SMART MOBILITY

PARKING

The SICE Technology and Systems Group has a division with extensive experience in the design, installation and commissioning of parking equipment.

Through its SUMIPAR brand, it has been installing parking control systems for more than thirty years. Over time SUMIPAR has successfully manufactured, installed and maintained projects for public and private customers within its business areas, from the simplest subscriber systems or motorway toll barriers to operational parking.

In all cases, SUMIPAR does not only contribute its extensive experience and expert knowledge, but also its ability to work on all project phases, from the initial phases (counselling, consultancy, design and engineering) to integration (installation and commissioning) and use (maintenance and operation).

Its main activity focuses on meeting the requirements of all types of facilities designed for vehicle parking, as well as the control and automation of access and payment methods. SICE covers all requirements and is able to adapt its solutions to the requirements of each customer.

The company's systems and equipment offer significant versatility in fields as diverse as property owner communities, urban parking, shopping centers and supermarkets, railway stations, hospitals and airports, etc.

SMART PARKING

SICE carries out "smart parking" projects capable of applying the latest technologies to transport infrastructures in current smart cities.

These projects consist of the installation of small sensors in the pavement of a car park, which indicates whether there is a vehicle parked in the space or not. This information is sent to a central system which is updated in order to allow drivers to access it via a web page or app to see if there are free spaces in the car park.
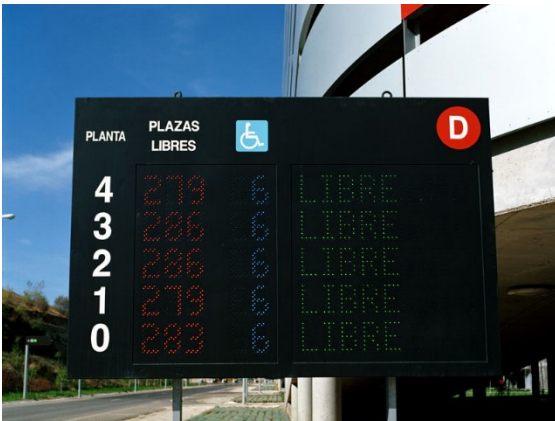
SICE has installed this system in more than 900 car parks in the municipality of Pozuelo de Alarcón, as part of its Smart City.

LARGE CAR PARKS

Magnetic stripe card systems are often used in larger car parks due to the wide range of possibilities that they offer. Integral space surveillance solutions can be included as parallel systems.

SUMIPAR offers a space-to-space guiding system for indoor and outdoor car parks, including floor signage and free space indicators; who pioneered this kind of facility in Spain in the T4 terminal car park at Madrid airport.

BARRIERS

SUMIPAR is a pioneer in Spain for the manufacture and distribution of toll and parking barriers.

The toll barrier is a quick and reliable barrier, able to operate many times every day (20,000); it has also been proven to be durable and reliable over the course of 30 years' service.

Due to its small size it does not take up much space on traffic island or verges, which makes it simple to install and maintain, with a metal base which is cemented to the island.

SMALL AND MEDIUM-SIZED CAR PARKS

Through SUMIPAR, SICE offers a range of solutions for supermarket or hypermarket car parks which offer free parking. In general, QR reader system solutions are most appropriate for small or medium-sized car parks.

The QR reader system offers a range of advantages including minimal maintenance, as it does not require mechanisms such as rollers, belts and motors, etc. Furthermore, it can be complemented with additional security features, such as remote parking assistance with VoIP intercoms or call forwarding.

There are additional advantages of QR codes, including the possibility of replacing lost tickets by sending a SMS to a mobile phone or by using a cash machine.

SUMIPAR has the best equipment to manage a car park with centralized systems which improve payment processes, making it user-friendly, quick and secure, and adapting it to the requirements and size of the car park.

OTHER ACCESS DEVICES

Progress with ITC technologies means that it is essential to provide different payment method solutions which can substitute and/or complement magnetic stripe cards.

All systems can be complemented with licence plate reader systems for registration and authentication purposes, as well as with different access control methods, including Bluetooth systems.