

TOTAL EFFICIENCY ON CAR PARK SOLUTIONS

The word efficiency comes from the Latin "efficientia", which means, action, strength, production. It is defined as the capacity to have something or someone to bring about a given result. Efficiency is the capacity to achieve the desired result with the minimum possible number of resources.

CIRCONTROL has developed various Global Efficiency Solutions with the goal of providing operators with the tools they require to achieve optimum EFFICIENCY AND SAVINGS in their car park facilities.

CIRCONTROL solutions enable operators to maximise their profits from the operation of the car park, while increasing customer loyalty and improving their reputation, since they have the facilities with the highest added value in the market.

To achieve GLOBAL EFFICIENCY, CIRCONTROL has the following tools:



- ✓ INTELLIGENT PARKING SPACE GUIDANCE AND OCCUPATION SYSTEM: **I-Park**
- ✓ LED INTELLIGENT LIGHTING SYSTEM: **Led-Park**
- ✓ SYSTEM FOR ENERGY EFFICIENCY AND CAR PARK AUTOMATION: **GreenPark**
- ✓ NUMBER PLATE RECOGNITION SYSTEM: **LPR-Park**
- ✓ INTELLIGENT RECHARGING SOLUTIONS FOR ELECTRIC VEHICLES: **CirCarLife**

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Total efficiency on car park solutions





i-Park Intelligent parking guidance system

Our modern society is increasingly filled with shopping malls, large entertainment centres, large transport hubs, etc., leading to exponential growth in road traffic concentrations. The design of solutions to efficiently manage these situations has become a priority.

In particular, the car park sector has brought about the need to manage and optimise the resources available, adopting different solutions that offer a series of advantages to the end user and can have a direct impact on improving car park operations.

One of these solutions is the Parking Space Management System, which quickly and efficiently provides information to the user, who is able to find a parking space within the shortest possible time. With this system, car parks can become more easily accessible for their users.

The simplicity of finding spaces will result in greater customer satisfaction, who will then reuse the service given the advantages it offers. The guidance system makes it easier for users to find a free parking space in the car park.

- ✓ ON Street Parking Guidance System
- ✓ OFF Street Parking Guidance System
- ✓ Indicator lights
- ✓ Information Panels

Led-Park Intelligent led lighting system

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LED LIGHTING

- ✓ New LED lighting concept, integrated with the Car Park Guidance System, with the purpose of designing a car park that offers its users a more pleasant environment, based on the concept of COMFORT and leading to increased customer loyalty.
- ✓ Installation of LED lighting systems to achieve electric energy savings of over 65% compared to facilities using fluorescent lighting systems.
- ✓ Efficient management of the car park's lighting systems, according to occupation or the flow of vehicles, integration with the CirPark System, intelligent switching and regulation, according to the flow of vehicles, occupation and flow of customers.

Green Park System for energy efficiency and car park automation

CIRCONTROL offers the car park market the technology available for optimum management of electric power, reducing consumption to the bare minimum. This process starts with monitoring the consumption of the car park. Once the consumption information is received, the electric resources of the facility can be optimally managed.

By means of the CirFire System, CIRCONTROL activates the car park's ventilation systems, performing intelligent management of all smoke-extraction systems.

Finally, CIRCONTROL electronic technology provides all kinds of instruments for monitoring signals and remote or programmed actions, allowing the centralisation of all car park facilities. CIRCONTROL applications can be used with the CirPark-Scada, which is fully prepared for integration in TOTAL management applications.

CirFire Fire and gas detection

Own development of addressable fire detection systems; conventional fire detection systems and gas detection systems.

The CIRCONTROL FM-C500 Carbon Monoxide detection system has been designed for installation in vehicle car parks where concentrations of CO can accumulate. This system is certified according to the UNE 23300/84 standard and it meets the requirements of Royal Decree 2367/1985 and of the Technical Building Code.

LPR-Park License-Plate recognition system: LPR-PARK

All CIRCONTROL solutions have been developed in the field of access control systems to guarantee correct management and safety of multiple cases in this sector, where an image can provide a lot of information.

The LPR-PARK system represents major progress in systems that provide an optimum tool to support access control and other applications that require quick and accurate license-plate identification.

The system can be installed on a single lane or on as many lanes as necessary according to the client-server structure and the IP cameras used by said structure. No video capture card is required.

CARBON MONOXIDE DETECTION



CirCarLife Intelligent recharging solutions for electric vehicles

CirCarLife is a set of systems and solutions designed to facilitate the recharge of vehicles that function with electrical energy. The CirCarLife family aims to provide a solution for the recharge of electrical vehicles in different situations such as public roads, public car parks, private car parks with multiple users and even private car parks with a single user.

CirCarLife Innovation is an innovative recharge system. The user can use this station autonomously, using only a proximity card that can be topped up and which, if the available credit has not run out, may be easily redeemed at the top-up station itself. It also has a machine for making payments and topping up the card.

Circontrol offers a variety of different solutions, adapted to each kind of car park, whether in one-family homes, communal residence car parks, public and shopping centre car parks, hotels, etc.

- ✓ **Indoor Car Park**
Communal Blocks
One-Family homes
Public car parks
Electric vehicle fleet charge
- ✓ **Car Parks in urban roads**
- ✓ **Fast charge system**
- ✓ **Intelligent multipoint recharging system**