



**WELCOME TO TECHNOLOGY**



**SISTEMA DE PRÉSTAMO DE BICICLETAS**



**Roll it out in your city!**



#### INFRASTRUCTURE

- 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: Domoblue 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 n°> l <lock n°> <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 n°> l <lock n°> <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

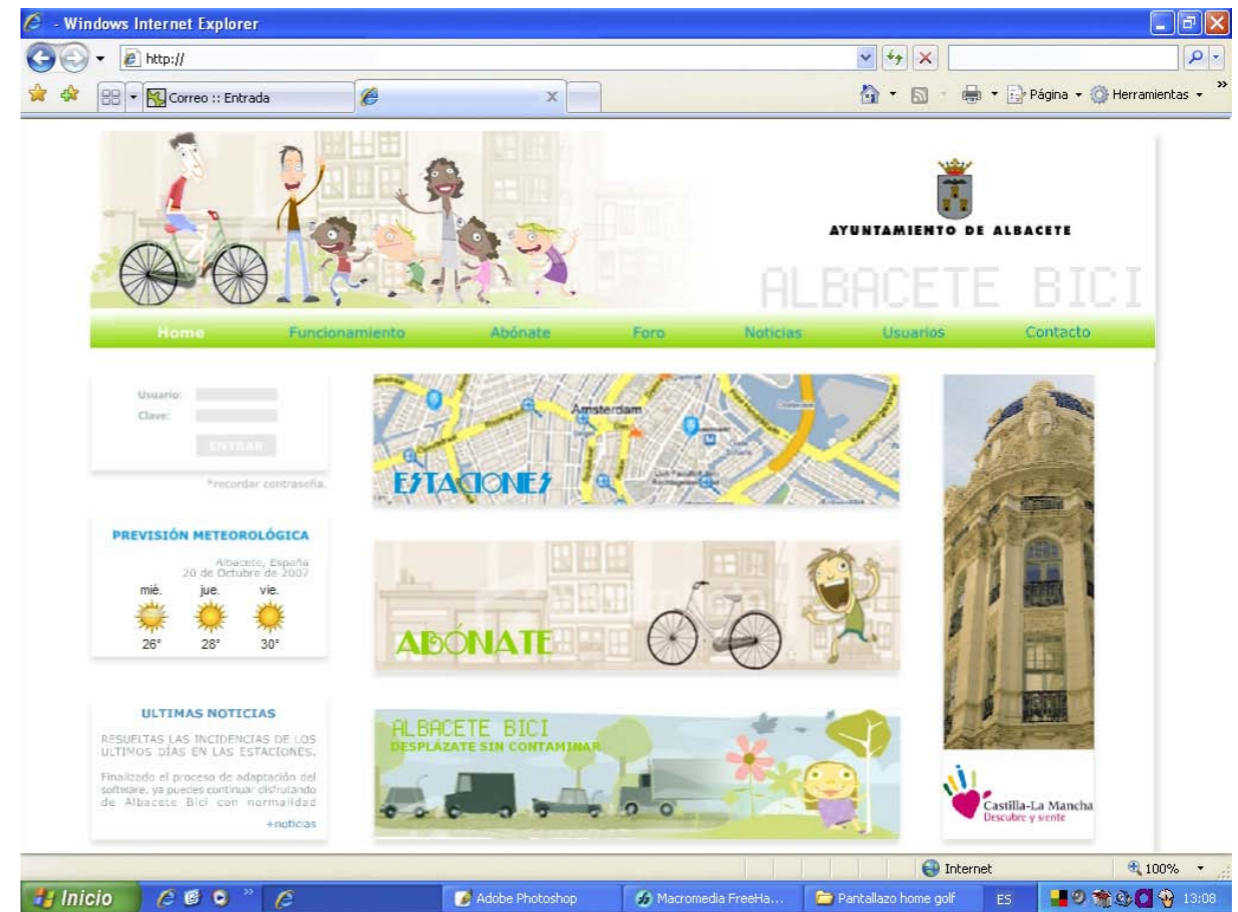
#### OUR SOLUTION

- 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



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