

# ASSA E-Motion

Software

Locking plan

	Locker Ladies	Locker 11	Locker 12	Locker 13	Locker 14	Locker 15	Locker 16	Locker 17	Locker 18	Locker 19	Locker Men	Locker 1	Locker 2	Locker 3	Locker 4	Locker 5	Locker 6	Locker 7	Locker 8	Locker Staff	Skåp 20	Skåp 21	Skåp 22	Skåp 23	Skåp 24	Skåp 25
<b>Admin</b>																										
Thomas Eriksson																										
<b>Personal</b>																										
Anders Nyzell																										
Hans Ringkvist																										
Håkan Daniels																										
Kjell Eriksson																										
Robert Fredriksson																										
Sonny Ode																										
Ulf Petersson																										



## Scope

ASSA E-Motion System is an off-line access control system with a so called "Update on Card" function. It is based on battery powered electronic cabinet lock which is mounted directly on the cabinet door. Update on card means that the card sends information between cabinet lock and software. The E-Motion system is controlled by cards or tags with a contact less Mifare chip for reading and writing (13.56 MHz). The information is encrypted in different sectors and can not be read by unauthorized persons. You can choose which sectors you want to use, so it is possible to combine the E-Motion system with other applications that use the same Mifare technology.

The software can program the cabinet locks to be assigned to predefined users or to be free for any authorized user in the system. In the free choice mode the user can choose any cabinet in the installation. Once the cabinet lock and the tag has been introduced, the user tag cannot lock another cabinet and the chosen cabinet will only open to the tag that locked it. The cabinet lock will remain a part of the locking matrix also in the free choice mode so it can still be assigned a specific user in order to be able to create for example staff cards to easily manage the installation. It is also possible to let the cabinet lock open automatically at a given time.

The E-motion system can easily be upgraded to an ASSA Smartair System. The Smartair system can handle both escutcheon locks and cabinet locks, allowing control of both doors and lockers in one software

A complete installation of the E-Motion System includes the following components:

### At the door:

E-Motion cabinet lock.  
If chosen, TCP / IP connected Update module.

### User:

Mifare contact-free card or tag, 13.56 MHz, 1 k or 4 k.

### To administer the system:

- E-Motion Software
- System code
- Authorization Key
- Programming Unit
- Encoder

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# ASSA E-Motion

## Software

### Storage Capacity

The information about who should have access to where and when is placed in the software and then transferred to the cabinet locks via the programming unit.

The E-Motion software can handle up to 65 000 persons and an unlimited number cabinet locks. Each cabinet lock can handle up to 1 500 pre-defined users or any number of people at the free choice of cabinet. Since authorization and timetable is programmed in the cabinet lock, you can change this information without having to reprogram the cards / tags. Change in authorization is transferred to the cabinet locks via the programming unit or the with the user tags. This information is transferred from the software to the tag when the tag is re-encoded or validated.

### Installation

An installation of an E-Motion system contains the following elements:

- Assembly of the E-Motion cabinet lock on the cabinet.
- Set up of people, cabinet doors and, if chosen, timetables in the E-Motion software.
- Programming the E-Motion cabinet lock with the programming unit.
- Coding of cards / tags to the people who should have access.

### Description

- No wiring in the cabinet.
- Up to 65 000 people in the system.
- Unlimited number cabinet locks in the system.
- Up to 1 500 persons / door or free choice of cabinet.
- Software designed as a locking plan.
- Easy administration.
- 5 levels of operator.
- Single installation or network installation via TCP / IP.
- Unlimited number of clients.
- Assignment of people and doors in groups and areas.
- 14 authorization categories with 5 intervals each.

- 16 door categories, with 21 time controls each.
- Calendar, summer / winter.
- Event Log with up to 1000 openings / attempted openings
- System Log with the functions performed in the system
- Report Function – Print of cabinets, users and authorizations.
- Cancelling card - when a new card is programmed to a person who lost his card, the old card will automatically be cancelled once the new is used.
- Update of authorization through card / tag via on-line updater.
- Free choice of cabinet mode – allows the user to choose which cabinet to use within the system.
- Logs on card / tag.
- Battery Warning on card / tag.

### System Requirements

The computer must have an available serial COM Port for coders and the programming unit. If using a computer without serial port, you can use the USB converter supplied with the software. The software can be installed as a single installation or on a network with unlimited clients. The software works with the most common operating systems: Windows 98, 2000, NT, XP.

If there is a need to install on Vista, please contact ASSA OEM Support because it requires special installation routines.

### Minimum PC

- Pentium III, 128MB RAM.
- 640 x 480 display, 256 colours.
- >30 MB available disk space.
- 1 Com port for the encoder and programming unit (or 1 port for each device).
- 1 parallel port (printer port) unless a network printer is available.
- For Windows NT: Service Pack 6a or later.



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Artiklenr	Title	Content
363806 100 000	E-Motion Management Kit	Software, E-Motion license, authorization key, coders, programming unit, USB-adapter, cables.
363807 100 000	E-Motion License	License and Authorization Key