ELS RFID
SYSTEM DESCRIPTION

Improves your service & facility management.

Use electronically controlled lockers for pols, fitness centres, ski resorts, hotels, schools, shopping centres, universities, hospitals, etc.

Can be used with storage lockers for sport, work & personal belongings.

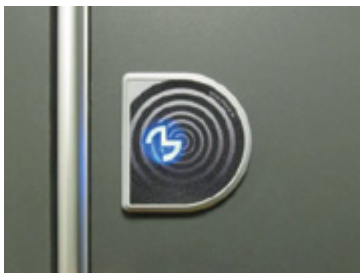Existing RFID cards can be used as a Locker Key.

Alarm in case of locker break-in.

Other Metra devices can be easily integrated into the system.

FIELDS OF APPLICATION

Metra ELS is a simple system for locking / unlocking the lockers with RFID (Radio Frequency Identification) media. It is used wherever there is a need for electronic locking. It has been built in in several pools, sports halls, SPA, fitness and wellness facilities, schools and colleges, offices, factories, etc.
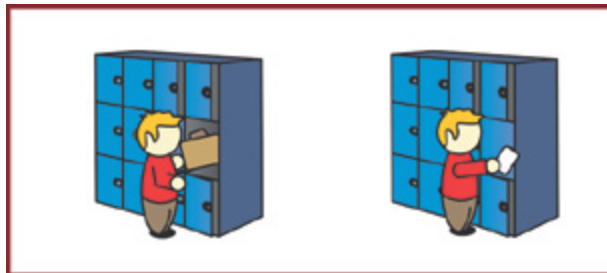
RFID media is usually in the form of cards and bracelets or it can also be in the form of different pendants, watches, etc. The system is open, meaning that we can use existing cards for access control or "Loyalty" cards to lock the locker. The system can be upgraded with Metra access control devices.

User interface

Each locker has its own reader and a signalization light that serves as a user interface.

HOW THE ELS SYSTEM OPERATES

Locking the locker

The user selects any free (open) locker. He closes the chosen locker door, and while build-in signalization light is flashing he approaches the RFID media to the reader. Signalization light turns ON when the locker is sucessfully locked.

Unlocking the locker

User approaches the RFID media to the reader. When the media is recognised as valid the locker door opens.
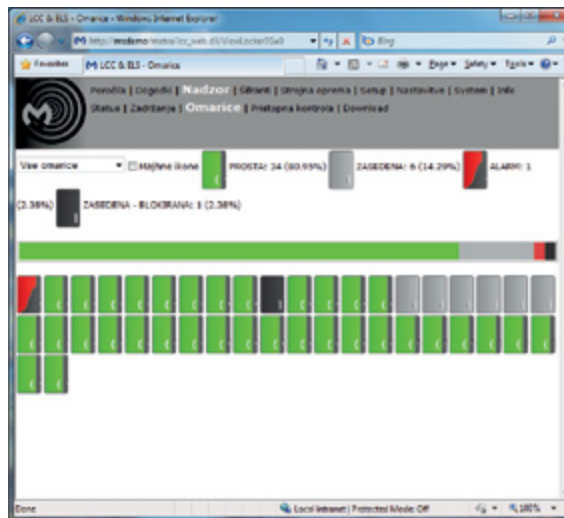
Security features

- Master key for system administrators. Master keys allow opening of any locker or group of lockers.
- Pushbutton for emergency opening all, to particular device, connected lockers is integrated on the Electronic Lock Controller RFID.
- Remote opening of any locker from PC workstation (just with Metra software).
- Alarm in case of locker brake-in.

METRA SOFTWARE (OPTIONAL)

By using Metra ELS software we gain following functionalities:

- Locker occupancy monitoring from any computer connected into LAN network and equipped with Metra software.
- Management of »master« keys through Metra software.
- Faster and easier setting of parameters for devices.
- The possibility of remote unlocking through software.
- The possibility of unlocking all lockers at a pre-set time.
- Alarm in case of brake-in.

»Metra ELS White List« can be included into the system; it only allows use of RFID media that has been previously added to the white list. By using a white list we prevent the usage of other unwanted RFID media that the guests could have brought inside the facility.
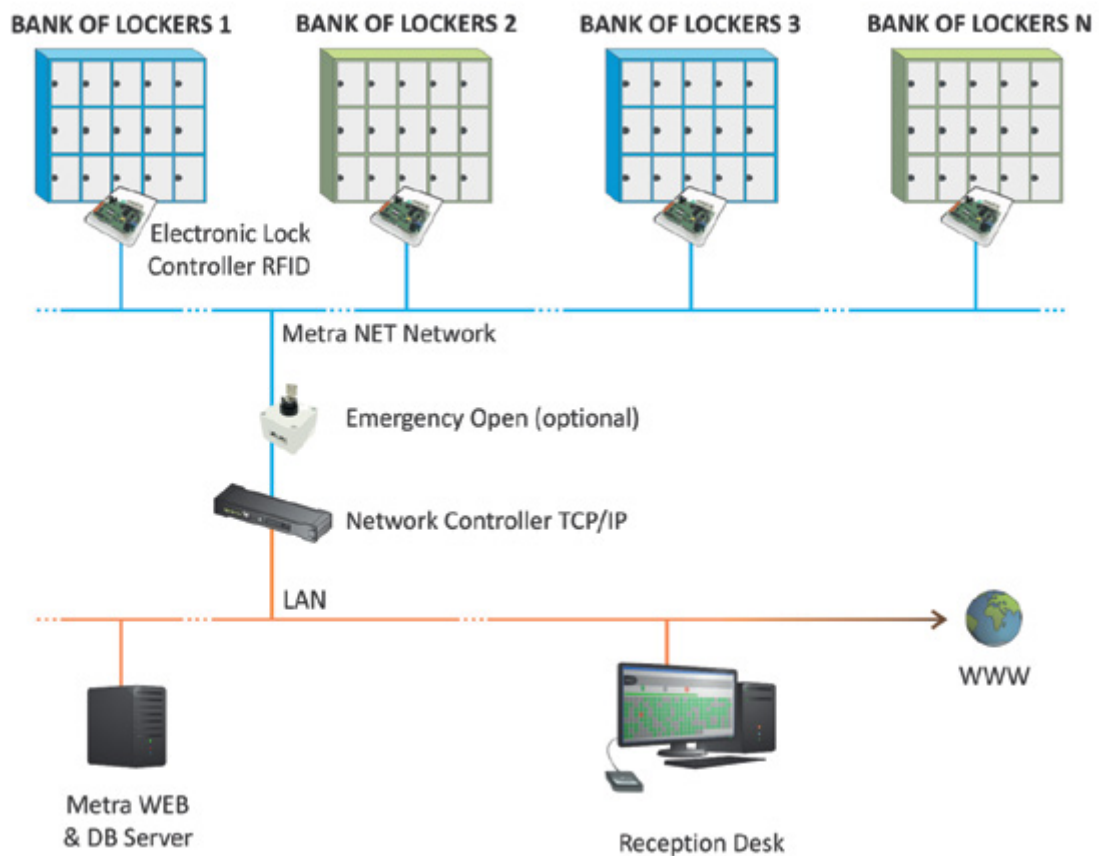

ELS ACTIVE X (XML) SOFTWARE INTERFACE

Integration of Metra ELS system into existing 3rd party software (e.g. hotel software) can be done through Metra Active-X software library or via XML interface.

ELS RFID SYSTEM COMPONENTS

- Electronic Lock RFID
- Electronic Lock Controller RFID
- Network Controller NET or Network Controller TCP/IP
- Desktop POS reader
- Metra ELS and Metra POS software (optional)

For more detail components descriptions please see our web site (www.metra.si) or contact our sales department.