



**Metra**

**inženiring d.o.o.**



## COMPANY PROFILE

Metra inženiring d.o.o. was established in 1990 and has specialized in using smart card technology for various applications in different industries.

The Metra LCC system has been designed and developed for general application in health clubs, sports facilities, leisure centres and swimming pools. It incorporates access control, electronic control of lockers, cashless vending and control of items borrowed by visitors.

Being a prime innovator in the industry, Metra holds various patents on certain components as well as on the Metra LCC system itself.

Contactless technology is used, thereby giving reliable operation in humid environments.

Either intelligent wristbands or smart cards or a combination of the two can be used, all these give the operator a complete flexibility on how to use the system.



Reduce costs and  
generate more revenue!

## Designed for flexibility




METRA LCC is a secure access control system based on contactless smart card technology. It offers a complete access control solution for leisure and sport centres. As all the devices can also work off-line, all the data is stored on wristband, which is used to:

- Access swimming pools and other facilities
- Lock/unlock electronic locker
- Enable cashless vending
- Borrow items



Reliable, powerful and user friendly Metra LCC software enables you to configure, run and supervise the system



The reception desk as the centre of the Metra LCC system is used to issue LCC tickets and collect the data from all LCC devices for further analyses and reports. LCC software allows managers to define the system according to their needs and maximize profits. On-line monitoring of occupancy and current daily income can be monitored at the reception desk and any remote computer over the internet.

### RECEPTION DESK

Main features:

- Various custom defined tickets
- Many interfaces to connect to other computer systems
- Cashless vending management
- Club membership
- Powerful financial and management reporting
- Multi-language application



## User friendly and effective

Tripod turnstiles can be used for selective access control to different areas. Entry through the turnstile is gained by presenting the wristband to the antenna. At exit turnstile can capture wristbands. This allows wristbands to be used again and again.

Reduce operating costs  
with wristband capturer

#### Main features:

- Wristband capture option
- Various entrance/exit access rights option
- Off-line operation
- Interface with other access barriers

#### Benefits:

- Prevents taking wristbands away
- On-line monitoring of occupancy of the facility

ACCESS CONTROL TERMINALS



# Give your visitors more security and cut costs

Instead of having continuous costs and problems with lost and broken keys establish a unique electronic locker system

## ELECTRONIC LOCKERS

### Main features:

- No conventional key required
- Checks time, borrow...
- On-line locker status monitoring
- Alarm if break-in attempted

### Benefits:

- Cost savings (no lost/broken keys...)
- Greater security and flexibility
- User friendly operation
- Enables cashless vending inside the facility

Electronic lockers are designed to operate without conventional keys. Electric locks are installed inside the lockers and are electronically controlled. Lockers can be locked / unlocked just by presenting the wristband to an antenna on the control unit. Number of the locker is stored on the wristband. Data about events on lockers is gathered and transferred to the reception desk. The receptionist can easily check which lockers are still available to make sure there is no over occupancy of locker areas.



## CASHLESS VENDING



# Give your visitors a chance to spend more money

Increase your revenue by allowing visitors to leave their cash and credit cards in their locker and pay for goods electronically

The Metra LCC system offers each visitor a chance to pay for goods and services inside the facility using just a wristband. Paying procedure is very simple and visitor friendly and therefore encourages them to spend more money during their visit. In order to achieve higher income Metra has developed various different methods of performing cashless transactions.

#### Main features:

- Portable, stand-alone or integrated into vending machine
- Quick debit / credit transactions
- Borrow option

#### Benefits:

- Generates additional revenue
- Prevents fraud
- Easy collecting of "electronic tokens"
- No more conventional tokens trouble



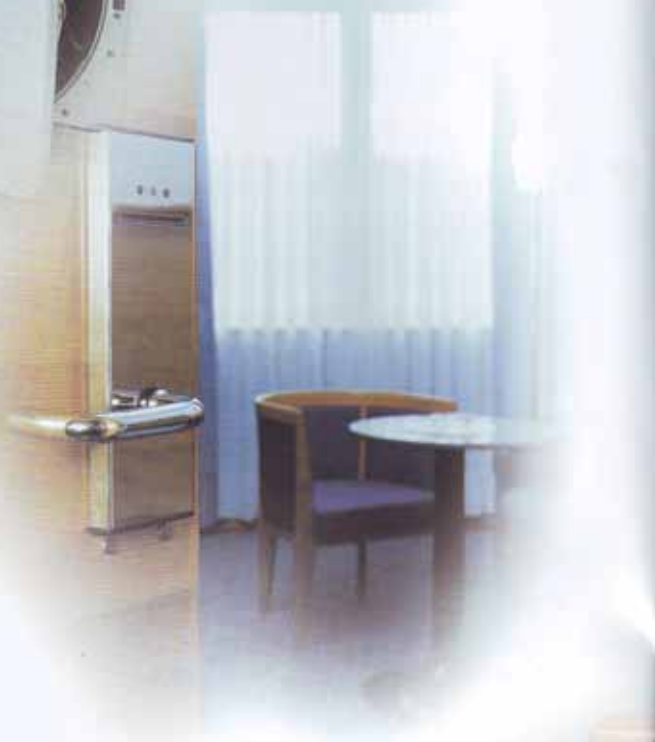
# Other fields of application



WASHING MACHINES



HOTEL ROOM



DOOR LOCK



BUS

Beside tripod turnstiles, cashless vending devices and electronic lockers the Metra LCC system also includes some other devices that can be used for different purposes. With all these devices Metra can offer you a complete solution for your facility with Metra LCC system.



EXISTING GATES AND BARRIERS



PARKING



## Some Metra LCC references



**AQUAPARK ŽUSTERNA**  
Koper, Slovenia

**ATOMSKE TOPLICE Health resort**  
Podčetrtek, Slovenia

**BANOVCI Thermal SPA**  
Banovci, Slovenia

**BERNARDIN Hotels**  
Portorož, Slovenia

**BIFROST University**  
Reykjavik, Iceland

**BLUE LAGOON**  
Reykjavik, Iceland

**CENTERPARCS Bispinger Heide**  
Bispinger, Germany

**CITY OF REYKJAVIK**  
Reykjavik, Iceland

**ČATEŽ Thermal SPA**  
Čatež ob Savi, Slovenia

**DOBRNA SPA**  
Dobrna, Slovenia

**DOLENJSKE TOPLICE Health resort**  
Dolenjske toplice, Slovenia

**FACULTY OF LAW**  
Ljubljana, Slovenia

**FACULTY OF SPORT**  
Ljubljana, Slovenia

**GEYSISTOPA MUSEUM**  
Reykjavik, Iceland

**GRADSKI VRT SPA**  
Osijek, Croatia

**HOTEL LARIX**  
Kranjska Gora, Slovenia

**HOTEL MAESTRAL**  
Budva, Monte Negro

**LAŠKO Thermal SPA**  
Laško, Slovenia

**LENDAVA Thermal SPA**  
Lendava, Slovenia

**MARINA PORTOROŽ**  
Portorož, Slovenia

**MORAVSKE TOPLICE Health resort**  
Martjanci, Slovenia

**MORJE Hotels**  
Portorož, Slovenia

**MÜLI-FIT Fitnesscenter**  
Unterkulm, Switzerland

**OLYMPIC STAR Fitness center**  
Moscow, Russia

**OPEN SWIMMING POOL ORMOŽ**  
Ormož, Slovenia

**PTUJ Thermal SPA**  
Ptuj, Slovenia

**RADENCI Health resort**  
Radenci, Slovenia

**ROGAŠKA Health resort**  
Rogaška Slatina, Slovenia

**SLOTSSÆBADET**  
Kolding, Denmark

**SNOVIK Thermal SPA**  
Kamnik, Slovenia

**SPORT CENTER MILLENNIUM**  
Ljubljana, Slovenia

**SPORT CENTER PRISTAN**  
Maribor, Slovenia

**STRUNJAN Health resort**  
Strunjan, Slovenia

**ŠMARJEŠKE TOPLICE Health resort**  
Šmarješke toplice, Slovenia

**THERMAE PALACE SPA**  
Portorož, Slovenia

**TOPOLŠICA Thermal SPA**  
Topolšica, Slovenia

**TRANSVAAL PARK Leisure center**  
Moscow, Russia

**UNIVERSITY of Göttingen**  
Göttingen, Germany

**UNIVERSITY of Iceland**  
Reykjavik, Iceland

**Waterpark MAGNIT**  
Magnitogorsk, Russia

**Wellness-Bad Center AQUARL**  
Hüfingen, Germany

**ZREČE Thermal SPA**  
Zreče, Slovenia



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## AWARDS

• GEMPLUS Executive Forum •

St.Marteen 1997  
the best application  
in EMEA region for wardrobe  
locker

Bangkok 1999  
best application  
by the choice of audience  
for handheld terminal



• SCANTECH •

Cologne 1999  
the best product  
in the category Security  
for LCC systems



• SYSTEMS 96 •

Munich 1996  
the best industrial product  
for biometric and smart  
card access control



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