WELCOME TO TECHNOLOGY

SISTEMA DE PRÊSTAMO DE BICICLETAS
INFR U CTURE
Two bicycles per docking point.
Electromechanical lock
Advertising panel (optional)
COMMUNICATION CONTROL SYSTEM
WITH GSM AND GPRS
M2M Communications unit
Locking unit
INSTALLATION
Installing bicycle docking stations: anchoring posts
and placement of cable underground
Putting into operation: our technical staff puts
the system into operation.
SMS MANAGEMENT SYSTEM
Software maintained by our company.
Hardware supplied by IBM.
MAINTENANCE
Bicycles: maintenance carried out by
the contractor with the municipality.
System: Domobilie undertakes
software and hardware maintenance.
HOW DOES IT WORK?

USER REGISTRATION

Users register at the offices of the municipality with their mobile telephone number. A secret code is assigned to each user.

BICYCLE LOAN

To free a bicycle, the user sends an SMS with the following text:

Take b <bicycle no> l <lock no> <secret code>

RETURN A BICYCLE

To open the lock when returning a bicycle, the user sends an SMS with the following text:

return b <bicycle no> l <lock no> <secret code>

THE WEB APPLICATION ENABLES:

- Permanent or temporary user deactivation
- Modification of user data
- Cancellation of user registrations
- Opening locks for maintenance purposes
- Reassign numbers to bicycles and locks in case of defects
- Setting minimum and maximum limits of bicycles per station.

OUR SYSTEMS:
Domoblue is committed to putting technology at the service of people by offering practical answers to real needs. We focus on R+D+i to bring technology closer to society through useful and accessible solutions.

With this idea in mind, Domoblue has designed a bicycle user management system based on M2M technology, based on SMS communication. The system can be adapted to any existing electromechanical system in use.

IN ADVANTAGE

The system is very easy to use as the use of SMS messaging is widely spread throughout society. It avoids having to carry personalized user cards and installing card reader machines.

BUSINESS CHALLENGES

- Need to provide a bicycle user service
- Without involving any material bureaucracy
- Without a card issuing/reader machine or pin code system vulnerable to vandalism

OUR SOLUTION

- The user registers with the municipality under an associated mobile telephone number.
- By sending an SMS the bicycle is released for use or locked upon return.
- Availability of the service can be controlled via the Web application.

OPTIONAL SERVICE COMPONENTS

To complete the Domoblue system, we offer the following options:

- Web page
- Advertising panel
- Brochures
- Image design
- Illuminated signs