

keylezz[®]

Electronic furniture locks

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Electronic furniture locking systems

Solutions with fixed assignment

> I have been assigned one or more lockers

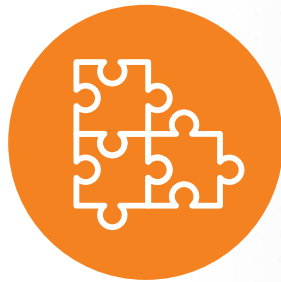
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Solutions with fixed assignment

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Two variants



1. networked systems

- 1.1 Network on Card
- 1.2 OSS Network on Card
 - 1.2.1. Complete OSS system
 - 2.1.2 OSS components for third-party systems



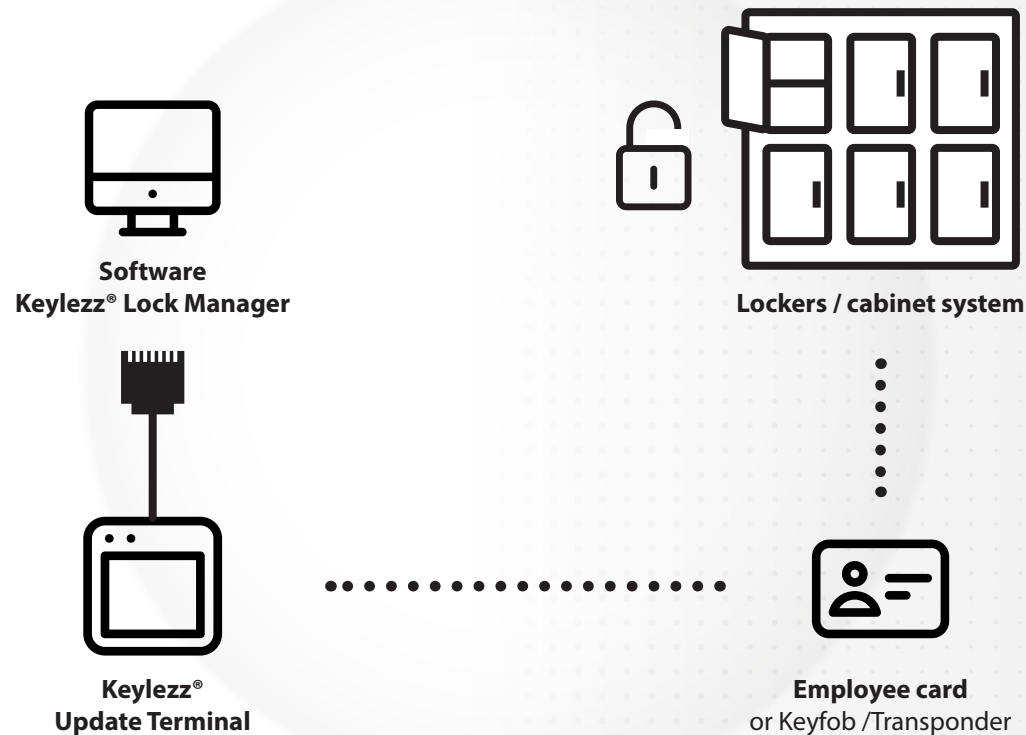
2. stand-alone systems

- 2.1 Card programming
- 2.2 Smartphone system
- 2.3 Software system

Network on Card

Networked systems

Short description



In the **Keylezz® Lock Manager** software, all users and locks of the system can be managed. Authorization for one or more locks can be assigned or revoked very easily.

Information is exchanged from the software to **the Keylezz® update terminal** via LAN or W-Lan - between the terminal and the lock via the user cards. In addition to authorizations, battery statuses, log files and certain error messages are also exchanged.

Although the locks operate wirelessly and are battery-supported, they are still connected in a network, the network on card. Authorizations are always bound to a freely definable authorization period (e.g. 12 h). After that, the user must renew his authorization again at the update terminal.

During this process, the information from the lock (e.g. battery status) is also transferred to the software. This ensures that authorizations and information are always up to date and, for example, cannot be used later if the card is lost. In the event of certain events (e.g. low battery), e-mails can be sent to the user or the administrator.

Network on Card

Networked systems

Requirements

- ▶ There must be memory of approximately 400 Kbytes available on the card so that the application can be applied to the card to transmit the information. One user / card could lock multiple lockers / locks as there is no feedback to the card.
- ▶ **Keylezz® Lock Manager** software requires a server.
- ▶ One or more update terminals must have access to the server running Keylezz® Lock Manager.

Extensions

- ▶ **Integration with customer's leading system**
In addition to complete management from **Keylezz® Lock Manager**, the system can also be used as a background system. In this case, an exchange takes place from the leading system, e.g. the access control, personnel management or similar, via interfaces or service, which users should have authorization to which locks. The user only sees the leading system and can operate the complete furniture locking system from it.
- ▶ **Graphical views of the lockers**
For a better overview, which lockers are currently occupied and which are still free, graphical representations of the system can be used, which show this. Occupied lockers are displayed in red, free lockers in green.
- ▶ **Web page for evaluation**

Advantages

- ✓ Complete management and access system
- ✓ Completely flexible location of the locks, as they are not wired
- ✓ Very low administration effort
- ✓ Simple granting and withdrawal of authorizations
- ✓ Complete system control, overview of usage and battery levels
- ✓ System can be completely integrated into leading access control or personnel management system

Network on Card

Networked systems

Components

Keylezz® furniture locks



Keylezz® Turn



Keylezz®
latch lock

Keylezz®
Outdoor antenna
(optional)

Keylezz® Terminal



Keylezz®
Update Terminal



Keylezz®
Lock Manager

(Software)



Master Card

for emergency opening
(e.g. in case of card loss)



Keylezz®
Smartphone App

- Configure and name the locks e.g. lock 001, 002 etc.
- Log files, battery status and error messages to be read out directly at the lock, in addition to the selection in online mode.
- Emergency opening via smartphone (instead of master card)

Network on Card

Networked systems

User recommendation

The **Network on Card** with concrete user assignment is recommended when ...

- ✓ ... More complex requirements are placed on the system
- ✓ ... The administrator wants to combine full system control and even
- ✓ ... wants to combine little administration effort
- ✓ ... as soon as a system with concrete user assignment exceeds 100 locks
- ✓ ... if the installation is to be controlled by a leading system
- ✓ ... Cards can be written on the cards
- ✓ This system can be used anywhere if the system requirements are met

