# CirPark

## SOLUTIONS FOR
## EFFICIENT PARKING

CIRCONTROL

# Company Profile

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CIRCONTROL was founded in 1997 in Viladecavalls (Barcelona). We believe that innovation, internationalization, quality, and close contact with our clients are the most effective way to offer the best products and service at the best price.
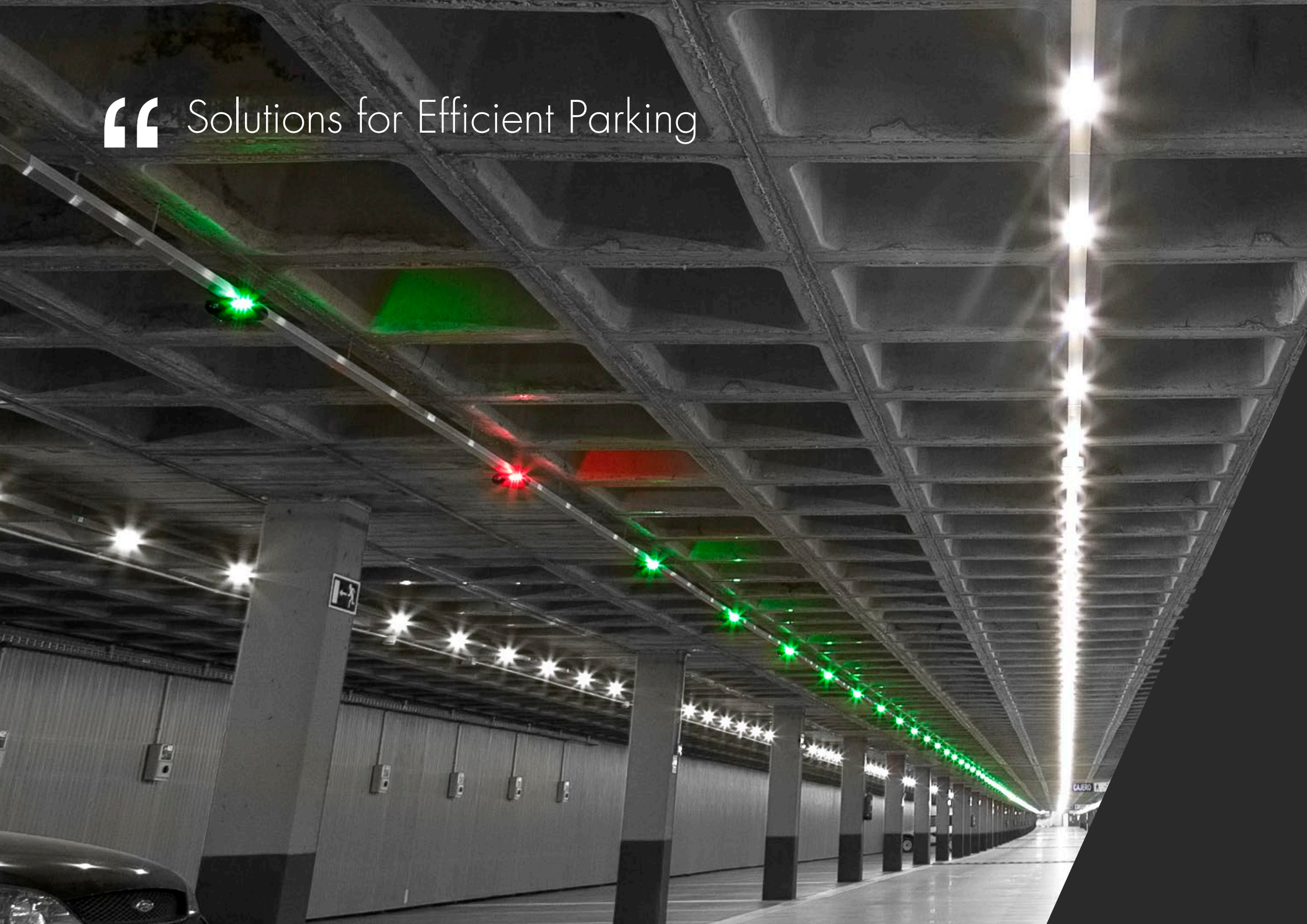
We offer a world of new products in each of our product ranges:

- Mobility (Efficiency solutions for car parks)
- eMobility (Intelligent charging sol utions for electric vehicles)

We pay attention to commercial representatives and customers in order to design products tailored to suit market needs. CIRCONTROL is a company in continuous expansion with presence all over the world.

We are conscious that quality and continuous improvement are the best investment. That's why we train our employees and promote their commitment in order to make them aware of the application of the ISO 9001:2008.

“ Solutions for Efficient Parking

# CirPark Platform

The CirPark Platform is a comprehensive solution that effectively manages various systems from a single centralized location, offering a range of features to parking operators.
With its Scada software and third-party integration capabilities, it provides a multi-platform and mobile-oriented software infrastructure.
CirPark enables vehicle counting, parking guidance systems, and a convenient "find your car" feature from iPark. It also incorporates regulated LED lighting and energy-efficient solutions from LEDPark, along with EV chargers, Park&Charge options, and integrations with Parking Management Systems and Charge Point Management Systems from EVPark.
This unique platform significantly enhances parking mobility, illumination, and security while providing comprehensive e-mobility solutions.

## iPark

Intelligent Parking Guidance System including Single Space Detection and/or Area & Level Counting, Find your Car solution and Outdoor Guidance.

- Guidance System
- Counting System
- Find Your Car
- Video Surveillance

## LEDPark

Efficient and low consumption Led Lighting System including Lilghting Regulation and Energy Monitoring System (EMS) for Parkings.

- Led Park
- Energy Efficiency

## EVPark

Electric Vehicle Charging System for Indoor and Outdoor Parking Facilities.

- Electric vehicle chargers
- OCPP
- DLM
- Park&Charge
- PMS — Parking Management System Integration
- CPO — Charge Point Operator Integration

# iPark

iPark is one of the most impressive and long-lasting systems on the market for Guidance, Find Your Car and Counting Systems. Integrated within the CirPark Platform, it becomes a powerful management tool that optimises the traffic in car parks and provides user satisfaction, giving them the information they need, when they need it. Operators, on the other hand, have an excellent tool to gain the loyalty of their customers, optimise traffic and occupancy, and reduce maintenance and operation.

## Guidance System

Indoor/Outdoor Dynamic Guidance system that manages the user information in order to optimise the occupancy and traffic of the parking facilities. Ultimate technology sensors and panels, plug&play and long-lasting. Worldwide product range oriented.

## Counting System

Level & Area counting system with full range of detectors and panel display information for Indoor & Outdoor parking facilities.

## Find Your Car

Powerful system able to provide car-finding solutions based on QR Code or License Plate Recognition within lanes or "in each parking space, offering users the location and route to their own car via the user application.

## Video Surveillance

Video surveillance system is a product of the implementation of the new Ksensor device in the guidance systems. Any external video recorder can be connected through the IP of the devices in order to access the real-time video of both Ksensor's twin cameras.

# Optimises traffic in car parks and provides user satisfaction by giving them the information they need

## Owner **Benefits**

- Customer Loyalty and Car Park reputation.
- Efficient Traffic and Occupancy management.
- Operational and Maintenance Reduction costs.
- Full remote control system with auto-pilot operability.
- Completely customizable Reports, RealTime Screens and HeatMaps.
- Manage Guidance, Ilumination & EVChargers from one site.

## Customer **Benefits**

- Less time spent on locating free parking spaces.
- Less stress and increased ease of parking.
- Easy Location of Handicapped, EVCharge & Reserved places.

# LEDPark

Regulated Led Light system with LED technology, integrated with parking guidance and managed accordingly with real-time occupancy and pedestrian movements. Consumption reduction via Energy Efficiency management. Installation and Maintenance cost reduction thanks to its low power consumption and long-lasting equipment.

# Consumption reduction via Energy Efficiency management

**Led Park**

Regulated Led Light equipment with low power consumption. Integrated into CirPark Platform for a full automatic and unattended control.
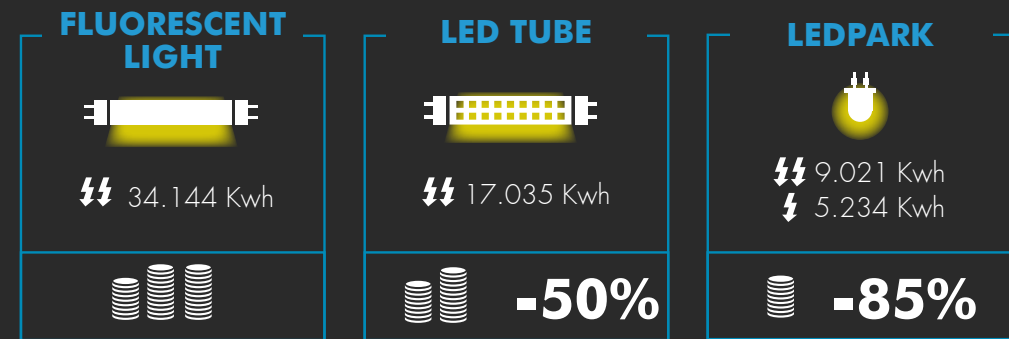
**Energy Efficiency**

Consumption and Energy control with integrated management into CirPark Platform for eco-friendly LEED certification.

## Owner **Benefits**

Real parking data obtained by Oficial Laboratory

| FLUORESCENT LIGHT | LED TUBE | LEDPARK |
|---|---|---|
| 34.144 Kwh | 17.035 Kwh | 9.021 Kwh / 5.234 Kwh |
| | -50% | -85% |

Less than 3 years of Return on Investment, giving high levels of illumination and reducing energy and maintenance costs.

## Customer **Benefits**

- User satisfaction and loyalty within a high level of uniformity of ilumination that gives the users a unique parking experience.
- Intelligent luminosity control for efficient use of the lighting system.
- Increased safety and comfort perception.

# EVPark

EVPark is Circontrol's solution for Electric Vehicle (EV) charging in indoor and outdoor parking facilities.

# Charging in indoor and outdoor parking facilities

## Owner **Benefits**

- Customer loyalty and car park reputation.
- New source of income.
- Maximisation of the available power.
- Integration with CirPark platform.
- Encouraging EV adoption, which results in energy savings on fumes extraction.

## Customer **Benefits**

- Flexibility on charging location selection.
- Increase of driving range.
- More efficient use of time (e.g. charging while shopping).

### Electrical vehicle chargers

EVPark offers a wide range of EV chargers; wall/ground mount, slow/quick charging, and single/double socket. For indoor/outdoor facilities.

### OCPP

To ensure a friendly operation of the chargers by the users and a profitable business model for the parking operator, EVPark solutions use OCPP (Open Charge Point Protocol), widely extended in the Electro-Mobility business.

### DLM

The Dynamic Load Management (DLM) system can be integrated with CirPark Platform, offering the most complete solution currently available on the market. DLM system ensures that only the available power of the installation is used, thus maximising its efficiency and avoiding the high cost of its power upgrading.

### Charge Point integrated with PMS

A complete procedured solution provided to Parking Management Systems manufacturers to integrate EV Charge Points into their own payment system.

### Park&Charge

Ticketless payment system allows the user to charge an electric vehicle without the need to print any ticket. The reading and recognition of the license plate using the FYC system will be enough to allow charging the vehicle automatically.

# SOLUTIONS

049

**HOTELS**

**AIRPORTS**

**SHOPPING MALLS**

**HOSPITALS**

CO

> CirPark, Solutions for Efficient Parking focused by Parking Applications.

CORPORATIONS

UNIVERSITIES

MUNICIPALITIES

ENTERTAINMENT AREAS

CITY CENTRES

# PETRONAS TOWERS

Kuala Lumpur, Malaysia

# City centre, Office & Mall building complex

Petronas Twin Towers - Soaring to a height of 451.9 metres, the 88-storey twin structure is Kuala Lumpur's crown jewel. Majestic by day and dazzling by night, the Petronas Twin Towers are inspired by Tun Mahathir Mohamad's vision for Malaysia to be a global player. Together with master architect Cesar Pelli, the international icon powerfully captures the nation's ambitions and aspirations.

The Petronas Twin Towers Complex contains the  Headquarters of the Petronas Corporation (Malaysia's National Petrol Company) and the famous Suria KLCC Shopping Mall. Below this spectacular construction is a car park divided in four levels, with  5.400 parking bays managed using Dynamic Parking Guidance.

## Installation

⇧001   Guidance System

$   Energy Efficiency

## Description

- 5.400 Parking Bays
- 450VMS (Variable Message Signs)
- 3 Entrance Information Panels
- Optic Fibre Network
- 54 Energy Metres
- Centralized Control Room

## Key Features

- Season Area and Dynamic change of Season Area to Transient Area by Schedule
- Integration with City Centre Signage
- Ladies parking Area with pink bay indicator
- Find your car
- Quick parking Area with 2-hour overstay alarm
- VIP Place reservation
- EMS for lighting consumption measurement

☺ User satisfaction using iPark DPGS

$ Operational and maintenance cost savings

MARINA BAY
SANDS

Singapore

# 🏨 H

## Leading business and leisure Hotel

Marina Bay Sands in Singapore is the leading business, leisure and entertainment destination in Asia. Located along the Marina Bay waterfront, Marina Bay Sands features three cascading hotel towers topped by an extraordinary sky park, 'floating' crystal pavilions, a lotus-inspired museum, retail stores featuring cutting-edge labels and international luxury brands, trendy Celebrity chef restaurants, endless entertainment at the theatres, nightclubs and a casino. Business visitors will also enjoy the extensive meeting areas.

Conventions and Exhibitions (MICE) facilities featuring state-of-the-art technology, highly flexible exhibition halls, and a convention centre that can host over 45,000 delegates. Below this spectacular construction is a car park, with 1.200 parking bays managed using the Dynamic Parking Guidance System.

### Installation

⬆001 Guidance System

$ Energy Efficiency

### Description

- 1.200 Parking Bays
- 54 VMS (Variable Message Signs)
- 2 Entrance Information Panels
- Optic Fibre Network
- Centralized Control Room

### Key Features

- Quick parking Area with 2-hour overstay alarm
- Displays with dynamic Guidance

☺ User satisfaction using iPark DPGS

$ Operational and maintenance cost savings

ABDALI MALL
AMMAN

Amman, Jordan

# Shopping Mall

Abdali is Amman's new downtown that provides the Jordanian capital with the central business, social and residential destination that destination that the city needs as a regional business and tourism hub. Abdali is a unique endeavour in smart urban planning where business, living and leisure smoothly intertwine to create a model of modernization in the Kingdom and the region.

Abdali Mall is the upcoming retail and leisure hub of Amman's new centre. The mall covers a total built-up area of over 227,000 square meters, spreading over five floors with a strategic tenant mix to include a variety of retail stores, an entertainment centre, nine cinema screens, a food court and casual dining plaza, and a supermarket. Abdali Mall also has five basement floors, designed as a smart and conveniently accessible parking facility that accommodates for up to 2.400 cars. Abdali Mall focuses on technology, architecture and hospitality, where development decisions are driven with these core values in mind.

## Installation

⬆001 Guidance System

$ Energy Efficiency

LED Led Park

## Description

- 2,435 Parking Bays
- 134 VMS (Variable Message Signs)
- 15 Gate Signs
- 67.8 kW LED regulated lighting system
- Energy metre
- Optic Fibre Network
- Centralized Control Room

## Key Features

- Parking guidance combined with LED lighting, regulated by schedule or occupancy
- Low consumption lighting system, up to 85% saving (compared to fluorescent lighting)
- Great lighting homogeneity, up to a coefficient of uniformity of 0.95
- EMS for lighting consumption measurement
- Alarm for 2-hour overstay period

☺ User satisfaction using iPark DPGS

$ Operational and maintenance cost savings

**CTIC**
Bogotá, Colombia

# Hospital parking

Centro de Tratamiento e Investigación sobre Cáncer Luis Carlos Sarmiento Angulo, commonly known as CTIC, is a renowned cancer treatment and research center located in Colombia. Dedicated to combating cancer through advanced medical care and scientific exploration. The center provides a wide range of advanced treatments and therapies, including radiation therapy, chemotherapy, immunotherapy, and surgical interventions, tailored to meet the unique needs of each patient. CTIC also actively engages in cancer research, collaborating with national and international institutions to contribute to the development of innovative treatment modalities and breakthrough discoveries. With a team of highly skilled and compassionate healthcare professionals, CTIC is at the forefront of cancer care, striving to improve outcomes and enhance the quality of life for cancer patients in Colombia and beyond.

## Installation

Guidance System

Energy Efficiency

## Description

- 1179 parking bays (KSensor)
- 44 RGB Displays
- Centralized Control Room

## Key Features

- Video Surveillance
- License Plate Recognition
- Real-time Monitoring
- Integration Capabilities...

User satisfaction using iPark DPGS

Operational and maintenance cost savings

**MSHEIREB DOWNTOWN**

Doha, Qatar

# City centre mega complex

This development revives the old commercial heart of the city through a new architectural language that is based on community living, across a 31-hectare site. The mixed-use development will comprise more than 100 buildings, with a combination of commercial and residential properties, retail, cultural and entertainment areas.

It also has a five-star car park that accommodates for up to 10,700 spaces, offering the best facilities and providing a first-class parking experience. Efficient car parking management systems are a crucial component as it maximises the company's business potential by enhancing customer experience, visitor satisfaction, and promoting repeat business.

The Msheireb project blends traditional Qatari heritage and aesthetics with modern technology, and focuses on sustainability and harmony with the environment. The aim of the project is to bring people back to their roots – to make Doha unique and rediscover a sense of community and togetherness. This project can be summarised in one phrase: 'rooted in the past while looking to the future'.

## Installation

Guidance System

Find Your Car

Energy Efficiency

## Description

- 7,622 Guided Parking Bays
- 866 VMS (Variable Message Signs)
- 118 Gate Signs
- Optic Fibre Network with 7 servers
- Centralized control: each car park individually and the overall complex

## Key Features

- Dynamic parking guidance system with RGB LED signs
- Find your car
- Full Integration between all the systems and City Centre Signage

User satisfaction using iPark DPGS

Operational and maintenance cost savings

# Europe

- ✈ **Toulouse Airport**
  France
- ✈ **Edinburgh Airport**
  United Kingdom
- ✈ **Glasgow Airport**
  United Kingdom
- ✈ **Bilbao Airport**
  Spain
- ✈ **Vigo Airport**
  Spain
- ✈ **Schiphol Amsterdam Airport P1**
  Netherlands
- 🏢 **S.D. Thales Corporation**
  France
- 🏢 **AUDI Manufacturing Plant**
  Germany

- 🏢 **Vodafone Village**
  Italy
- 🏢 **Torre Foster - Cepsa HQ**
  Spain
- 🧰 **Hospital de Sant Pau**
  Spain
- 🧰 **South Glasgow Hospital**
  United Kingdom
- 🛒 **Ikea Sabadell**
  Spain
- 🛒 **Les Saisons de Meaux Auchan**
  France
- 🛒 **Paradise Center Shopping Mall**
  Bulgaria
- 🛒 **Carrefour Brasov**
  Romania

- 🛒 **Liubliana Shopping Mall CityPark**
  Slovenia
- 🛒 **Garden Mall**
  Croatia
- 🛒 **Toptani Shopping Center**
  Albania
- 🛒 **Gran Vía 2 Shopping Mall**
  Spain
- 🛒 **Gran Plaza 2 Shopping Mall**
  Spain
- 🏛 **Watford Palace Car Park**
  United Kingdom
- 🏟 **Wembley Park - Football Stadium**
  United Kingdom

# Latin America

- 🎓 **University Quito**
  Ecuador
- 🎓 **San José University**
  Costa Rica
- 🎓 **Universidad Privada del Norte**
  Peru
- 🛒 **Arauco Shopping Mall**
  Chile
- 🛒 **Interlomas Shopping Mall**
  Mexico
- 🛒 **San Borja Plaza**
  Peru

- 🛒 **Agora Mall**
  Dominican Republic
- 🛒 **Citadella Shopping Mall**
  Mexico
- 🛒 **San Miguel Mall Plaza**
  Peru
- 🛒 **Dorado Strip Mall**
  Panama
- 🧰 **Clínica Las Condes - Hospital**
  Chile
- 🧰 **Hospital Metropolitano Quito**
  Ecuador

- 🏟 **Galerías Serdán**
  Mexico
- 🏟 **Escazu Village**
  Costa Rica
- ✈ **Airport T2 Mexico City**
  Mexico
- ✈ **Aeropuerto Internacional Quito**
  Ecuador
- ✈ **Airport T1 Mexico City**
  Mexico
- 🏛 **SABA Santa Lucia**
  Chile

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Some of our
SUCCESS STORIES

# Asia

- **Mall of Istambul**
  Turkey
- **KoruPark Shopping Mall**
  Turkey
- **Orion Mall**
  India
- **KiPA Mall**
  Turkey

- **Ikea Alexandra**
  Singapore
- **Bangalore International Airport**
  India
- **Mumbai T1B Domestic Airport**
  India
- **KLCC Petronas Twin Towers**
  Malaysia

- **South Beach Parking**
  Singapore
- **Marina Bay Sands Hotel**
  Singapore
- **Cisco Systems**
  India

# North America

- **Philadelphia International Airport**
  U.S.A

# Africa

- **Pavilion Shopping Mall**
  South Africa
- **Stoneridge Shopping Center**
  South Africa
- **Montclair Mall**
  South Africa
- **Guaranty Trust Bank**
  Nigeria
- **Ministry of Defense**
  Egypt
- **HILTON city centre**
  Angola
- **Hotel Intercontinental**
  Angola
- **Kotoka International Airport**
  Ghana
- **Cairo Festival City**
  Egypt

# Middle-East

- **Hamad International Airport**
  Qatar
- **King Abdulaziz International Airport**
  Kingdom of Saudi Arabia
- **Msheireb Downtown**
  Qatar
- **Souq Waqif**
  Qatar
- **Al Buteen Palace**
  United Arab Emirates
- **Headquarters Business Park Tower**
  Kingdom of Saudi Arabia
- **Arabilla Outdoor Shopping Mall**
  Kuwait
- **Al Shadeed Park**
  Kuwait
- **Al Saad Sports Club**
  Qatar
- **Holy Makkah Municipality**
  Kingdom of Saudi Arabia
- **Khatam Parking Hotel**
  Iran

- **Hilton Dubai Jumeirah Resort**
  United Arab Emirates
- **Midco Commercial Complex**
  Iran
- **Lulu Hyper Center**
  Kuwait
- **Abdali Mall**
  Jordan
- **Choueifat Mall**
  Lebanon
- **Deira Waterfront Commercial Complex**
  United Arab Emirates
- **Riyadh Park Shopping Mall**
  Kingdom of Saudi Arabia
- **Doha Shopping Mall**
  Qatar
- **ABC Mall Verdun**
  Lebanon
- **University Tourism College**
  Kingdom of Saudi Arabia

# " Solutions for Efficient Parking

# circontrol