

# 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 maximize 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**
- ✓ 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

Circontrol Intelligent LED lighting solution for indoor car parks is designed to be combined with bay monitoring system that enhance the car park to a new generation of energy savings by adapting the lighting conditions.

**You can save up to 65% on your lighting costs with a LedPark**

- Up to 60-75% less energy consumption
- Less maintenance (up to 100.000h lifetime)
- Reduced return of investment (ROI)
- Individual lighting management control (by traffic occupation, people access, schedule, events...)
- Fully integrated within the bay monitoring platform (structure and software)
- Real-time and reporting of kWh consumption
- Energy savings lighting (adjustable)
- Security (low voltage 48Vdc)



## 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.

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.



## 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 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



Car Park in urban roads

Fast charge system