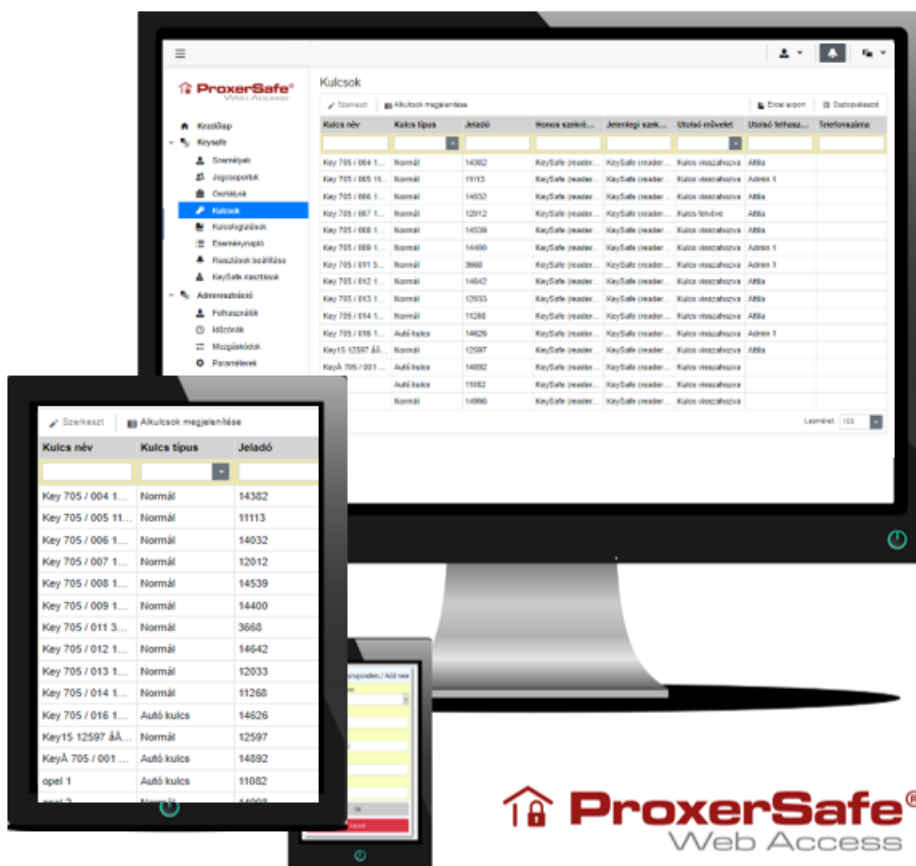


PROCONTROL®

ProxerSafe Web Access 2

Quick User Guide



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Ver 2.3

Welcome

Thank you for choosing Procontrol product.

Procontrol Electronics Ltd has grown to an important national company of developing and manufacturing software, hardware, electronic devices, access control, work time control systems, queue control, client caller, and access protection systems since 1981. Thousands of satisfied customers have experienced the security ensured by our long time period planning, reliable work, and the world trademarks standing behind us.

Our product supply can be found on our www.procontrol.hu web page.

System-, and product supply review

The in-house development intelligent target-systems of Procontrol as modules of a common building-management software (ProxerNet) cover the most tasks of a so-called Smart Building concept, which has big claims.

All of the systems are independent and an innovative solution. which can be pieced together from hardware and software modules on demand and can be used without the other systems, but they work together.

On our web page all of the **system-link** show an overall **systemreviewer**, where from you can find the **modules-catalog**, where from you can find the several **productreviewer**.

The products are usually used independently, but they can be used as a part of one or more target system.

Functions of the systems

- ✓ *Access systems*
- ✓ *Time-attendance systems*
- ✓ *Paying parking systems*
- ✓ *Electronical lock systems*
- ✓ *Key- and value storing safe-systems*
- ✓ *Industrial clock and clock nets*
- ✓ *Displays, informational systems*
- ✓ *Customer calling systems*
- ✓ *Location tracking systems*
- ✓ *Personal real time location systems*
- ✓ *Building engineering (HVAC) systems*
- ✓ *Wellness control systems*
- ✓ *Video control systems*
- ✓ *Fire alarm and fire safety systems*
- ✓ *Entry-save systems*
- ✓ *Production management systems.*
- ✓ *Measuring technology systems*
- ✓ *Vehicle fleet management systems*
- ✓ *Ticket-payment machine systems*

System items, services

NFC,RFID,BIO identifiers, turnstiles, revolving-, sliding-gates
Clockbooks, attendance registers, working schedules, statistics
Crossing gates, person and vehicle identifying, payment machines
NFC, RFID, BIO keys, central lock-management
Person and key identifying, collecting, storing management
GPS sync, NTP server time, analog, digital accidental clocks
Touch screen informational towers, displays,news tickers
Counter ticket dealers, calling terminal, livevoice customer-callers
Person and objecttracking TAGs, installed internal net
Personal transponders, bracelets, local and viewer center
Heating, cooling, airing, shading, lightning management
Entry TAG, season ticket, safelock, solarium, management
Monitoring with camera, recording, tracking
Fire alarm sensors, interceptors, fire safety center
Opening-, moving-, breaking-sensors, signalcenter, warnings
Productionmeasuring, personal collecting, tools putting out
Physical quantities measuring, electronic labor instruments
Fleettracking, driver-,fuel-, refueling- management
Ticket-, card-, payment machines

- ✓ Nurse call and patient tracking systems Wireless nurse calling, patient-tracking bracelets and management

Products (system-independent devices):

Cardprinters and accessories	Fargo HID
Cards, transzponderek, accessories	Card holders, neck straps, RFID key rings
Communicating modules	Ethernet/RS232/RF860/RS485 converters, modems, Tibbo
Sensors	Temperature, pressure, humidity, approximation, water detection
Power supplies	Industrial AC/DC, DC/DC switched mode power supplies

We hope that you will use our products and services with satisfaction.

The Procontrol directorate

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Protected, registered brands:

ProxerGate®

ProxerPort®

ProxerNet®

ProxerLock®

HI-GUARD®

HI-CALL®

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 **IP Thermo®**

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Version tracking, change management

ProxerSafe Web Access 2			Procontrol Kft.
Editor name	Date	Version no.	Subject
Szabados Piroska	23 Feb 2022	v2.0	Creating document
Szabados Piroska	11 Apr 2022	v2.2	Update Key reservation, Event history, Administration
Szabados Piroska	01 June 2022	v2.3	Update/add: Event history, Audit log, license, methods of operation of cabinets

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ProxerSafe Web Access

Using the ProxerSafe Web Access auxiliary service, managing and administrating Procontrol ProxerSafe cabinets via network/ web becomes possible.

Access the service

To access the service, enter the name of the key cabinet (eg KSL64-123456) or IP address (eg 192.168.0.53) in the address bar of your browser. Supported browsers are: current versions of Google Chrome, Mozilla Firefox and Microsoft Edge.

Procontrol key cabinets have software and interface that are easy to use on their own, offline. The built-in industrial computer of the key cabinet runs the KCS module of the ProxerNet KeySafe software with the functions listed below. ProxerSafe Web Access provides a wider range of more convenient, integrated system. The possible ways of operating the cabinets are described at the end of the documentation.

Services provided by the embedded industrial computer software (GUI)

- Stand-alone operation, undisturbed offline operation even if the computer network connection is terminated or interrupted
- Key search function (Where is the meeting room key? In which position in this cabinet? In another cabinet in the network? With whom? Who last picked up the key that I need now, but it is not here?)
- Display of name or even ID picture during personal identification (the concierge can check usage)
- New users and key pickup rights can be added or changed on the touch screen
- New PIN codes can be issued
- Door opening, key collection log, pre-recorded booking information can be viewed on the screen

ProxerSafe WebAccess features that go beyond GUI functionality

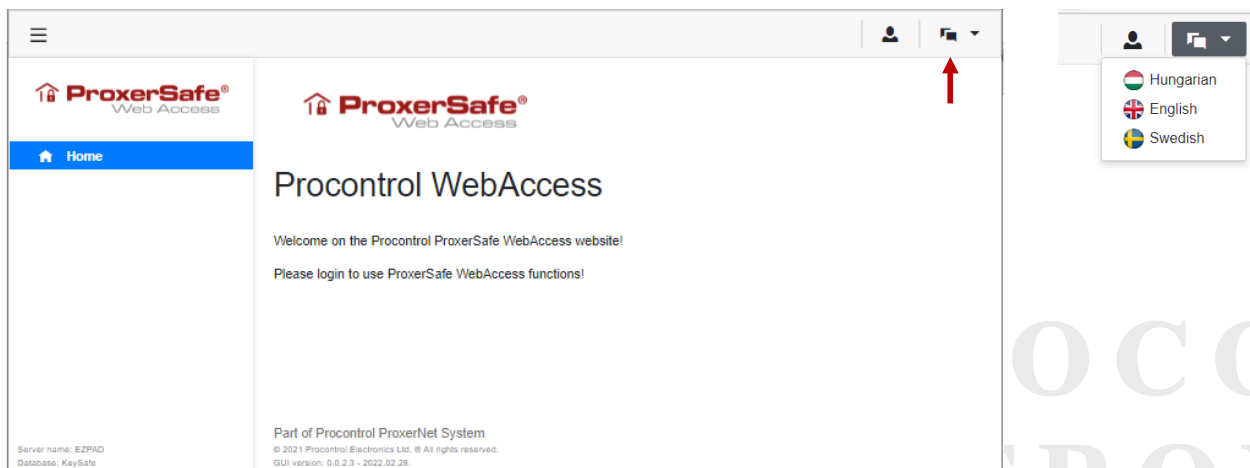
- Provides remote management access via a web browser over Ethernet - optionally cabinets connected via WiFi are manageable
- Multi-cabinet key management, system-level management of networked devices
- All the functions of the built-in industrial computer software (GUI) can be accessed more conveniently, remotely, with a filterable, exportable interface
- Key search function also works between network cabinets
- The log can be queried, filtered and exported
- Reserved bookings can be added e.g. on the 10th from 8 am to 4 pm I will book the meeting key (Others cannot pick it up, even if they are eligible)
- Setting up alerts (via email, optionally via SMS - this will be implemented later, currently being listed or indicated by a pop-up window on the web interface you just opened): eg if the key is not returned in time
- Database import, e.g. upload an employee database and existing card numbers to the device at startup
- Operating settings, e.g. request mileage when handing over a car key, etc.
- Complex authorization management
- Time zone key management
- Classification of persons into departments, assignment of keys by department, rights management
- Import of persons

The key cabinet can be ordered with the KeySafe module of the ProxerNet software instead of the web browser interface; can also be integrated with an access control system.

Language selection


At the login screen (or at any later time) you may select the language from the selection list.

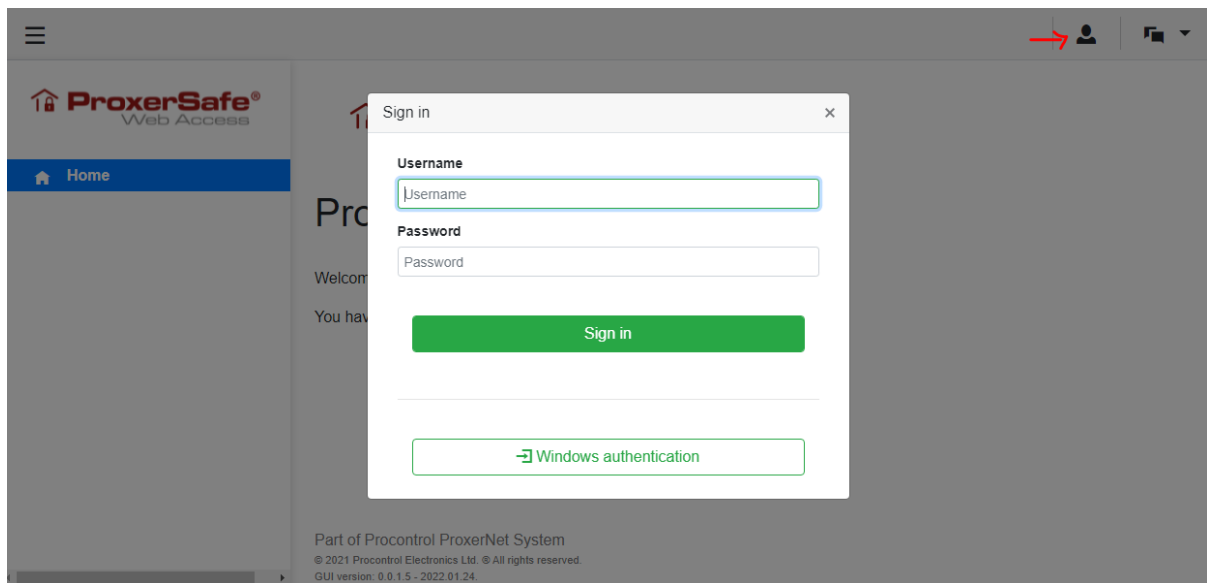
The language selector button is at the top-right corner of the screen. Available languages are English, Hungarian and Swedish.



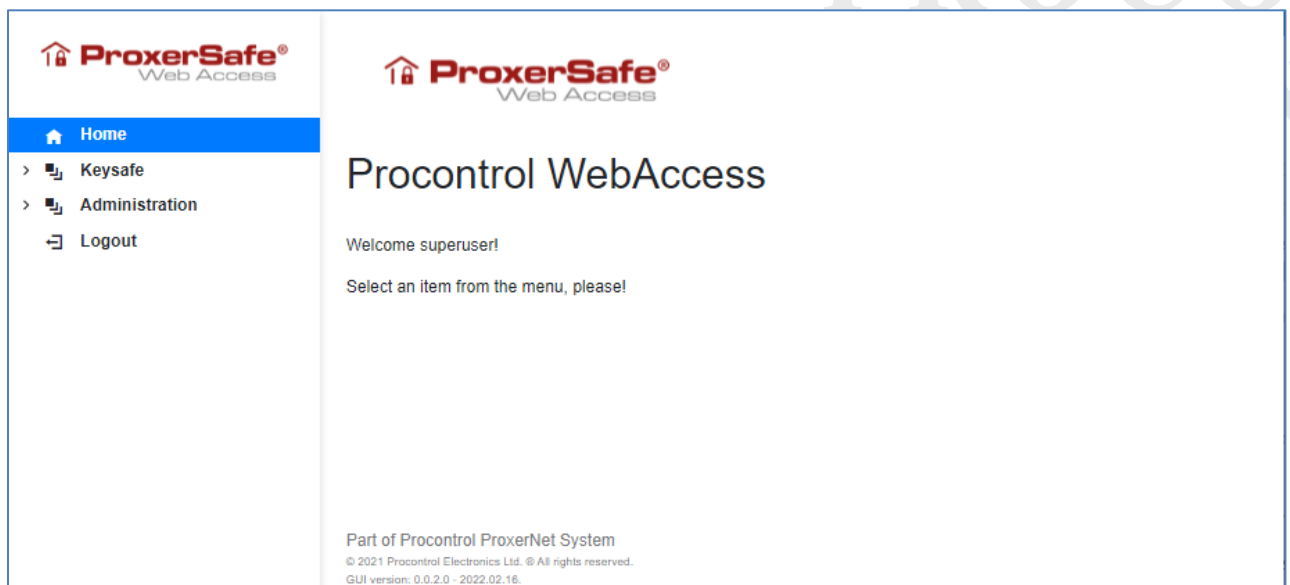
Login

Logging in the web interface is possible for all users with username and password, however, users without administrator rights will see menu items only to which they have access rights.

To login into the interface, click on  button at the top-right corner of the screen (or the login screen may appear on welcome page when you open the application) and enter the username and password:




After successful login with admin rights the following page is shown:




(You may find the menu items part hidden if your window size is too small/narrow.)

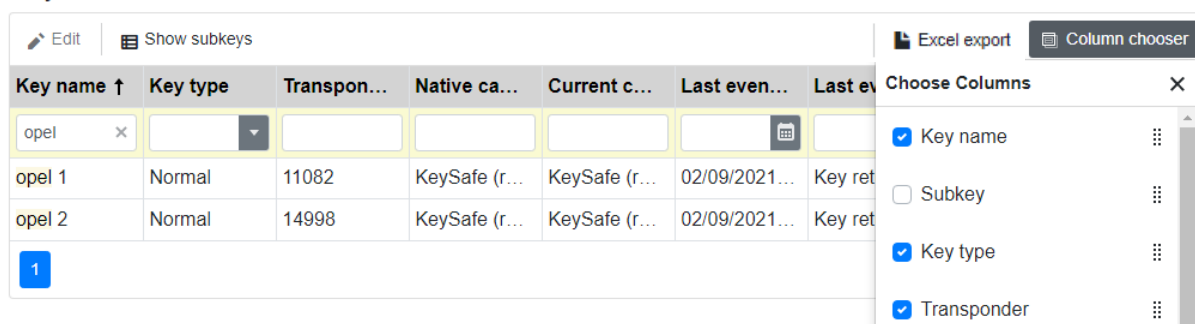
Frame, general user interface management

On the left side of the page there is the menu with the available settings and options. The KeySafe and Administration menu items are collapsed.

The left menu bar can be hidden by clicking the  button at the top-left, for easy handling – or, if your window is too small, you can switch between menu list and details with the same button.

- Choosing any menu item, the number of the records shown per page, filtering or sorting at all columns can be set, accordingly. You can choose which columns to display with  **Column chooser**.

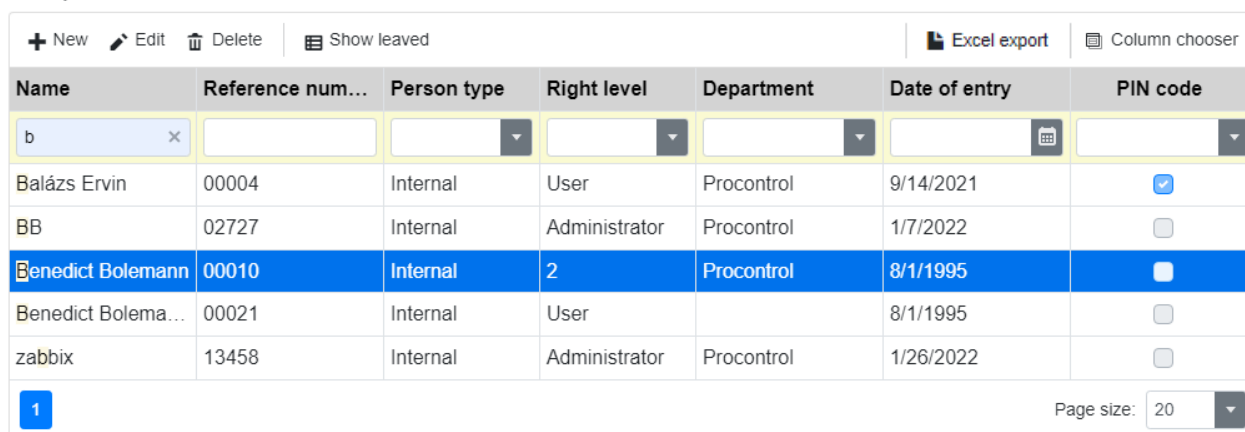
Keys





Key name ↑	Key type	Transpon...	Native ca...	Current c...	Last even...	Last ev
opel						
opel 1	Normal	11082	KeySafe (r...	KeySafe (r...	02/09/2021...	Key ret
opel 2	Normal	14998	KeySafe (r...	KeySafe (r...	02/09/2021...	Key ret

- You can choose page by the pager at the bottom of the list.
- In the header of a list, you can see handling buttons, you can create new records, modify, delete highlighted items, export list to Excel file. In some cases, you can open the records for editing by double clicking on the row.


People



Name	Reference num...	Person type	Right level	Department	Date of entry	PIN code
b						
Balázs Ervin	00004	Internal	User	Procontrol	9/14/2021	<input checked="" type="checkbox"/>
BB	02727	Internal	Administrator	Procontrol	1/7/2022	<input type="checkbox"/>
Benedict Bolemann	00010	Internal	2	Procontrol	8/1/1995	<input type="checkbox"/>
Benedict Bolema...	00021	Internal	User		8/1/1995	<input type="checkbox"/>
zabbix	13458	Internal	Administrator	Procontrol	1/26/2022	<input type="checkbox"/>

- At certain lists you may find special filter button, such as  Show deleted OR  Show leaved . Clicking on it you can display or hide rows, accordingly.
- Also, you can find filter cells above records of a list, if reasonable, with drop-down list or calendar:


Referen...	Name	Person type	Right level	Departm...	Date of ...	Phone n...	Email ad...	PIN code
	b x							
00004	Baláz...	Internal	User	Procontrol	9/14/2021			<input checked="" type="checkbox"/>
02727	BB	Internal	Supervisor	Procontrol	1/7/2022			<input type="checkbox"/>
00010	Bene...	Internal	Administrator	Procontrol	8/1/1995		nb@ceae...	<input type="checkbox"/>

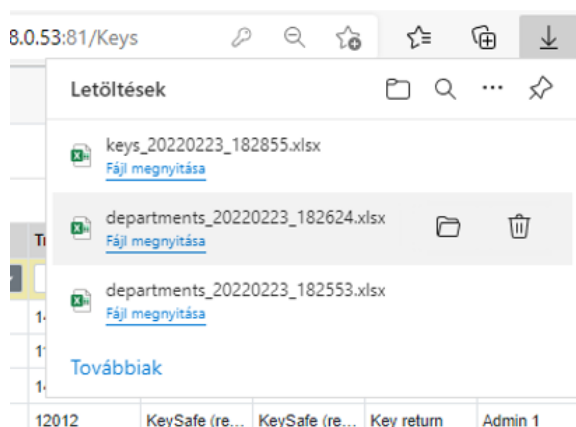
- Deletion of selected (highlighted) items is possible on certain pages by the  Delete button; all deletion must be confirmed by the user.

Confirmation

Are you sure you want to delete the selected person?

Export to Excel worksheet

Most of the item lists can be exported to Excel file. Click on  Excel export in the header and the export is completed right away. You can find the file in Downloads of your computer. (Here below you can see the recently exported lists.)



People, Users

User types

On the menu list you can see “user-kind” entity in 2 parallel terms:



1. KeySafe/**People** – users who are authorized to use the KeySafe / Cabinet
2. Administration/**Users** – users who are authorized to use ProxerSafe WebAccess

If you, as Service user or administrator, want a to authorize a KeySafe user (“People”) to use WebAccess, you have to create user record at both terms: in KeySafe/People and in Administration/Users. Then you have to assign the KeySafe user to the WebAccess user. (How: see later.)

WebAccess user types, complex authorization management

In the system there are 3 WebAccess user levels:

- **Service user**
 - They can see, create, modify, delete all data
 - They can view the license table and add a license key
- **Administrator**
 - They can see all data in the system, but can handle (edit, delete) the assigned elements only.
 - The access rights system is applied to this user.
 - They can't edit Service users.
- **Normal user**
 - They can see and manage (edit, delete) the assigned elements only.
 - The access rights system is applied to this user.
 - They can't edit administrators or service users.

Rights issued (rights management system):

- It is possible to assign rights to a user individually and via a user group (in WebAccess currently not available, under development)
- These rights affect the menu items that appear and the operations that can be performed

Assigned access rights groups:

- Users can be assigned to departments (in WebAccess currently not available, under development) to assign people to them
- It is possible to assign people and keys to users through legal groups
- Users can manage the persons, keys and groups of rights assigned to them (they can assign rights to them, they can edit them)

On the KeySafe/**People** / Administration/**Users** tab you can create, edit, delete the users of the cabinet / WebAccess by the buttons in the header, accordingly.

KeySafe/People - Add a new KeySafe user

Open KeySafe/People window, then click on **+ New** button. A form appears where you can set the user's data and authorization.



Name

Person type

Department

Date of entry

Phone number

PIN code type

Assigned transponders

Card number	Assigned	Revoked	Comment
12345678	02/02/2022 15:57:38		
987654321	23/02/2022 15:00:00	24/02/2022 15:00:00	valid for 1 day

Reference number

Right level

User assigned to this person

Leave date

Email address

Override key time zone

Assigned keys

Show selected keys only

<input type="checkbox"/>	Key name	Native cabin...	Key type	Timezone	Edit
<input type="checkbox"/>	Key 705 / 00...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input checked="" type="checkbox"/>	Key 705 / 00...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input type="checkbox"/>	Key 705 / 00...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input checked="" type="checkbox"/>	[Group right] ...	KeySafe (rea...	Key	Koriátlan	
<input checked="" type="checkbox"/>	[Group right] ...	KeySafe (rea...	Key	Koriátlan	
<input type="checkbox"/>	Key 705 / 00...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input type="checkbox"/>	Key 705 / 01...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input checked="" type="checkbox"/>	[Group right] ...	KeySafe (rea...	Key	Koriátlan	
<input type="checkbox"/>	Key 705 / 01...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>
<input type="checkbox"/>	Key 705 / 01...	KeySafe (rea...	Key	Koriátlan	<input type="button" value="Change timezone"/>

Page Size:

- Add a new name
- The reference data is set automatically, but it can be overwritten; it is a 5-digit long value, (subsequent value is set)
- Set Person type: Internal / External / Guest
- Set Department (optional)
- Set Phone number (optional)
- Set email address (optional)
- Set Right level: User / Supervisor / Administrator
- Assign keys, by checkmark
- Assign WebAccess user to the person (optional; if you want the person to use WebAccess)
- You can add transponder data (card number, validity dates; optional)
- You can set PIN code (optional):

Choose PIN code type

PIN code type

Normal PIN code: valid without identification

Normal PIN code: only valid with identification

Single use PIN code

Single use PIN code - used

then **Set PIN code** :

SetPinText

PIN code

PIN code again

*****|

Save **Cancel**

SetPinText

PIN code

PIN code again

The complexity of the PIN code is low! It can't contain only same numbers or an ascending/descending sequence.

Save **Cancel**

The PIN code must be: Number, exactly 4 characters long, and meet the complexity standards (see above)

It is also possible to **Delete PIN** .

- When all is completed, **Save** .

Administration/ Users - Add a new WebAccess user

Open Administration/Users window, then click on **+ New** button. A form appears where you can add the user's name and authorization.

Users

+ New Edit Delete Show deleted Excel export Column chooser

Name User level

Name: Minta Otto User level: Service user

Setup password: Setup password

Person assigned to the user: Minta Ottó KS

User rights

- Available rights
- Administration - Departments
- Administration - Parameters
- Global - Add
- Global - Delete
- Global - Modify
- KeySafe - Assignable rights
- KeySafe - Key management
- KeySafe - Key reservations
- KeySafe - Logs
- KeySafe - managing persons, importing persons

User assigned right groups

- User assigned right groups
- aa
- Teszt jogcsoport

1 2 Add Remove

Rights assigned to the user

No data to display

Save Cancel

- Enter the new name
- Set User level: Normal / Administrator / Service user
- Assign a Person to the new user from the drop-down list.

Felhasználóhoz rendelt személy: Minta Ottó Cabine

- Choose from the available rights with checkmark and click on **Add** :

Rights assigned to the user

KeySafe - Assignable rights

KeySafe - Key management

KeySafe - Key reservations

KeySafe - Logs

- Select from the available rights groups by the check box
- You can assign departments to users:

Remove Nincs szűrés osztályra check mark then choose departments:

Felhasználóhoz rendelt osztályok

Nincs szűrés osztályra

<input type="checkbox"/>	Felhasználóhoz rendelt osztályok
<input type="checkbox"/>	Procontrol
<input checked="" type="checkbox"/>	Alaposztály
<input type="checkbox"/>	Vezetőség
<input checked="" type="checkbox"/>	Windows programozók
<input checked="" type="checkbox"/>	Fejlesztők MCU
<input type="checkbox"/>	Ügyvitel, marketing
<input type="checkbox"/>	Műszerész telepítők

➤ **Setup password** :

Setup password x

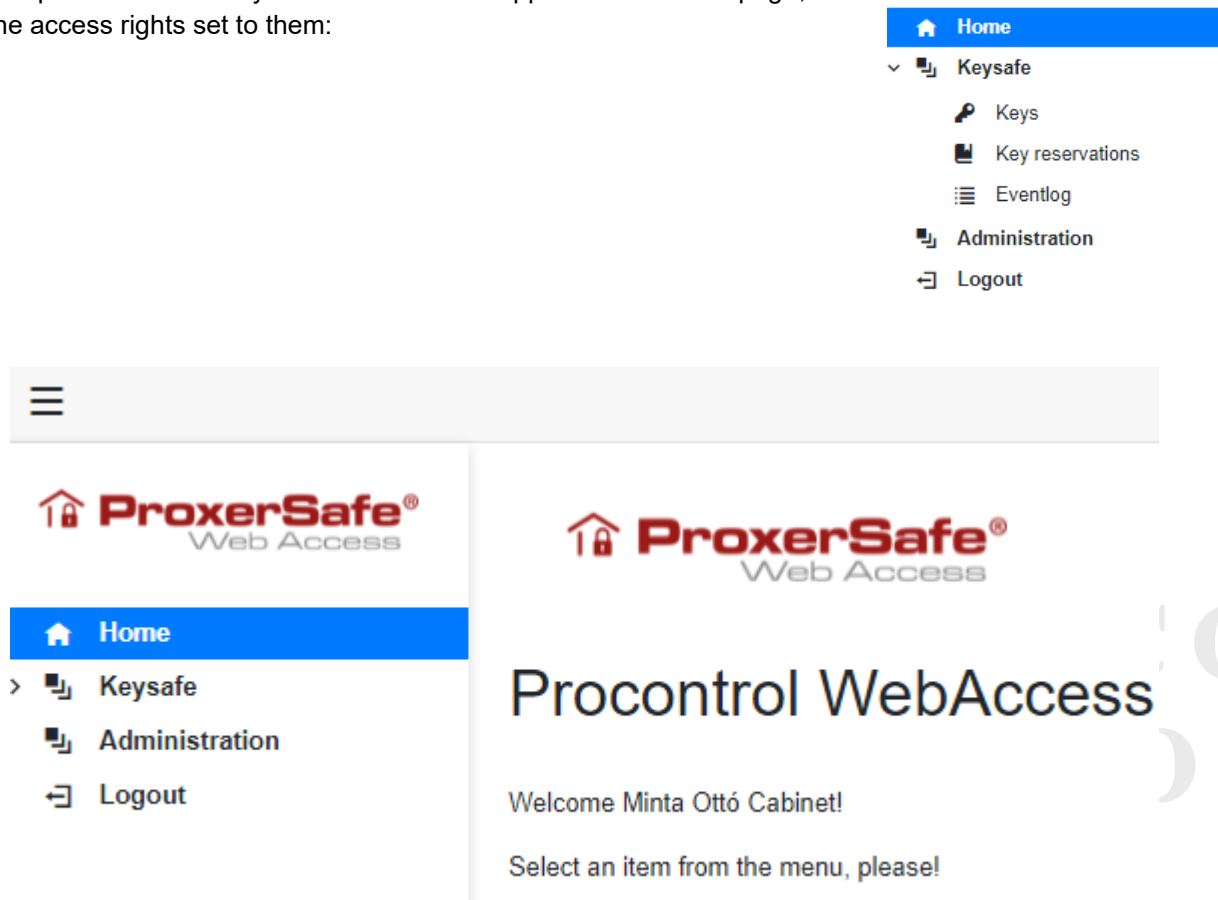
New password

New password again

- When all is completed, .


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After the KeySafe user and WebAccess user are both created and assigned to one another, you can login with the WebAccess username and password. The KeySafe username will appear on welcome page, with the access rights set to them:

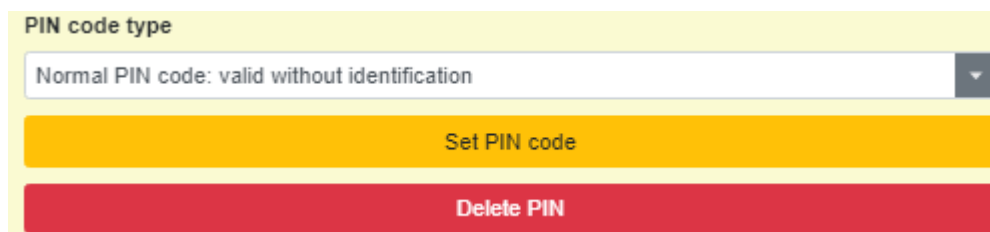


The screenshot shows the ProxerSafe Web Access interface. At the top right, there is a navigation menu with the following items: Home, Keysafe (expanded), Keys, Key reservations, Eventlog, Administration, and Logout. The main content area features the ProxerSafe Web Access logo and the text 'Procontrol WebAccess'. Below the logo, it says 'Welcome Minta Ottó Cabinet!' and 'Select an item from the menu, please!'. On the left side, there is a sidebar menu with Home, Keysafe, Administration, and Logout.

KeySafe/People - Edit KeySafe user

Highlighting the row you want to modify, click on  Edit button (or double-click on the row), a similar to new user creation form appears, containing the added data at creation (see window picture at creation). Mechanism of editing a user is same as creating a new user.


- You can edit any data but Reference number.
- In case there is a PIN set for the person, the PIN code type is shown. You can delete PIN.

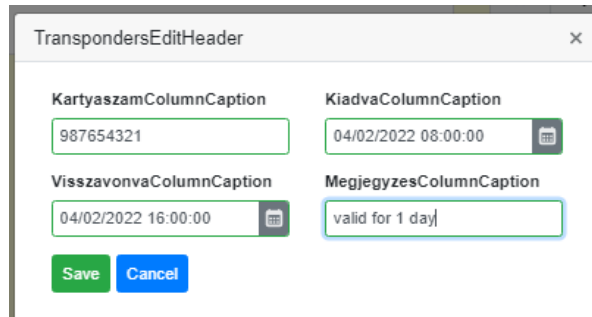


The screenshot shows a form for selecting a PIN code type. The form has a dropdown menu with the text 'Normal PIN code: valid without identification'. Below the dropdown are two buttons: 'Set PIN code' (yellow) and 'Delete PIN' (red).

If there isn't PIN code set, the PIN code type field is empty.

- A transponder number (card number) can be set as well, besides the PIN, for a user.

Clicking on  **New** button, assign a new card to the user.



TranspondersEditHeader


KartyaszamColumnCaption: 987654321

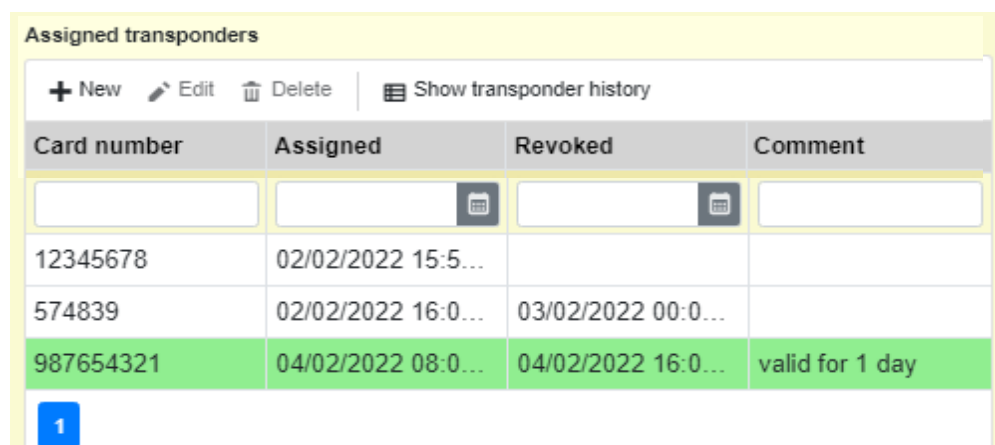
KiadvaColumnCaption: 04/02/2022 08:00:00

VisszavonvaColumnCaption: 04/02/2022 16:00:00

MegjegyzesColumnCaption: valid for 1 day

Save Cancel

The assigned transponders are shown in the Assigned transponders window. Assigned transponders can be disabled:  **Edit** and then set the exact date and time.



Assigned transponders

+ New Edit Delete Show transponder history

Card number	Assigned	Revoked	Comment
12345678	02/02/2022 15:5...		
574839	02/02/2022 16:0...	03/02/2022 00:0...	
987654321	04/02/2022 08:0...	04/02/2022 16:0...	valid for 1 day

1

Administration/Users - Edit WebAccess user

The dynamism of editing a WebAccess user is basically the same as in case of a KeySafe user. however, the data types are different. Here you can modify any data, name.user type, assigned to user... etc.

This is the window where you can update WebAccess user access rights, Cabinet-related user assigned right groups.

Highlighting the row you want to modify, click on  **Edit** button (or double-click on the row), and update the data as needed (name, user level etc.).

Users

[+ New](#) [Edit](#) [Delete](#) [Show deleted](#)
[Excel export](#) [Column chooser](#)

Name	User level
Minta Otto	

Name
Minta Otto

User level
Administrator

Setup password
Setup password

Person assigned to the user
Minta Ottó Cabinet

User rights

Available rights
<input type="checkbox"/> Administration - Departments
<input type="checkbox"/> Administration - Parameters
<input type="checkbox"/> Global - Add
<input type="checkbox"/> Global - Delete
<input type="checkbox"/> Global - Modify
<input type="checkbox"/> KeySafe - managing persons, importing persons
<input type="checkbox"/> KeySafe - RightGroups
<input type="checkbox"/> KeySafe - SMS notifications
<input type="checkbox"/> KeySafe - Vehicle Management
<input type="checkbox"/> Management - New password

User assigned right groups

<input checked="" type="checkbox"/> Teszt jogcsoport
<input checked="" type="checkbox"/> Secretaries
<input type="checkbox"/> Maintainers

Rights assigned to the user

<input type="checkbox"/> KeySafe - Assignable rights
<input type="checkbox"/> KeySafe - Key management
<input checked="" type="checkbox"/> KeySafe - Key reservations
<input checked="" type="checkbox"/> KeySafe - Logs

[Add](#) [Remove](#)

[Save](#) [Cancel](#)

Page size: 20

- You can add or remove WebAccess user access rights by check-marking and then [Add](#) / [Remove](#).
- You can change Person assigned to user, grant or revoke cabinet-related access rights group membership by check-marking or unmarking (see here above).
- You can assign a department to the person or change the assigned department.

Delete KeySafe user / WebAccess user

In the list highlighting the user you want to delete, click on [Delete](#) button. The system will ask for confirmation: When deleting a person, the webpage asks for confirmation. To confirm deletion, click [Yes](#).

Confirmation

Are you sure you want to delete the selected person?

[Yes](#) [No](#)


Fingerprint management

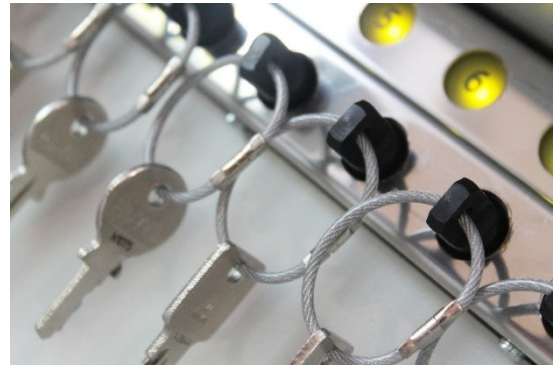
In addition to the RFID and PIN identification methods mentioned above, biometric identification is also possible. For example, in the case of a cabinet with a fingerprint reader, the fingerprints are taken \ assigned on the key \ storage cabinet.

Keys

This menu lists the keys in the cabinet.


You receive the system with given number of keys and original data are set for each key.

The key records can be edited with  **Edit** button, but new keys cannot be added, nor existing keys deleted.



Keys

Key name ↑	Key type	Transponder	Timezone	Native cabi...	Current ca...	Last event t...	Last event	Last user	Phone num...
Key 705 / 00...	Normal	14382	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 00...	Normal	11113	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 00...	Normal	14032	Koriátlán	KeySafe (rea...	KeySafe (rea...	02/09/2021 0...	Key return		
Key 705 / 00...	Normal	12012	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 00...	Normal	14539	Koriátlán	KeySafe (rea...	KeySafe (rea...	14/09/2021 1...	Key pick	Admin 1	
Key 705 / 00...	Normal	14400	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 01...	Normal	3668	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 01...	Normal	14642	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 01...	Normal	12033	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	
Key 705 / 01...	Normal	11268	Koriátlán	KeySafe (rea...	KeySafe (rea...	01/10/2021 0...	Key return	Admin 1	

Clicking on  **Show subkeys** button, you can display subkeys – drop-down or collapse. Clicking on that again you get the original key list back.

Keys

Key name ↑	Subkey	Key type	Transpon...	Timezone	Native ca...	Current c...	Last even...	Last event	Last user	Phone nu...
Edit Show subkeys Excel export Column chooser										
Key name: Key 705 / 004 14382										
Key 705 / 0...		Normal	14382	Korlátlan	KeySafe (r...	KeySafe (r...	01/10/2021...	Key return	Admin 1	
Key 705 / 0...	Teszt	Normal	14382	Korlátlan	KeySafe (r...	KeySafe (r...	01/10/2021...	Key return	Admin 1	
Key 705 / 0...	Teszt	Normal	14382	Korlátlan	KeySafe (r...	KeySafe (r...	01/10/2021...	Key return	Admin 1	
Key name: Key 705 / 005 11113										
Key 705 / 0...		Normal	11113	Korlátlan	KeySafe (r...	KeySafe (r...	01/10/2021...	Key return	Admin 1	
Key 705 / 0...	Teszt	Normal	11113	Korlátlan	KeySafe (r...	KeySafe (r...	01/10/2021...	Key return	Admin 1	
Key name: Key 705 / 006 14032										
Key name: Key 705 / 007 12012										
Key name: Key 705 / 008 14539										
Page size: 10										

Edit a key

At editing a key, a form appears filled in with the data of the keys.


<p>Key name <input type="text" value="opel 1"/></p> <p>Transponder <input type="text" value="11082"/></p> <p>Native slot number <input type="text" value="2"/></p> <p>Notification list <input type="text"/></p> <p>Subkeys</p> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> + New Edit Delete </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">ID</th> <th>Subkey name</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table> <p style="text-align: center; color: #ccc;">No data to display</p>	ID	Subkey name	<input type="text"/>	<input type="text"/>	<p>Key type <input type="text" value="Normal"/></p> <p>Native cabinet <input type="text" value="KeySafe (reader)"/></p> <p>Key usage time limit [min] <input type="text" value="120"/></p> <p>Anybody can pick up <input type="checkbox"/> Anybody can pick up</p>
ID	Subkey name				
<input type="text"/>	<input type="text"/>				

Any field can be modified.

- Key name: add a reasonable name
- Key type: Normal / Car key

- Transponder: the number/name of transponder, do not modify, unless it is necessary (transponder change)
- Native Cabinet: the name of cabinet in which the key is registered, do not change, unless you relocate its place
- Native slot number: the number of "keyhole" (key location) to which the key is registered, do not change, unless you relocate its place
- Key usage time limit: you can set for how long a key can be at a person.
- You can set as "Anybody can pickup".
- Subkeys: you can define a "keychain", which means that to one transponder there will be more keys registered. this way you can remove or place back the whole "keychain".

Edit key rights (key access rights)

The keys used by a user can be managed in the KeySafe/People menu. Choose the user whose rights you wish to edit and double click on it or click on  Edit button and go to *Assigned keys* section.

To assign a new key or disable an existing one, mark or unmark the checkbox before the key name, then save the changes by clicking OK. (Note that you may find a key on a following page.)

Assigned keys

Show selected keys only

-	Key name	Native cabine...	Key type	Timezone	Edit
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Change timezone
<input type="checkbox"/>	Key 705 / 004 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 005 ...	KeySafe (read...	Key	H-P 06-18	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 006 ...	KeySafe (read...	Key	H-P 08-16	Change timezone
<input checked="" type="checkbox"/>	[Group right] K...	KeySafe (read...	Key	Ajtónyitás	
<input checked="" type="checkbox"/>	[Group right] K...	KeySafe (read...	Key	Ajtónyitás	
<input checked="" type="checkbox"/>	Key 705 / 009 ...	KeySafe (read...	Key	H-P 06-18	Change timezone
<input type="checkbox"/>	Key 705 / 011 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input checked="" type="checkbox"/>	[Group right] K...	KeySafe (read...	Key	Ajtónyitás	
<input type="checkbox"/>	Key 705 / 013 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 014 ...	KeySafe (read...	Key	Korlátlan	Change timezone

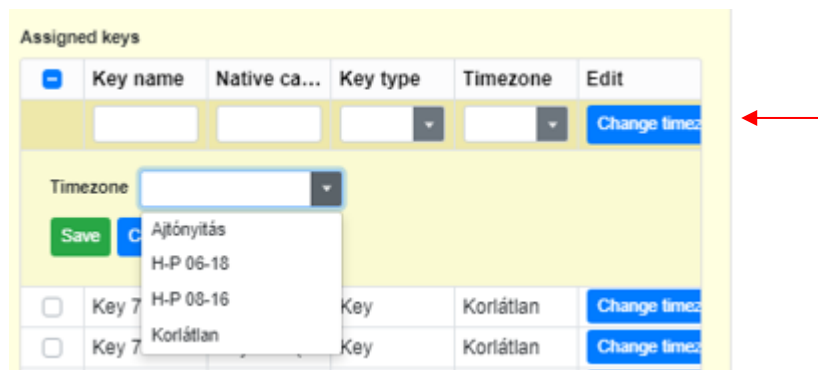
1 2 ← Page Size: 10

Timezone settings

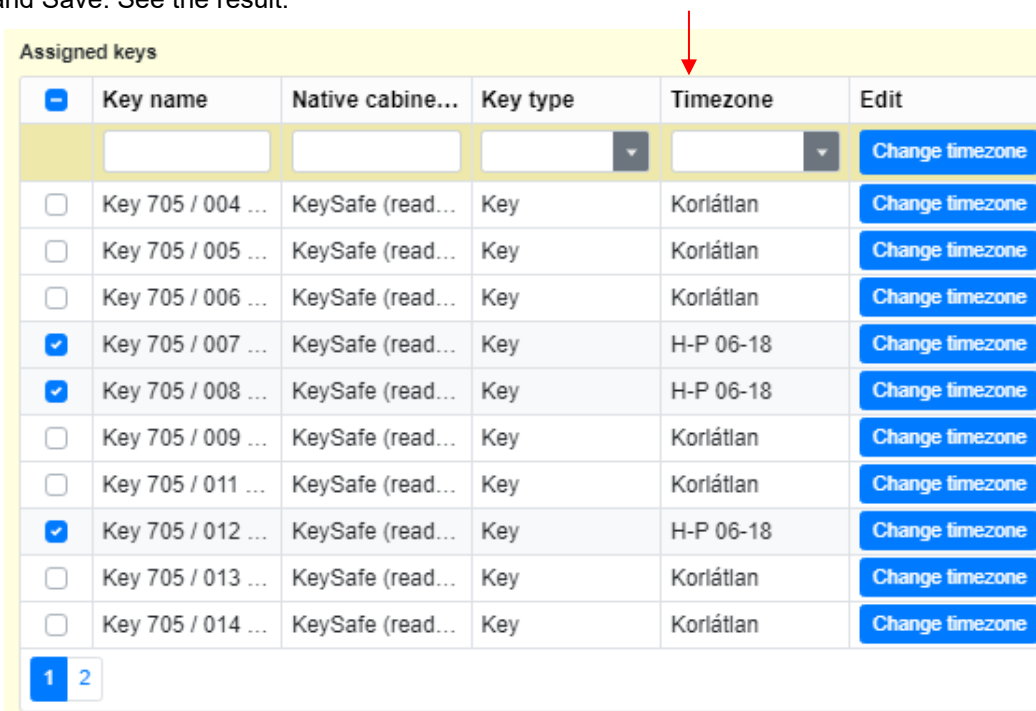
Timezone means that the group members are authorized to access the keys only in the defined timezone, i.e. workdays (M-F) 08:00-16:00, unlimited (Unlimited), etc. New timezone items can be created as needed.

By default unlimited (Unlimited) timezone is set to all keys for a right group. The timezone can be changed to all marked keys or one by one.

Clicking on **Change timezone** at the top, you can set the same new timezone to all marked keys (except for the rights assigned to a rights group):



Choose and Save. See the result:



<input type="checkbox"/>	Key name	Native cabine...	Key type	Timezone	Edit
<input type="checkbox"/>					Change timezone
<input type="checkbox"/>	Key 705 / 004 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 005 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 006 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 007 ...	KeySafe (read...	Key	H-P 06-18	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 008 ...	KeySafe (read...	Key	H-P 06-18	Change timezone
<input type="checkbox"/>	Key 705 / 009 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 011 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 012 ...	KeySafe (read...	Key	H-P 06-18	Change timezone
<input type="checkbox"/>	Key 705 / 013 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 014 ...	KeySafe (read...	Key	Korlátlan	Change timezone

Clicking on the **Change timezone** in the row of key, timezone can be set for that one key:

Assigned keys

<input type="checkbox"/>	Key name	Native cabine...	Key type	Timezone	Edit
<input type="checkbox"/>	Key 705 / 004 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 005 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input type="checkbox"/>	Key 705 / 006 ...	KeySafe (read...	Key	Korlátlan	Change timezone
<input checked="" type="checkbox"/>	Key 705 / 007 ...	KeySafe (read...	Key	H-P 06-18	Change timezone

Timezone: H-P 08-16

Save Cancel

Timezone	Edit
Korlátlan	Change timezone
Korlátlan	Change timezone
Korlátlan	Change timezone
H-P 06-18	Change timezone
H-P 08-16	Change timezone
Korlátlan	Change timezone
Korlátlan	Change timezone
H-P 06-18	Change timezone
Korlátlan	Change timezone
Korlátlan	Change timezone

Handling subkeys

At editing keys there is a possibility to define subkeys at every key. (Subkey is a key which is not joined to an RFID keyholder plug directly in the software, but which is physically on the same keyring in the cabinet as the main key itself. It moves together with the key, so it can be picked up and revoked with the same rights as the main key which is attached to.)

Let's say our Opel has an ignition key and a key for its roof rack, on the same keychain. Click on **+ New** and set a key name and **Save**.

Subkeys

+ New Edit Delete

ID	Subkey name
0	ignition
1	

Save Cancel

Edit subkey

Subkey name

Save Cancel



Subkeys

ID	Subkey name
<input type="text"/>	<input type="text"/>
30002	ignition key
40002	Csomagtartó
0	roof rack key

At save the subkey will get an ID that cannot be changed later on:

Subkeys

ID	Subkey name
<input type="text"/>	<input type="text"/>
30002	ignition key
30003	roof rack key

Editing the subkey you can see and modify only its name:

Edit subkey

Subkey name

This is how the list of keys is displayed, with subkeys:

Keys

Key name	Subkey	Key type	Transponder	Native cabinet ...	Current cabine...	Last user
opel						
▼ Key name: opel 1						
opel 1		Normal	11082	KeySafe (reader...	KeySafe (reader...	
opel 1	ignition key	Normal	11082	KeySafe (reader...	KeySafe (reader...	
opel 1	roof rack key	Normal	11082	KeySafe (reader...	KeySafe (reader...	
▼ Key name: opel 2						
opel 2		Normal	14998	KeySafe (reader...	KeySafe (reader...	

Page size: 20

The highlighted record is the “keychain” of Opel 1 and the 2 subkeys are assigned to it.

Opening a subkey record from this window you can modify the name also:

Keys

Key name	Subkey	Key type	Transponder	Native cabin...	Current cabi...	Last user
opel						
▼ Key name: opel 1						
opel 1		Normal	11082	KeySafe (read...	KeySafe (read...	
opel 1	ignition key	Normal	11082	KeySafe (read...	KeySafe (read...	
Key name		Subkey				
opel 1		roof rack key				
Save		Cancel				
▼ Key name: opel 2						
opel 2		Normal	14998	KeySafe (read...	KeySafe (read...	

Page size: 20

Handling car keys

At editing the keys in the Key type field, the key can be set as Car key. In case a key is set as car key, the odometer value can be edited here as well.

Key type

Native cabinet

Key usage time limit [min]

Anybody can pick up
 Anybody can pick up

Odometer value

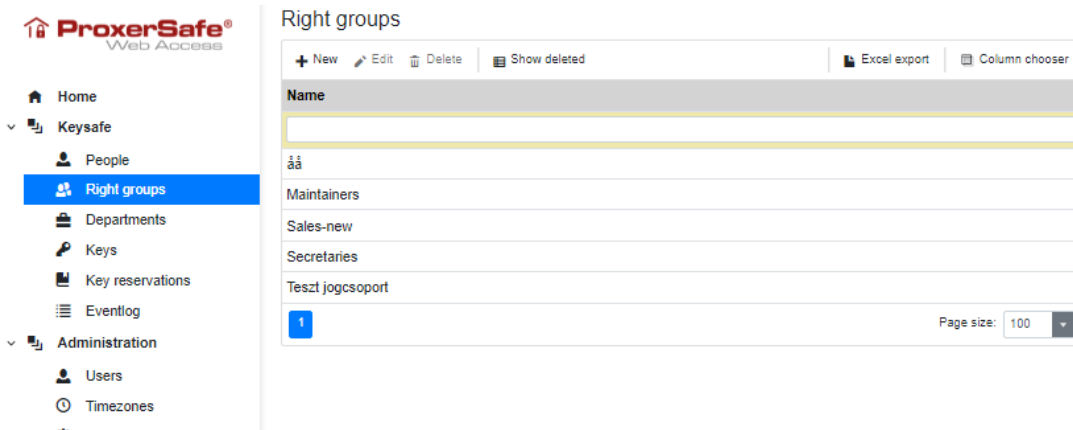
Car keys can be shown and searched in the list of the Keys menu. In the Key type column, the Car key naming is shown.

Keys

Key name	Key type	Transponder	Timezone	Native cabin...	Current cabi...	Last event ti...	Last event	Last user	Phone number
KeyÅ 705 / 00...	Car key	14892	Koriátlan	KeySafe (read...	KeySafe (read...	11/10/2021 15...	Key return		
opel 1	Car key	11082	Koriátlan	KeySafe (read...	KeySafe (read...	02/09/2021 00...	Key return		
opel 2	Normal	14998	Koriátlan	KeySafe (read...	KeySafe (read...	02/09/2021 00...	Key return		
Key 705 / 004 ...	Normal	14382	Koriátlan	KeySafe (read...	KeySafe (read...	01/10/2021 09...	Key return	Admin 1	
Key 705 / 005 ...	Normal	11113	Koriátlan	KeySafe (read...	KeySafe (read...	01/10/2021 09...	Key return	Admin 1	
Key 705 / 006 ...	Normal	14032	Koriátlan	KeySafe (read...	KeySafe (read...	02/09/2021 00...	Key return		

Access right groups

Keys, which can be enabled for users, can be grouped in the “Right groups” menu.



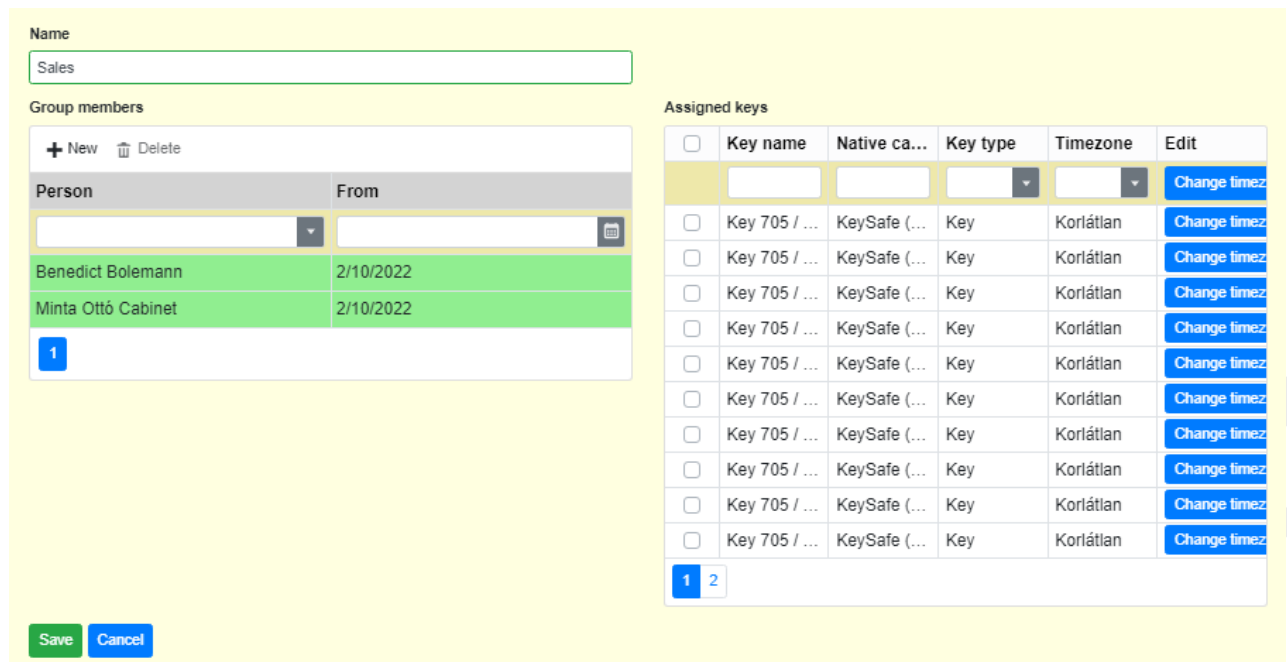
You can define the group members which keys are authorized to take and place back.

Create new access rights group

Click **+ New** to create new access rights group and

- Add a name
- Add group members (see below)
- Set access rights to keys (checkmark)
- Set Timezones (see below)

➤ **Save**



Name
Sales

Group members

+ New Delete

Person	From
Benedict Bolemann	2/10/2022
Minta Ottó Cabinet	2/10/2022

1

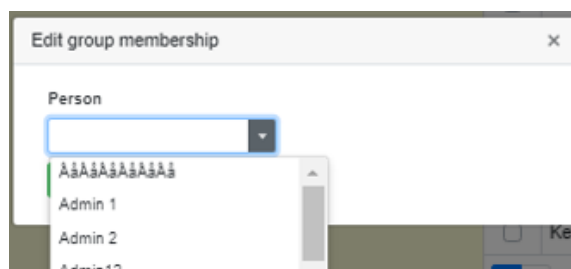
Assigned keys

<input type="checkbox"/>	Key name	Native ca...	Key type	Timezone	Edit
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez

1 2

Save Cancel

Click on **+ New** button in Group members section to add group members. You can choose from the People list. Members can be added one by one.



Edit group membership

Person

Admin 1

Admin 2

Admin12

Key

„Green” ones are added:

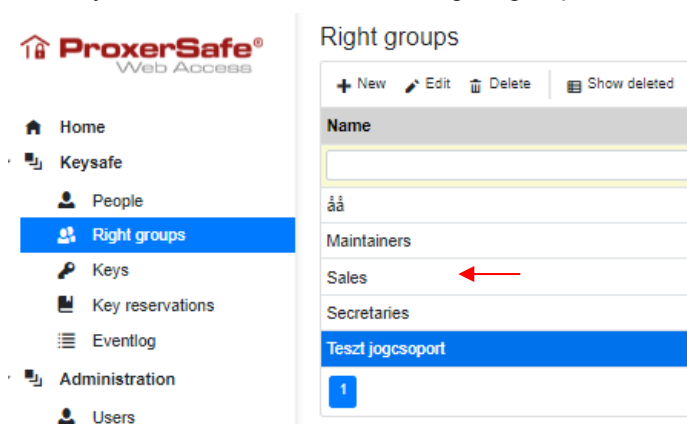
Group members

+ New Delete

Person	From
<input type="text"/>	<input type="text"/>
Benedict Bolemann	2/10/2022
Minta Ottó Cabinet	2/10/2022

1

Saving the create group action, you can find the new access rights group in the list.



ProxerSafe Web Access

Home
Keysafe
People
Right groups
Keys
Key reservations
Eventlog
Administration
Users

Right groups

+ New Edit Delete Show deleted

Name

aa

Maintainers


Sales ←

Secretaries

Teszt jogcsoport

1

Editing an access rights group

It is the same method as creating new one. Highlighting the record to edit, click on  Edit button and do the modification as needed, following the steps described at group creation.

- modify name
- add new group members
- delete group members

Highlighting the record, click on Delete in the section and you will see the name strikethrough:

Group members

+ New Delete

Person	From
<input type="text"/>	<input type="text"/>
BB	2/3/2022 ←
Minta Ottó Cabinet	2/3/2022

1

- mark new / unmark existing key rights, as needed, by checkmark.

Name: Sales-new

Group members

Person	From
BB	2/3/2022
Minta Ottó Cabinet	2/3/2022
Benedict Bolemann	2/10/2022

Assigned keys

	Key name	Native ca...	Key type	Timezone	Edit
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input checked="" type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input checked="" type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input checked="" type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez
<input type="checkbox"/>	Key 705 / ...	KeySafe (...)	Key	Korlátlan	Change timez

Save Cancel

- Change [Timezone](#) (describe at Timezone settings earlier)
- **Save** all changes (only this step will finalize the modifications on the group)

Key reservations

In the “Key reservations” menu keys can be booked, reserved for users for a certain period of time. One key can be reserved only once for the given period of time, to one person.

Key reservations

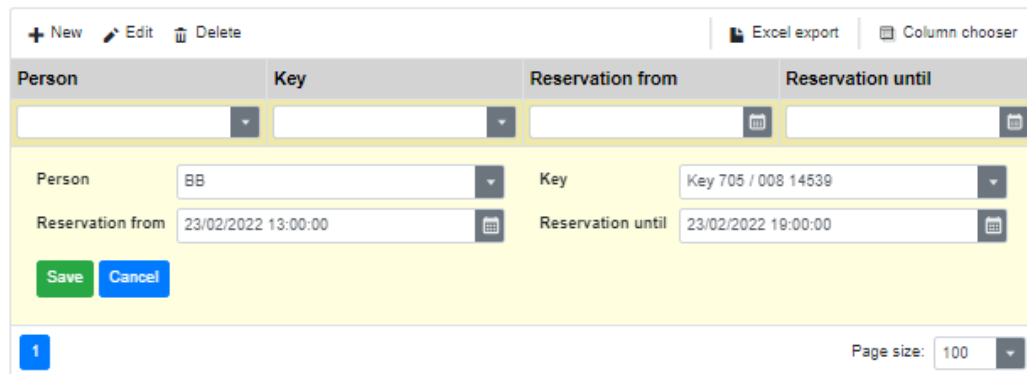
Person	Key	Reservation from	Reservation until
Admin 1	Key 705 / 004 14382	04/02/2022 12:46:27	04/02/2022 15:00:00
BB	Key 705 / 008 14539	04/02/2022 13:00:00	04/02/2022 16:00:00
Minta Ottó Cabinet	Key 705 / 004 14382	08/02/2022 12:00:00	08/02/2022 18:00:00

Page size: 20

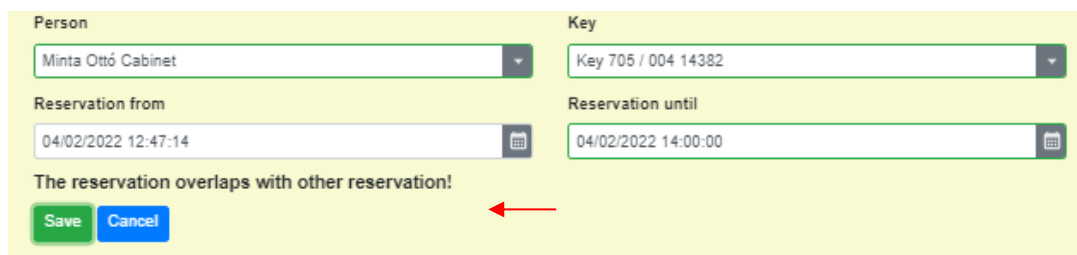
Adding key reservation

Clicking/ tapping **+ New** button, a form appears where the person, the key, the start and end date of the reservation can be set.

Key reservations

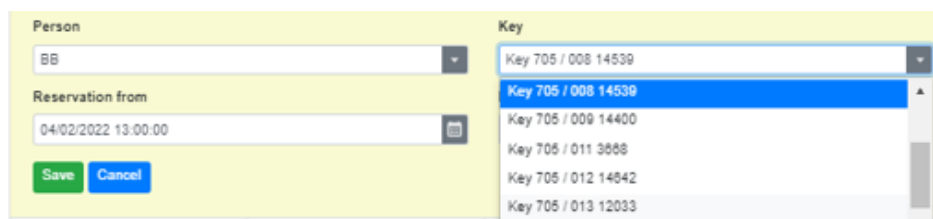


Would you try to reserve a key which is already reserved for another person for the same time / overlaps, the following message appears:



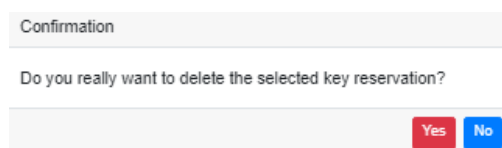
Editing key reservation

Highlighting the row of the given reservation, click on **Edit** button. A similar form appears, just like at new reservation. User name, key name, reservation date (from, to) can be altered. Changes can be saved (save button) or rejected (cancel button).



Deleting key reservation, releasing a key

Key reservation can be deleted by clicking the **Delete** button and by confirmation.



Handling Departments

You can set Departments to People.

Departments

Name
Alaposztály
Biztonságiak
Csabai gépműhely
Fejlesztők MCU
Gépészek
Kiemelt műszerész telepítők
Külsős dolgozók
Műszerész telepítők
Pénzügy

To create new department, click on **+ New**, add a new name and add members:

Name: Enter the department name here!

Department members

+ New Delete

Reference number	Name

No data to display

Save Cancel

Name: Enter the department name here!

Department members

+ New Delete

Reference number	Name

No data to display

Save Cancel

Edit department membership

Name: [Dropdown menu]

Save

- BB
- Benedict Bolemann
- Benedict Bolemann ÁA ÁAÁÁ
- Kis Alfred
- Mak Virag
- Mikulas Nikol
- Minta Csó Cabinet

Members can be added one by one.

Name: Sales-new

Department members

+ New Delete

Reference number	Name
00010	Benedict Bolemann
01010	Charlie Angels
01002	Mak Virag

1

Save Cancel

Name: Sales-new

Department members

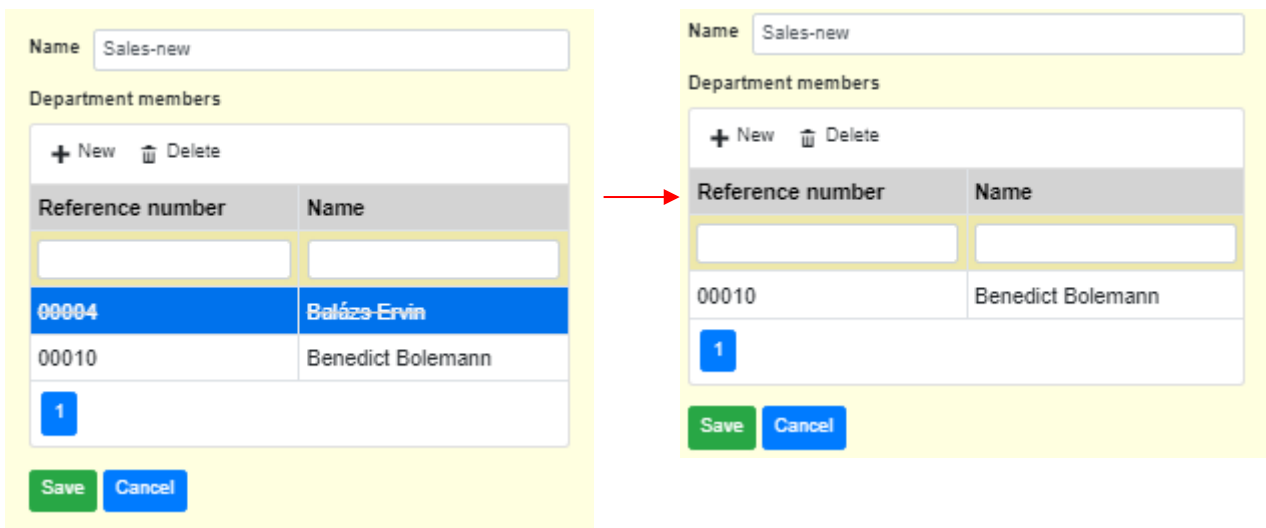
+ New Delete

Reference number	Name
00010	Benedict Bolemann
01002	Mak Virag
01010	Charlie Angels

1

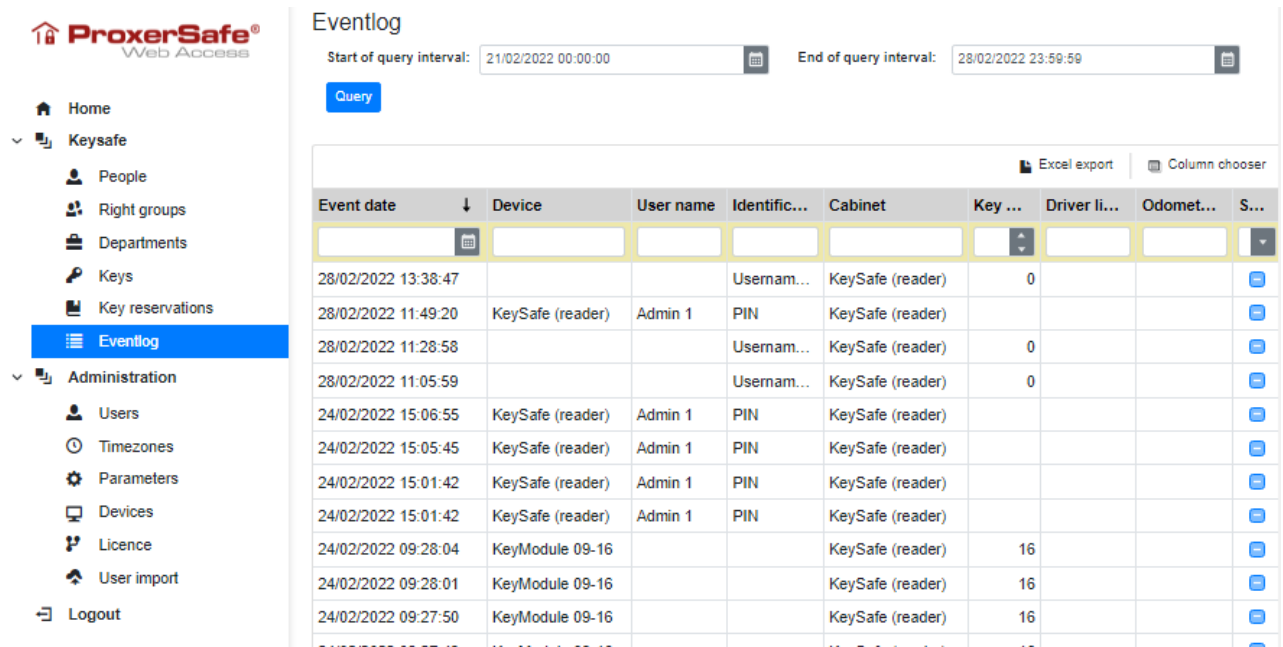
Changing a department (name, membership) takes place on the same interface as creation.

To remove a member, click on Delete. the name will be strike-through; then save and check:



Event history

You can review event history In KeySafe/Eventlog list. The events can be filtered by a period of time or date. The default value is the last week from “now”.



The event logs can be accessed by users without administrator right, but they can see only the keys they are entitled to.

From the event log we can get answers about events and situation related to our keys, for example: Where is the Opel key? Is it in this closet? In which position? In another closet on the network? Who took it? Who last picked up the key that I need now, but it's not here?

Events logged by ProxerSafe systems

The following events are recorded on the system:

- User login/logout - incl. the method of login (PIN, RFID card, fingerprint, and combinations)
 - unsuccessful login attempts also logged
- Door open/close, successful and unsuccessful, rejected events
- Key pick up/return, also unsuccessful attempts
- Key booking events, successful and rejected
- Alcohol test, its process, successful, unsuccessful
- Mobile charging (where available) plugged, unplugged
- Using a Master Card / Service Card
- System events, error events (shutdown, restart, waiting for repair)
- Login to the remote user interface (ProxerSafe WebAccess)

Alarms (both the start and the end of the alarm situation is logged):

- Fire alarm (can be triggered by front panel key switch and electrical input)
- Tamper alarm (removal, forced door opening)
- Door left open (max. door open time allowed is configurable)
- Key not returned in time (max. key usage period can be set per key)
- Too many unauthorized login attempts (within a short period of time)
- Alcohol testing failed (incl. the cause)
- AC Power lost
- UPS Battery low
- Network connection lost

You can create an on-demand list of events and export them to an Excel file.

Eventlog

Start of query interval: End of query interval:

[Query](#)

Excel export | Column chooser

Event date	Event description	Device	Person ...	Identification	Key name
	ajtózár				
04/04/2022 11:17:48	(511) ajtózár bezárva	Locker			
04/04/2022 11:17:34	(512) ajtózár kinyitva	Locker	Attila	PIN	
04/04/2022 08:53:34	(511) ajtózár bezárva	Locker			
04/04/2022 08:53:15	(512) ajtózár kinyitva	Locker	Attila	PIN	

Page size: 10

Let's look at some common example.

- What events did the person perform with the 14382 key during the given time period? Enter the time interval, key and person name in the filter, then [Query](#): (choose the columns with [Column chooser](#))

Eventlog

Start of query interval: End of query interval:

[Query](#)

Excel export | Column chooser

Event date	Event description	Device	Person ...	Identification	Key name	Cabinet	Key ...
			attila		14382		
17/03/2022 14:17:38	(542) kulcs leadása	KeyModule 01-08	Attila	PIN	Key 705 / 004 14382	KeySafe (reader)	4
17/03/2022 14:16:56	(540) kulcs felvétele	KeyModule 01-08	Attila	PIN	Key 705 / 004 14382	KeySafe (reader)	4
17/03/2022 13:19:04	(542) kulcs leadása	KeyModule 01-08	Attila	PIN	Key 705 / 004 14382	KeySafe (reader)	4
17/03/2022 13:17:45	(540) kulcs felvétele	KeyModule 01-08	Attila	PIN	Key 705 / 004 14382	KeySafe (reader)	4

Page size: 10

- Who picked up / put back keys in the given time period?

Eventlog

Start of query interval: 01/03/2022 00:00:00

End of query interval: 11/04/2022 23:59:59

Query

Excel export Column chooser

Event date	Event description	Device	Person ...	Identification	Key name	Cabinet	Key ...
	kulcs						
17/03/2022 13:13:04	(540) kulcs felvétele	KeyModule 01-08	Attila	PIN	Key 705 / 006 14032	KeySafe (reader)	6
17/03/2022 13:12:45	(542) kulcs leadása	KeyModule 01-08	Attila	PIN	Key 705 / 006 14032	KeySafe (reader)	6
17/03/2022 13:12:21	(540) kulcs felvétele	KeyModule 01-08	Attila	PIN	Key 705 / 006 14032	KeySafe (reader)	6
17/03/2022 08:57:06	(542) kulcs leadása	KeyModule 09-16	Attila	PIN	Key 705 / 007 12012	KeySafe (reader)	14
17/03/2022 08:57:05	(542) kulcs leadása	KeyModule 01-08	Attila	PIN	Key 705 / 008 14539	KeySafe (reader)	8
17/03/2022 08:57:04	(542) kulcs leadása	KeyModule 09-16	Attila	PIN	Key15 12597	KeySafe (reader)	15
17/03/2022 08:57:03	(542) kulcs leadása	KeyModule 09-16	Attila	PIN	Key 705 / 014 11268	KeySafe (reader)	16
16/03/2022 17:53:59	(516) nem hoztak vissza id...	KeySafe (reader)			Key 705 / 007 12012	KeySafe (reader)	
16/03/2022 17:08:29	(516) nem hoztak vissza id...	KeySafe (reader)			Key 705 / 014 11268	KeySafe (reader)	
16/03/2022 15:52:44	(540) kulcs felvétele	KeyModule 01-08	Attila	PIN	Key 705 / 007 12012	KeySafe (reader)	7

Page size: 10

The events are stored in the system's Microsoft SQL database and a text log file – optionally it can be sent to a remote syslog, or a REST server.

Alarms

Events recorded by ProxerSafe Web Access can be defined as alarms (eg, corruption, error, key pick up/return) with administrator rights. Alarm events are collected in the Keysafe / Alarms list and indicated by a pop-up message on the currently open interface. It is advisable to plan in advance and set it up during installation

+ New Edit Delete

Setting alarms

Alarms are handled in the same way as other functions with the + New , Edit , Delete buttons:

- Home
- Keysafe
 - People
 - Right groups
 - Departments
 - Keys
 - Key reservations
 - Eventlog
 - Alarm configuration**
 - KeySafe alarms
- Administration
 - Users
 - Timezones
 - Movement codes
 - Parameters
 - Devices

Alarm settings

User	Movement code	Enabled
DMolnar.Gergely	(507) tamper alarm	<input checked="" type="checkbox"/>
DMolnar.Gergely	(514) fire alarm	<input checked="" type="checkbox"/>
DMolnar.Gergely	(515) door left open	<input checked="" type="checkbox"/>
DMolnar.Gergely	(516) key was not returned in time	<input checked="" type="checkbox"/>
DMolnar.Gergely	(517) battery low	<input type="checkbox"/>
DMolnar.Gergely	(518) power supply is discontinued	<input type="checkbox"/>
DMolnar.Gergely	(519) emergency open	<input checked="" type="checkbox"/>
DMolnar.Gergely	(541) key forced removal from closed key ...	<input checked="" type="checkbox"/>
DMolnar.Gergely	(544) too many unauthorized attempts	<input checked="" type="checkbox"/>
DMolnar.Gergely	(545) servo moving error on keyplace	<input checked="" type="checkbox"/>
DMolnar.Gergely	(540) pick up key	<input checked="" type="checkbox"/>
superuser	(514) fire alarm	<input checked="" type="checkbox"/>

Keysafe alarms

This menu item lists the alarm events that occurred within the given timeframe. The list can be filtered and exported to an Excel file.

KeySafe alarms

Start of query interval: 01/01/2022 00:00:00 End of query interval: 07/06/2022 23:59:59

Event date	Event description	Device	Identifica...	Person n...	Key na...	Event pair
09/03/2022 14:57:19	(514) fire alarm	KeySafe (re...				Date: 09/03/2022 14:57:38, Event: (534) end of alert: fire alarm ...

Administration – Parameters

Parameters can be edited by clicking on the **Edit** button, while highlighting the record, or by double-click.

Please be careful at altering settings and parameters, it can affect the entire system. In case you have any question, please contact the manufacturer/ operator.

ID	Parameter name
<input type="text" value="38"/>	<input type="text" value="SMSCommChannelID"/>
Value	
<input type="text"/>	
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

Setting scale parameters

In case scales are integrated into the ProxerSafe cabinet, the following scale parameters can be set.

- **In a Weapons storage cabinet alarms, email alerts can be set.**
- **AutosafeScale1MaxValue:** setting maximum accepted weight at the primary scale (for weapon)
- **AutosafeScale1MinValue:** setting minimum accepted weight at the primary scale (for weapon)

Please note that by default weight is to be set for weapon without magazine. Also, the physical design of the weapon storage part is to prevent that a weapon with magazine inside is placed in.

- **AutosafeScale1Offset:** for setting tare weight at the primary scale
- **AutosafeScale2MaxValue:** setting maximum accepted weight at the secondary scale (for magazine)
- **AutosafeScale2MinValue:** setting minimum accepted weight at the secondary scale (for magazine)
- **AutosafeScale2Offset:** for setting tare weight at the secondary scale
- **KeysafeSendAlertScale1OutOfLimits:** the cabinet can send alert (to email address if set correctly and to screen) if the placed in object is out of the weight limit (either below or above) at scale1
- **AutosafeEmailTextOfScale1OutOfLimits:** email message text for alert
- **KeysafeSendAlertScale2OutOfLimits:** the cabinet can send alert (to email address if set correctly and to screen) if the placed in object is out of the weight limit (either below or above) at scale2
- **AutosafeEmailTextOfScale2OutOfLimits:** email message text for alert

Parameters

Parameter name	Value
scale	
AutosafeScale1MinValue	0
AutosafeScale1MaxValue	0
AutosafeScale2MinValue	0
AutosafeScale2MaxValue	0
AutosafeScale1Offset	0
AutosafeScale2Offset	0
AutosafeScale1Ratio	1000
AutosafeScale2Ratio	1000
AutosafeEmailTextOfScale1OutOfLimits	Event: Pistol - Weight is out of limit. Current ...
KeysafeSendAlertScale1OutOfLimits	FALSE

ID	10661
Parameter name	AutosafeScale1Ratio
Value	1000
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Setting door opening security parameters

Optional. Email notification for each door opening event can be set. Additionally, in case of failed login attempts the system blocks the door opening for that user for a given period of time.

- **EmailNotification:** for setting email notification at door opening events
- **LockAfterLoginAttemptCount:** number of attempts allowed; reaching the number, the system blocks door opening for a given period of time
- **LoginCountingResetTime:** in seconds; the system will set the counter to zero in given seconds
- **UnLockWaitingTime:** in seconds; time period to enable door opening after blocking door opening due to failed login attempts

EmailNotification	FALSE
LockAfterLoginAttemptCount	0
LoginCountingResetTime	30
UnLockWaitingTime	300

Audit log

Changes made in the system (and creation, deletion) can be tracked, the list can be displayed, filtered and exported with the Audit log:

Audit log

Start of query interval: 01/01/2022 00:00:00 End of query interval: 07/08/2022 23:59:59

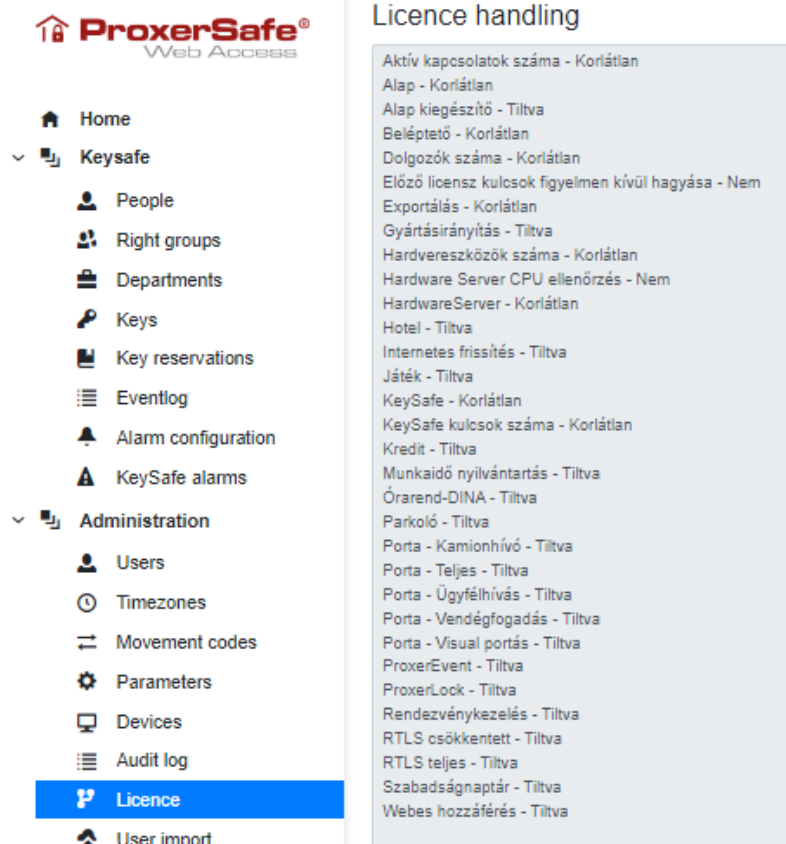
[Query](#)

Show raw data Column chooser

Event time	Operation	Modified by	Table info	Object info	Field info	Old value info	New value info
23/01/2022 00:07:26	Update		Settings	CPUID	Value	000406C3-021...	000406C3-061...
23/01/2022 00:07:25	Update		Settings	HwServerHost	Value		localhost
23/01/2022 00:05:33	Update		Settings	HwServerHost	Value	localhost	
22/01/2022 17:50:08	Update		Settings	MaxReaderCount	Value	120	121
22/01/2022 17:27:14	Update		Settings	MaxReaderCount	Value	119	120
22/01/2022 17:20:52	Update		Settings	MaxReaderCount	Value	117	119

Licence

The License list shows which modules are included in the installed ProxerNet system and how many people are valid. These values are set by the software developers of Procontrol and can be viewed here with the appropriate permissions:



ProxerSafe Web Access

- Home
- Keysafe
 - People
 - Right groups
 - Departments
 - Keys
 - Key reservations
 - Eventlog
 - Alarm configuration
 - KeySafe alarms
- Administration
 - Users
 - Timezones
 - Movement codes
 - Parameters
 - Devices
 - Audit log
 - Licence**
 - User import

Licence handling

- Aktív kapcsolatok száma - Korlátlan
- Alap - Korlátlan
- Alap kiegészítő - Tiltva
- Beléptető - Korlátlan
- Dolgozók száma - Korlátlan
- Előző licenz kulcsok figyelmen kívül hagyása - Nem
- Exportálás - Korlátlan
- Gyártásirányítás - Tiltva
- Hardvereszközök száma - Korlátlan
- Hardware Server CPU ellenőrzés - Nem
- HardwareServer - Korlátlan
- Hotel - Tiltva
- Internetes frissítés - Tiltva
- Játék - Tiltva
- KeySafe - Korlátlan
- KeySafe kulcsok száma - Korlátlan
- Kredit - Tiltva
- Munkaidő nyilvántartás - Tiltva
- Órarend-DINA - Tiltva
- Parkoló - Tiltva
- Porta - Kamionhívó - Tiltva
- Porta - Teljes - Tiltva
- Porta - Ügyfélhívás - Tiltva
- Porta - Vendégfogadás - Tiltva
- Porta - Visual portás - Tiltva
- ProxerEvent - Tiltva
- ProxerLock - Tiltva
- Rendezvénykezelés - Tiltva
- RTLS csökkentett - Tiltva
- RTLS teljes - Tiltva
- Szabadságnaptár - Tiltva
- Webes hozzáférés - Tiltva

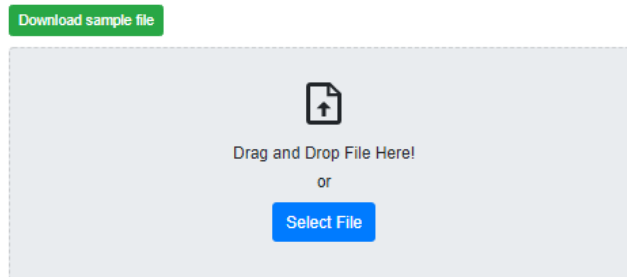
Administration – User import

At *Administration/ User import* the data of the cabinet users can be uploaded at initial operation or later at bunch upload.

Click [Download sample file](#) to download a sample file.

Fill in the necessary data and save the file keeping the .csv format, UTF-8 coding (! to keep special characters) to your computer

Upload it by choosing the [Select File](#) button and selecting the file from the computer – or by drag-and-drop:
 Import people




The data to be uploaded appear on the screen. These data can be modified or deleted row by row, *Rows marked with red* mean that the reference number already exists in the database.

Rows marked with yellow mean that the PIN or reference number is recurrent in the data import file.

These data rows should be checked and corrected or deleted as needed.

Import people

1 file uploaded 100%

 person_import_Test-5UTF8.csv 277 bytes

Legend	
	The reference number already exists in the database
	Incorrect PIN code, see "Error" column for details

<input type="checkbox"/>	Reference number	Name	Card number	Phone number	Email address	Date of entry	Leave date	Right level	PIN code	PIN code type	Error	Edit
<input type="checkbox"/>	01006	Mike Oakland			mo@cegем.еu	2/28/2022		User		Normal PIN code: valid without identification		Edit
<input checked="" type="checkbox"/>	01010	Charlie Angels			ca@cegем.еu	2/28/2022		User	1,234	Normal PIN code: valid without identification	The complexity of the PIN code is low! It can't contain only same numbers or an ascending/d... sequence.	Edit
<input checked="" type="checkbox"/>	01011	Répási Őrs			ro@cegем.еu	2/28/2022		User		Normal PIN code: valid without identification		Edit

[Import](#)

When all data rows are corrected, the actual import can be started by clicking the **Import** button (bottom-left corner). Here you can see the newly imported KeySafe users:

People

Reference number ↑	Name	Person type	Right level	Department
10				
00010	Benedict Bolemann	Internal	2	Sales-new
01001	Mikulas Nikol	Internal	Supervisor	
01002	Mak Virag	Internal	User	
01003	Kis Alfred	Internal	User	
01005	Nagy Elefánt	Internal	User	
01006	Béla József	Internal	User	
01007	Takács Gáspár	Internal	User	
01008	Móka Miki	Internal	User	
01009	Mike Oakland	Internal	User	
01010	Charlie Angels	Internal	User	
01011	Répási Őrs	Internal	User	

In case recurrent reference number is found by the program, so the highlighted (red, yellow) rows have not been corrected properly, you may leave out that user **Skip people**, or overwrite the existing data by **Overwrite people**, or even **Abort** the process, return and edit the data.

Confirmation

The following reference numbers are already exist in the system:
01003

Skip people
Overwrite people
Abort

If there isn't any error message and all records return to display as red ("The reference number already exists"), You can see the message at the bottom: "Selected people imported successfully!"

Import people

1 file uploaded

100%



person_import_Test-5UTF8.csv
Uploaded

277 bytes

Legend	
	The reference number already exists in the database
	Incorrect PIN code, see "Error" column for details

<input type="checkbox"/>	Reference number	Name	Card number	Phone number	Email address	Date of entry	Leave date	Right level	PIN code	PIN code type	Error	Edit
<input type="checkbox"/>												Clear
<input checked="" type="checkbox"/>	01009	Mike Oakland			mo@cegем.eu	2/28/2022		User		Normal PIN code: valid without identification		Edit
<input checked="" type="checkbox"/>	01010	Charlie Angels			ca@cegем.eu	2/28/2022		User		Normal PIN code: valid without identification		Edit
<input checked="" type="checkbox"/>	01011	Répási Örs			ro@cegем.eu	2/28/2022		User		Normal PIN code: valid without identification		Edit

1

Page Size: 20

Import

Selected people imported successfully!

PROCON
ELECTRONICS

Standalone and multi-cabinet systems

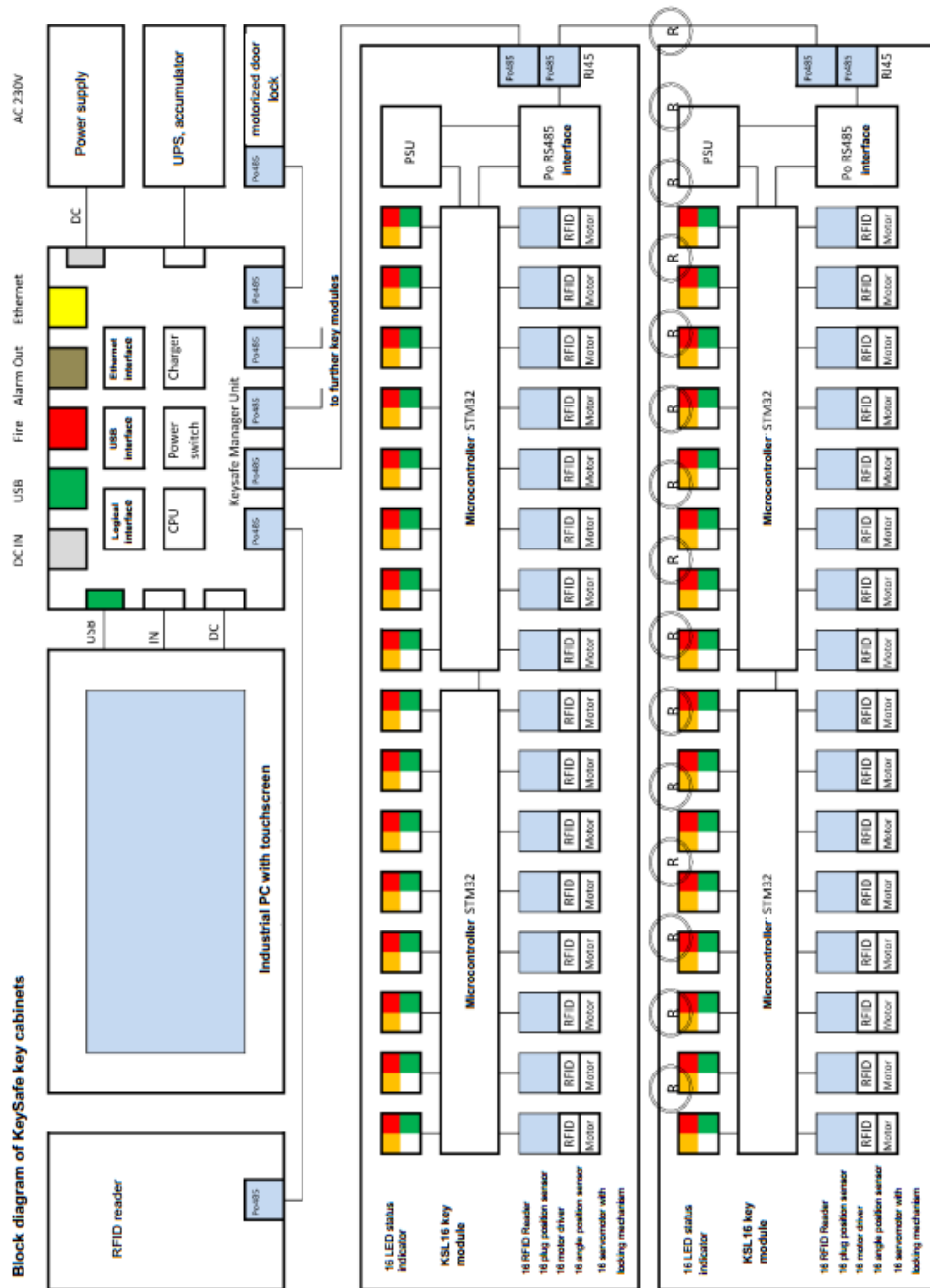
In this chapter, we briefly outline the possible architecture of the KeySafe, ProxerSafe system for intelligent key and value storage.

In terms of hardware:

Each cabinet has an 8" touch screen computer running a standalone Windows 10 operating system with an Ethernet TCP / IP RJ45 network interface.

The cabinet components (RFID card reader, cabinet door lock, 8 and 16 key storage rack modules) are connected to this built-in computer via a serial RS485 communication bus.

The cabinets have a built-in uninterruptible power supply and a power distribution system.



In terms of software:

- A module called **KeysafeGUI** runs on the touch screen of the cabinet and keeps in touch with the user; displays cabinet status, key names, key search possible, etc. It is also related to the HWServer and the database.
 - It is also possible for users with administrator rights to change permissions and display events, but this is only recommended on small systems due to physical limitations (screen size, lack of keyboard).
- A module called Keysafe HWServer runs as a Windows background service and controls the hardware devices in the cabinets (door lock, key modules, RFID reader) based on the database, and records the

events in the database and communicates with the KeysafeGUI interface. It does not have an user interface.

- The system stores master data and transaction data in a Microsoft SQL Server database manager (we recommend using 2017 or later if required - in stand-alone mode with local and central synchronized databases): Microsoft SQL Server Standard or Enterprise on the server, Express or WebEdition is not sufficient, 2017 or later)
- Client - option:
 - **ProxerSafe WebAccess:** modern, future-proof web interface that does not require installation.



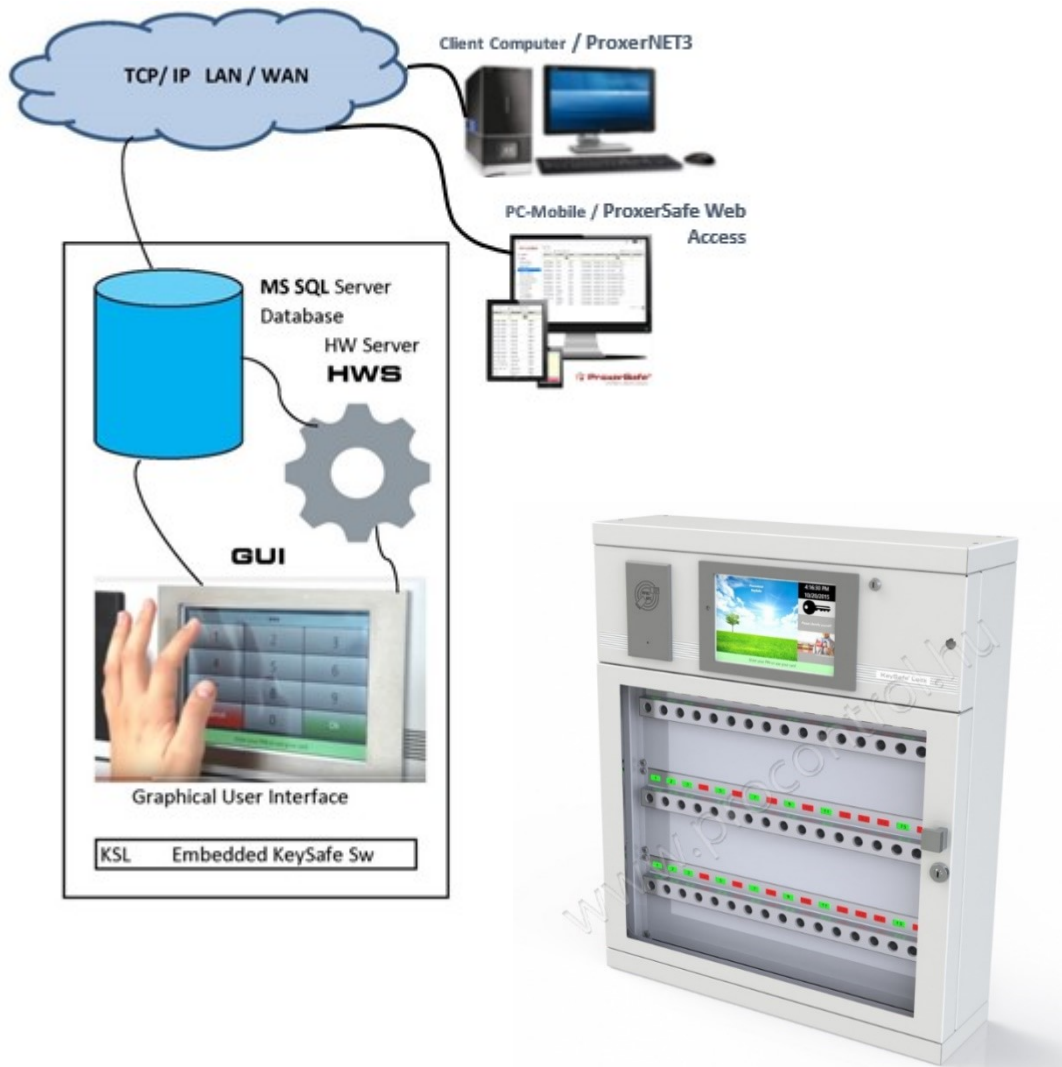
- Provides Remote Management Access via a web browser (besides the built-in touch screen interface on the cabinet).
- Master data editing: users, keys, key access rights
- View event log
- Reserved bookings can be added e.g. On the 10th from 8 am to 4 pm I will book the meeting room key (Others cannot pick it up, even if they are authorized)
- Setting up alerts (via email, optionally via SMS): eg if the key is not returned in time
- Operation settings, e.g. request mileage when handing over a car key, etc..

- **ProxerNet software:** the system is managed by the KeySafe module of an advanced multi-user Windows client called ProxerNet, where master data (persons, keys, rights assignments) can be viewed, edited, and key events can be tracked and printed. We recommend that you install this program on your computer. The software only connects to the MS SQL database. This program cannot be used on the cabinet touch screen. Also available on Microsoft and Linux.
- The key cabinet (system) can be integrated with an access control system, both the ProxerNet Keysafe Windows module and ProxerSafe Web Access. Ask the Manufacturer/Distributor about the possible levels of integration.

Possible methods of operation of cabinets

- **Standalone (Not practical for multi-cabinet systems)**
 - all three software components (KeysafeGUI, HWServer, database server) run independently on the cabinet computer
 - Master data about client programs must and can be connected to the cabinets separately, queried and maintained
 - this version is capable of offline operation (works even if all connections to the cabinet are lost)

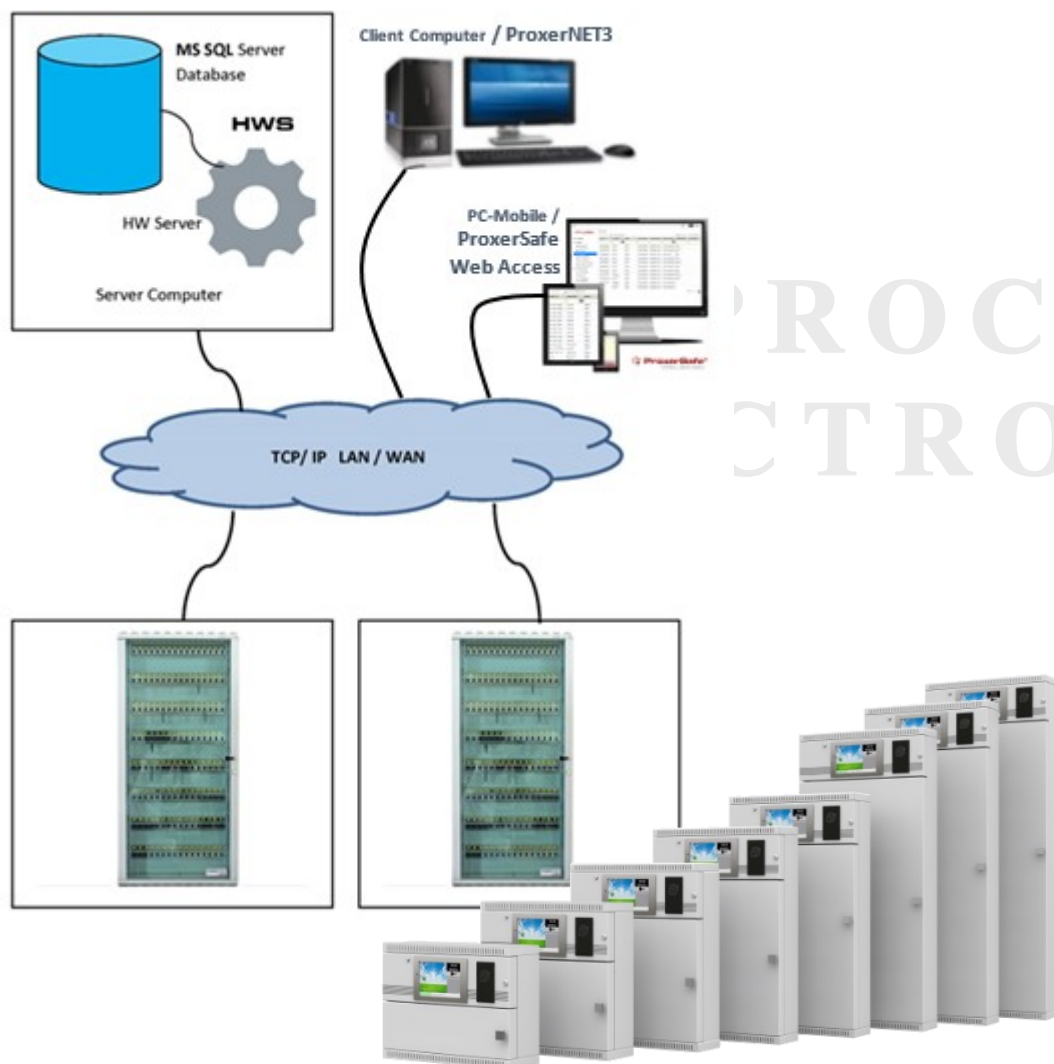
Connecting to a standalone cabinet: To access the service, enter the name of the key cabinet (eg KSL64-123456) or IP address (eg 192.168.0.53) in the address bar of the browser.



- **Central server controlled operation**
 - (only the display layer (KeysafeGUI) runs on cabinets if there is a built-in touch screen)

- the HWServer service runs on an external Windows server computer (can be on a virtual machine) and the MS SQL database (can be on a separate machine)
- Common database: Each cabinet uses common master data and event logs
- Requires a continuous TCP / IP network connection between the cabinets and the server
- If the connection to one of the cabinets is lost, the cabinet will not be able to access the common database and HWServer service, so it will not work.

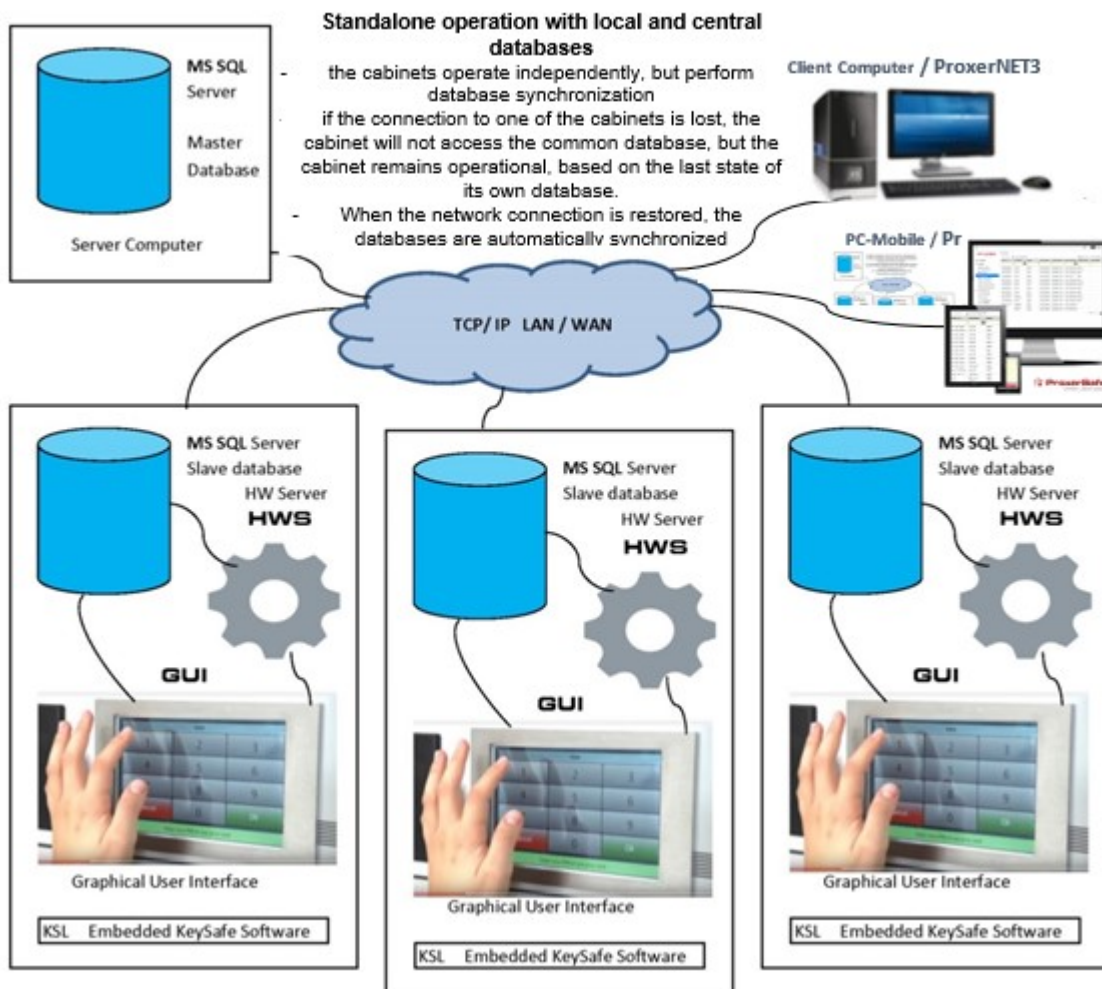
Connect to a central server: You can connect to the server (or master cabinet) by entering the host name or IP address. All keys and users in all cabinets in the system can be managed through WebAccess (via the server).



- **Standalone operation with local and central synchronized databases**
 - the cabinets operate independently, but perform database synchronization (data exchange) synchronized with the central database.
 - if the connection to one of the cabinets is lost, the cabinet will not access the common database, but the cabinet remains operational, based on the last state of its own database.
 - When the network connection is restored, the databases are automatically synchronized

Prerequisite for "Standalone operation with local and central synchronized databases" mode of operation:

- a Windows server computer (either virtual or shared) with a TCP / IP connection to KeySafe cabinets
- Standard (or more extensive, eg Enterprise) version of Microsoft SQL Server 2017 (or later) software (Express or Web Edition is not sufficient), and it has the central KeySafe database on it
- providing access to the MS SQL database manager:
 - remote access via Internet, login name / password
 - full read / write authority, database backup / restore and full replication management
 - we also need read / write permissions to a local disk folder to save / restore the database



ProxerSafe REST Server API, for third-party systems

The purpose of the ProxerSafe REST API is to provide a direct-to-control REST web service interface for controlling Procontrol Keysafe / ProxerSafe products with third-party software. With the API, all parts and operation of the cabinets can be monitored and controlled via the REST protocol (HTTP commands).

This API can be used in two modes (if necessary, both modes in parallel):

- as REST Server:
 - Waits for incoming HTTP REST client requests (description in a separate document)
 - This operation can be tested with a web browser
- as REST client:
 - In addition to being a REST server, it can optionally act as a REST client: it connects to a remote REST server, sends events, and receives commands in response
 - Able to send Keep-Alive events on a regular basis
 - If the cabinet remains open for a specified time (max. time specified), it closes automatically

Contact the manufacturer for more information.

GDPR-Compliance - Anonymization of personal data

This function can be optionally requested / set: during the Delete User function, the personal data of the user marked for deletion will be irretrievably deleted in the stored database (and in the backup to be prepared), in accordance with the provisions of the law on the GDPR, Act CXII of 2011.

Logout

To leave the web interface use the „Logout” button. (Closing the window, the user gets logged out as well.)



Contact with the manufacturer

Feel free to contact us if you have any questions about the installation process or about using the hardware or software.

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Please send us your enquiries and problems in detailed written form. Thank you.