Keytracker
Key Management Systems

Contents

Operating Principle: plus system

The key plus system is the answer to your key questions:

| Identify user → Unlock cabinet → Log data | Who, removed, returned which key, When? |
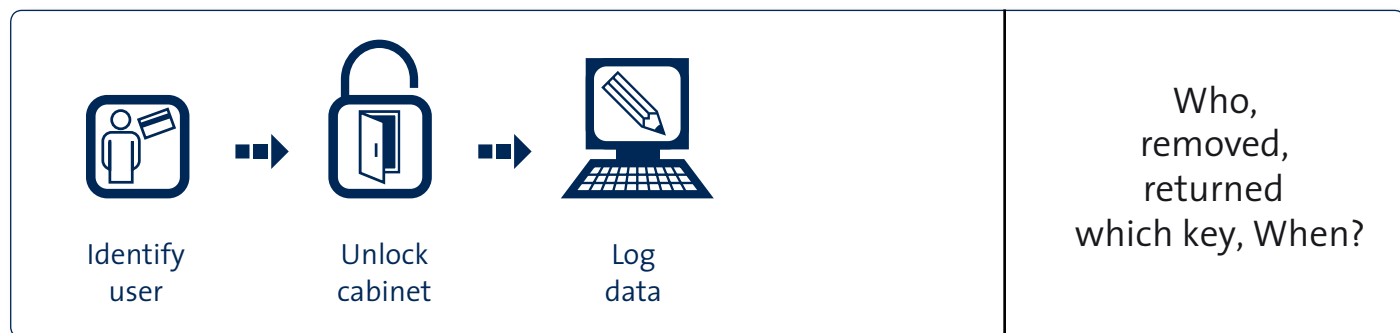
The key **plus** system is optimised for the simple and efficient management of large numbers of keys.

Operating Principle: secure system

The key secure system controls your key areas:

| Identify user → Unlock cabinet → Unlock key → Log data | Who has permission to remove specified keys, at certain times? |
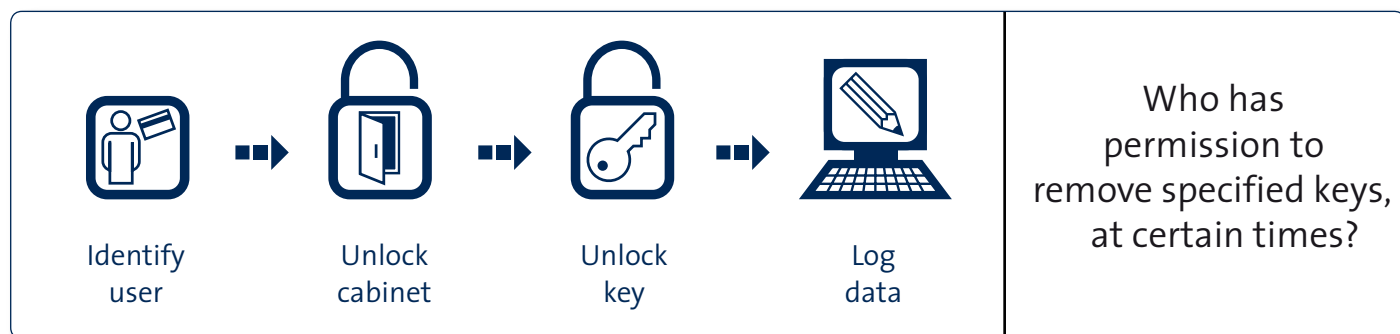
The key **secure** system with individual locking is designed for the secure management of keys in sensitive and high-risk company sectors.

KEY TRACKER®

Features

- The software is available for Windows, as well as a Web based application. There is **no restrictions** to the number of users and **no annual license fee.**

- MSSQL (Standard), Oracle or MySQL may be utilised as a SQL-Database.

- Access to keys is achieved via PIN, RFID (various protocols, such as Legic, Mifare,HID) and the newest biometric methods. Any method may be integrated on request.

- Communication between the Server and the systems is by cable or wireless network. Phone connections , such as ISDN or GSM, can also be integrated.

- Add-on modules allow complete company integration, for example: Booking module, Fleet module, Access module, Trip Planning and Emergency module.

- On request we will gladly integrate our system into your existing structures, from data import- and data export scripts up to the complete control of our system through third-party software by means of a standardised OPC-interface.
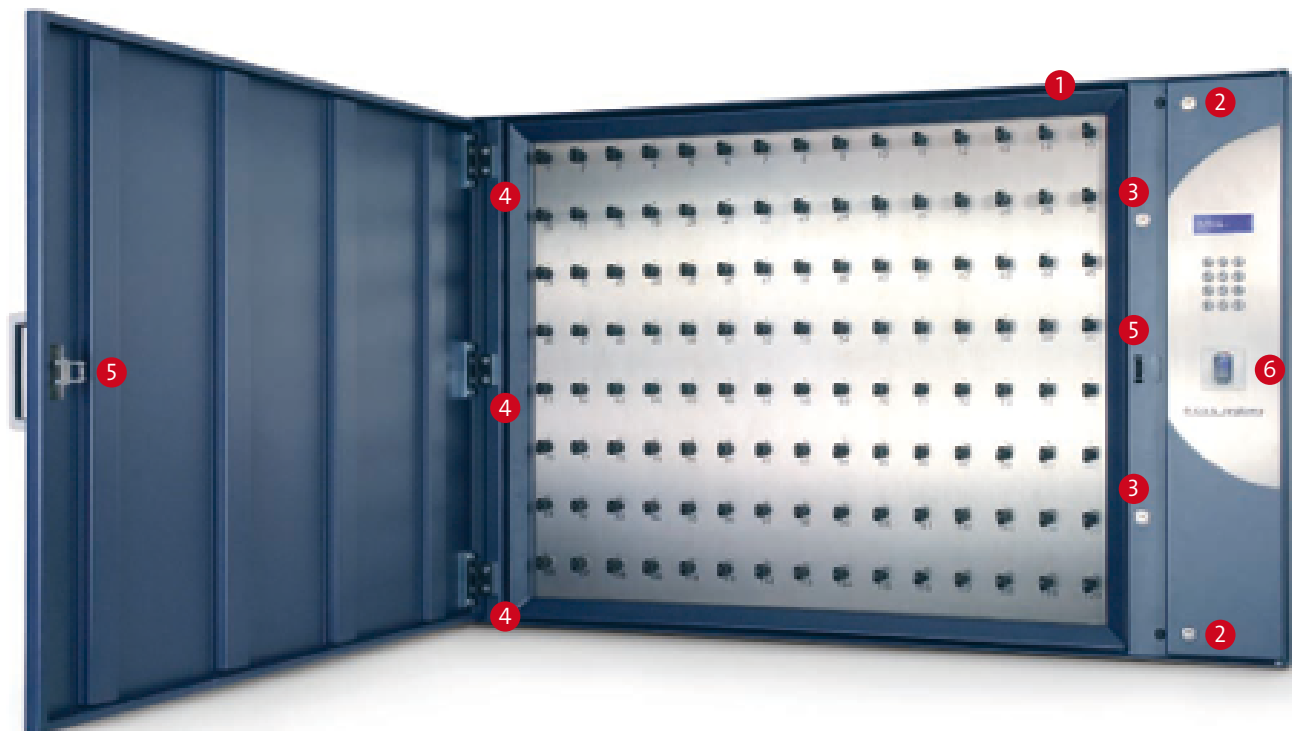
Security Features

1. Compact solid steel housing with integrated control unit – no open or recessed points of attack
2. Mechanical emergency door release
3. Mechanical emergency release for locked slots
4. Internal hinges – increased burglary protection
5. Special security lock with 2 contacts for "closed" and "locked"
6. Integrated biometric access control or PIN with RFID-Card

- Emergency power supply by battery charger circuit and Lithium backup battery on the motherboard
- Various optical and acoustic alarm messages are possible onsite and can be reported to the server and sent as e-mails.
- More than 20 different alarms can be activated, such as forced door, console open, unauthorised plug withdrawal, interrupted communication, power failure, system restart, 3 failed authorisation attempts, silent alarm, battery operation, critical battery status, etc.
- Up to 4 alarm zones may be activated over potential-free alarm contacts (output to Security Office or Police and Fire Department)
- 4 extra alarm zones may be integrated as input signals
- Mechanical emergency release as a last resort, access by key only, no tools required
- Emergency locks replaceable with customer supplied cylinder locks

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Quality Features

- Highly available, extremely stable processor with complete "stand-alone"-functionality

- User and/or key management is possible at the cabinet, including query of the event log

- Over 10.000 actions, 1.000 users und 100 user groups storable, expandable on request

- Robust alphanumeric aluminum keypad with background illumination, particularly suitable in low light situations

- Clear blue 4-line LED-Display with 20 characters per line

- Steel blue micaceous iron oxide lacquer with stainless steel cover

- High-quality stainless steel key panel

- Integrated stainless steel-fingerprint scanner in award-winning design

- Proven Plug-Slot technology refined with 20 % gold to insure the best contact, corrosion free

- The metal guide and metal plug are designed for frequent use over many years with a 5 year guarantee for the ID-plug
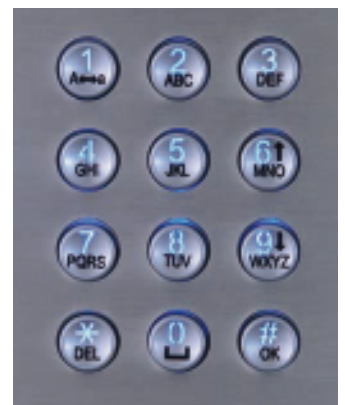
ID-Plug Options

## For key plus

1 ID-Plug, Non-locking

For key secure

2 ID-Security-plug, with locking

3 ID-Stainless steel-plug, locking or key-ring

4 ID-Stainless steel-plug, locking for single key

5 YEARS
ID-PLUG
GUARANTEE

Seal Variants

For secure attachment of ID-plugs, single use, with engraved serial number

5 Standard seal, suited for ID-standard plug

6 Security seal, for large bunches of keys, suited for ID-security plugs

7 Key wires, elastic, suitable for stainless steel plugs, Ø 30 mm, 40 mm, 50 mm, 70 mm, 90 mm

8 Key rings, 4 mm stainless steel, Ø 30 mm, 40 mm, 50 mm, 70 mm, 90 mm, suitable for stainless steel plugs

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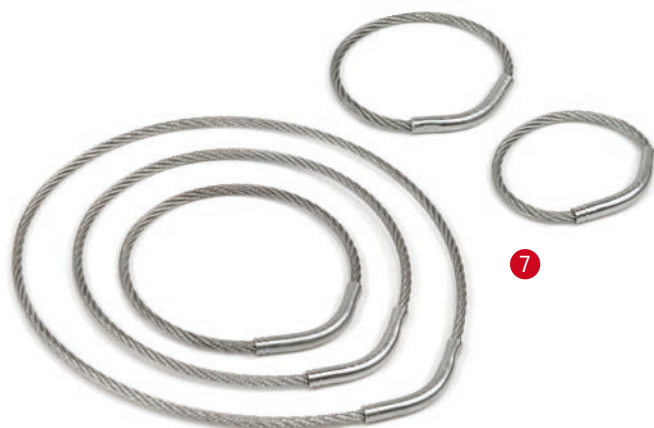
Door Options

1. Steel door, closed cabinet (Standard)
2. Open, for ecos secure systems only, for quick access
3. Roll-up door, for secure automatic closure (for any size cabinet)
4. Steel door with polycarbonate inspection window
5. Double doors (freestanding, both sides), for a high storage capacity of up to 960 keys

Key secure 80 (Sv)

5 x secure 240 w (XL)

*Key secure 120 w (L)*

Key secure 40 w (Sh)

Key plus 960 (XXL)

Size and Number of Slots

Size	Number of Slots standard	wide	appr. Size mm (B x H x T)
XXS	20	10	650 x 340 x 190
XS	40	20	670 x 480 x 190
Sv (vertical)	80	40	660 x 840 x 190
Sh (horizontal)	80	40	980 x 480 x 190
M	120	60	980 x 680 x 190
L	180 240	90 120	1260 x 840 x 190
XL	360 480	180 240	1240 x 1670 x 190
XXL (double door)	720 960	360 480	1220 x 1900 x 370

- 8 different cabinet sizes are available
- From 10 to 960 keys per cabinet
- Any desired number of key-slots available through deactivation of unnecessary positions.
- Onsite personal activation is possible at a later date by entering an activation code, opening of the system or use of a service technician is unnecessary.
- The wide version is available for larger bunches of keys

Key secure 40 (XS)

standard   wide
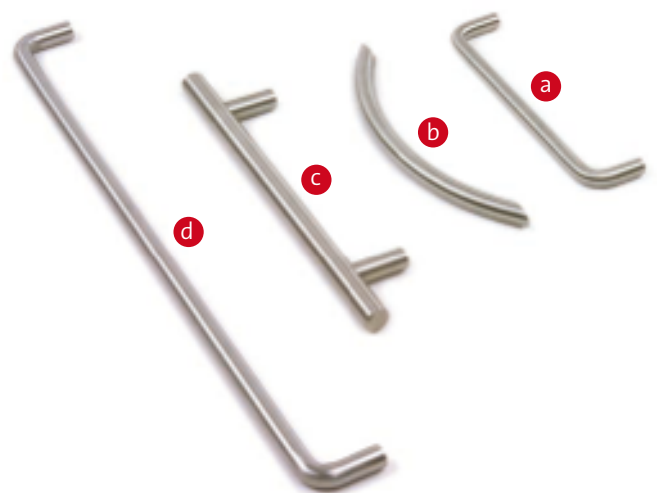
KEY TRACKER®
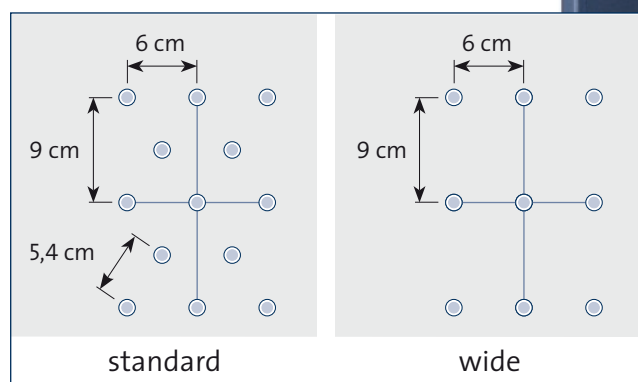
Design

Stainless steel cover

A "ambient-line"
This version "cuts" corners

B "elegant-line"
The modern version for public spaces

C "classic-line"
The quiet rounded off alternative

D "technic-line"
The technical, serious, functional design

Other unit colours available
on request.

XL

L

M

XXS

Choice of High-Quality Handles

- The angular aluminium handle (Standard)
- The functional stainless steel handle – short **a**
  or long **d**
- The elegant stainless steel handle **b**
- The extravagant stainless steel handle **c**
- Additional handles of other materials or forms
  available on request

Exit Barrier with Trafic-light entry

The linking of an exit barrier to the Keytracker Controller allows the use of information from the key management system to achieve better monitoring.
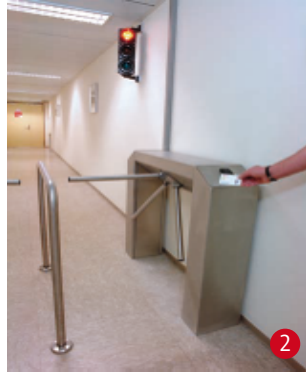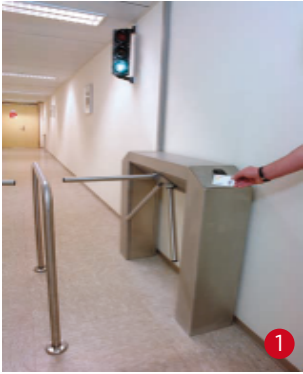
1 Exit is allowed, all keys have been returned

2 Exit is refused, all keys have not yet been returned

Exit Loop Systems with Audible Alarms

Loop systems installed around exit doorways restrict key bunches leaving site. RFID fobs secured to each key bunch ensure no set of keys can leave site without sounding the alarm. Systems can be stand alone, linked with security control rooms and building alarms

Site exits are not physically restricted in case of emergency

Access Control Unit

Keytracker management system can additionally be used as an access control unit for up to 10 access terminals for various doors.

Suitable for contact-free readers, such as Mifare, Hitag, EM 4102 , Legic, HID, as well as the most advanced biometric readers, such as fingerprint and vein readers.

Your Advantages:

- Simultaneous usage of the user database and the application program for key management systems or safety deposit units

- Available as a Windows and as a Web based application, also jointly usable

- May be combined with the ecos software module for time registration "ecos time" and the room reservation module "ecos reserve"

- Simple linking to the controller with a RS-485-network

- Up to 4 alarm zones – Output

- Up to 4 alarm zones – Input

- Integrated emergency power supply for reader units and electronic locks regulated by the control unit of key management system

KEY TRACKER®

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