to guests with no receptionist present. (Cabinet opens with unique PIN.)

			
PSM-18S	PSM-9M	PSM-K24	PSM-K16-6S
ProxerSafe Mini w 18 pcs S-sized boxes	ProxerSafe Mini w 9 pcs M-sized boxes	ProxerSafe Mini w 24 key holder plugs	ProxerSafe Mini w 16 key plugs and 6 pcs S-sized boxes
With 6-box modules: PSM-6S and PSM-12S are available	With 3-box modules: PSM-3M and PSM-6M are available	With 8-key-plug modules: PSM-8K and PSM-16K are available	With 8-key-plug modules and 6/ 3 box modules PSM-8K-6S/12S/3M/6M and PSM-16K-3M are available

The cabinet size is standard; the room of the missing modules is covered with a metal plate till later expansion.

Properties

- **RFID** (card, tag, NFC-enabled smartphone), **PIN**, optionally biometric identification
- **Access rights** can be granted and revoked **by keys, boxes and users**, even remotely
- Automatically locking, numbered key plugs; numbered boxes, access rights shown by leds
- **Uniquely identified key holder plugs** (with RFID technology)
- **Logs**: who opened which box, took and returned which key and when
- Rights can be granted for a period of time.
- **Online-offline communication**: cabinet can work in stand-alone operation mode via the built-in, touchscreen operated industrial computer and/or remotely with the help of the ProxerNet software or ProxerSafe Web Access. Checking logs and management are possible in either stand-alone or online mode, though at distinct degree.
- Management software and interface are available in Swedish, Finnish, Arabic languages besides Hungarian and English. It can be translated into further languages.
- Key reservation and key search function
- Odometer data can be requested at car keys
- **Expandable by modules**. A PSM cabinet can take three modules in arbitrary combination. The modules are: 8K (8 key plugs), 6S (6pcs S-sized box), 3M (3pcs M-sized box).
- Powder-coated steel housing, indoor design in RAL7035 colour.



Options

- Client's existing RFID cards can be used, or Client's reader can be integrated in to the cabinet (further checking needed).
- **Wi-Fi**
- **Vandal-proof, crimpable keyring**
- **For apartment houses and hostels with simple remote management with restricted functions**
- IP-videophone can be integrated
- Text alert (SMS) on not returned keys, email notifications on movement data
- Integration with alarm and fire alarm system
- More cabinets can be integrated into one system
- Outer door: metal or safety glass
- **Semi-outdoor design**: under rain roof or in doorway, with heating and cooling, in galvanized, sealed implementation.

PSM cabinets – box sizes			
Name	Width cm	Height cm	Depth Cm
S	7,3	6,4	8,1
M	7,3	12,9	8,1

ProxerSafe Industry – value storage cabinets for industrial usage (PSI)

The ProxerSafe Industry cabinets have diverse box sizes, commutable modules and solid, strong design, which make them excellent for workshops, garages, industries and laboratories.

Designed for industrial use, it is for keeping tools, instruments, devices, protective equipment and utensils safe and manage them in a monitored and authorized way.

The transparent box doors and the LED lighting help to identify the needed tool quickly. The box doors can be opened via the touch screen.

With integrating AC power cables, the ProxerSafe Industry cabinet optionally may charge devices and tools with battery. The charging time is managed, and the battery being charged for the longest time is marked. Clients can charge laptops, tablets and iPads too; optionally the stored laptops and other devices can be managed, updated by the IT department while in the cabinet.

The frame is in 24" rack sizing, it is typically a 60cm wide and 60cm deep hollow structural section frame. The modules can be swapped, placed in on tracks and then fastened safely.

The locks are solid and strong; the material of the cabinet, its inner holding plates are from 1,5mm thick steel.

The cabinet is equipped with castor-wheels with brakes, so it can be easily moved from one location to another and then fixed there. The cabinet can also be ordered with fix feet.

The cabinet units can be put in line and attached to one another; thus, large systems can be formed.

Properties

- **RFID** (card, tag, NFC-enabled smartphone), **PIN**, optionally biometric identification to open the boxes
- **Access rights** can be granted and revoked **by boxes and users**, even remotely
- Numbered boxes, access rights shown by leds
- **Logs**: who opened which box and when
- Rights can be granted for a period of time.
- **Online-offline communication**: cabinet can work in stand-alone operation mode via the built-in, touchscreen operated industrial computer and/or remotely with the help of the ProxerNet software or ProxerSafe Web Access. Checking logs and management are possible in either stand-alone or online mode, though at distinct degree.
- Management software and interface are available in Swedish, Finnish, Arabic languages besides Hungarian and English. It can be translated into further languages.



- **Commutable and variable modules.** In 24" rack size the modules, doors and dividers can be changed.
- 40 and 60cm cabinet depth
- Steel housing with 1,5mm plate thickness
- Cabinet units can be put in line
- Cabinet is easy to move with castor-wheels
- 19", high resolution touchscreen

Options

- Client's existing RFID cards can be used, or Client's reader can be integrated in to the cabinet (further checking needed).
- **Wi-Fi**
- **Breathalyzer** – certain boxes can be accessed only after negative test result
- More cabinets can be put connected to a single data cable; the system can be extended
- **Charger:** charging mobiles devices while in the box, integrated USB charger or 230V socket
- Cabinet capacity according to unique needs (box size and box number)
- With transparent or metal box doors
- **IT devices** can be accessed, **connected to network**, updated while in the cabinet
- Cooling fan and filtration can be required

PSI box sizes		
Box	Width cm	Height cm
S	15	15
2S	30	15
3S	45	15
4S	60	15
M	15	30
2M	30	30
3M	45	30
4M	60	30
L	15	45
2L	30	45
3L	45	45
4L	60	45
XL	15	60
2XL	30	60
3XL	45	60
4XL	60	60
XXL	15	91
2XXL	30	91
3XXL	45	91
4XXL	60	91



ProxerSafe Keep – locker and luggage system (PSK)

The ProxerSafe Keep electronic locker and luggage system is for keeping small and large parcels, suitcases or bags. The system can be used not only for keeping employees' and visitors' belongings safe, but also in shopping malls, spas, airports, bus stations, etc. ProxerSafe Keep system exists in *free usage*, *paying service* and *deposit* operation modes.

The ProxerSafe Keep can be set up with a wide range of box and cabinet sizes with distinct door types.

The body of the cabinet and its doors are made of thick (1,5mm) steel with powder coating and corrosion protective coating. The bottom plates of the boxes are stainless, abrasion-resistant, 1,5mm thick steel. The cabinet units can be lined up, the dimensions can be set in a way they fit into the available space, which makes installation fast and easy.

The box doors are locked with electromechanical locks; leds show the status of the box (occupied or free to take). When a door is shut, the lock closes automatically and it keeps closed. The locks work without battery and have 12 years lifespan.



Cabinets can be ordered with glazed doors or with shockproof polycarbonate doors. Luggage system is available in indoor design, an optionally in external design.

The ProxerSafe Manager80 paying machine is integrated into the cabinet by default (controller unit); at request it can be configured in a separate unit. For easy management there is one RFID reader per cabinet unit and also one in the controller unit.

Properties

- RFID (card, tag, NFC-enabled smartphone), PIN, optionally biometric identification to open the boxes
- **Access rights** can be granted and revoked **by boxes and users**, even remotely
- Numbered boxes, access rights and status shown by leds
- **Logs**: who opened which box and when
- Rights can be granted for a period of time
- The cabinet can be monitored and managed remotely
- Eligible box sizes at order
- Electromechanical locks with long lifetime
- Solid, strong cabinet and box doors
- Built-in touch-screen operated computer
- UPS



- For bus stations, airports, shopping malls, swimming pools or even in factories and plants

Options

- Client’s existing RFID cards can be used, or Client’s reader can be integrated in to the cabinet (further checking needed). For identifications RFID cards or barcode can be used as well.
- More cabinets can be put connected to a single data cable; the system can be extended
- Cabinet capacity according to unique needs (in box size and box number)
- Integration with paying machine (coins, banknotes, PayPass as agreed)
- Paying machine may be set to give change
- Using with deposit
- Thermal printer
- For external usage under rain roof
- Vandal-proof design



Eligible cabinet depth: 65cm or 90cm (suggested).



PSK luggage system		
Box	Width cm	Height cm
S	15	20
2S	30	20
3S	45	20
4S	60	20
M	15	40
2M	30	40
3M	45	40
4M	60	40
L	15	60
2L	30	60
3L	45	60
4L	60	60
XL	15	90
2XL	30	90
3XL	45	90
4XL	60	90

ProxerSafe WeaponRack – weapon rack with RF identification (PSW)

The ProxerSafe-WR modular weapons storage system has been designed for storing police and military weapons, like submachine guns or rifles. It has stable, modular steel frames with components to accommodate the weapons, and locks and sensors for a secure, monitored access control system.

This open system can be mounted on wall, installed in Universal Weapons Rack or on a cart. Components ensure that weapons can be stored in a secure way but for quick and easy deployment. The cabinet can be used only with personalized RFID proximity tags or/and PIN code, optionally fingerprint authorization. Each weapon lock has a unique identifier that allows identification and monitoring of all events. The software logs when a lock is opened, and by whom. Authority can be given and withdrawn by locks (thus weapons). Without such right, the rack does not let the person open any lock.

Properties

- Intelligent safety weapon rack for storing and managing submachine guns and rifles in a supervised, authorized and online traceable way.
- Identifies weapon and person
- Steel frame
- Electronic cuff locks, weapons are closed individually
- Led lights and numbered weapon positions
- Weight sensor for detecting the presence of the weapons
- Position sensors to detect if the weapons are in the right position
- RFID readers per weapon position to read the RFID tags of the weapons
- Touchscreen operated built-in computer for user identification and weapon release (open and close the electronic locks)
- Uninterrupted power supply



- Software to manage access rights and log information
- Online and offline (stand-alone) operation is available (cabinet can be managed from the built-in, touchscreen operated computer, standing alone and/or from software module running on a remote computer)
- Logged events: who opened which lock and when, took and returned which weapon
- System can be assembled by units of 6 weapon locks



Options

- Client's existing RFID access cards can be used, or Client's reader can be integrated in to the cabinet (further checking needed).
- Biometric identification
- At identification name and (at request) photo is shown on the screen
- The system can be expanded, new modules can be added (PS-WR12, 18, 24 etc.)
- More weapon racks and cabinets can be integrated into one system, regardless the physical location
- Wi-Fi connection besides the default Ethernet interface
- Email and text (SMS) notifications
- Alarm (email or sound) can be triggered at weapons not returned
- Boxes for ammunition, magazine, even with weight sensors
- Breathalyzer
- Weapon racks can be combined with pistol storage boxes





Option: handgun and magazine storage box

