Solutions for Efficient Parking

CIRCONTROL
Mobility & eMobility

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CirPark

SOLUTIONS FOR

EFFICIENT PARKING

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 solutions 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 manages all CirPark solutions from one site.
It is a powerful solution that integrates iPark, LEDPark and EVPark systems.
A platform made of CirPark Scada software and third-party integration.
It is a multi-platform and mobile-oriented software infrastructure.
Unique Platform for a fully integrated Efficient Parking experience.

iPark

Intelligent Parking Guidance System including Single Space Detection and/or Area & Level Counting, and Car-Finding Solutions for Indoor and Outdoor parking facilities.

- Guidance System
- Counting System
- Find Your Car

LEDPark

Efficient Led Lighting System with Low Consumption including Lighting Regulation and Energy Monitoring System (EMS) for Parking Facilities.

- Led Park
- Energy Efficiency

EVPark

Electric Vehicle Charging System for Indoor and Outdoor Parking Facilities.

- Electric vehicle chargers
- OCPP
- DLM

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.

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.
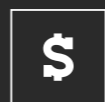
Energy Efficiency

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	17.035 Kwh	9.021 Kwh / 5.234 Kwh
	-50%	-85%
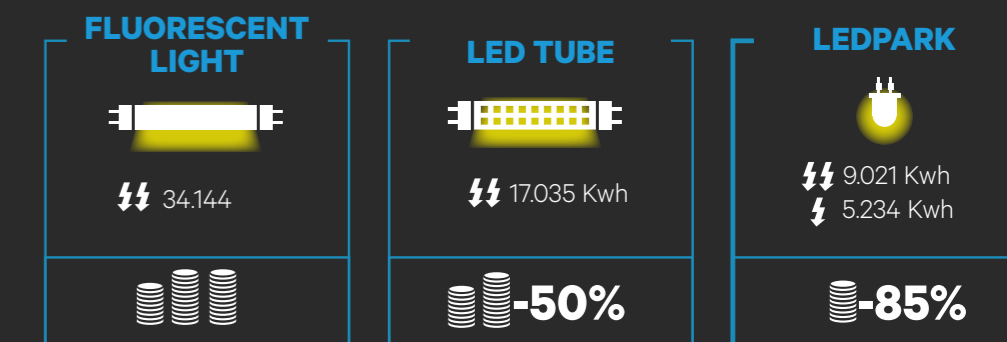
Less than 3 years of Return on Investment, giving high levels of illumination and reducing energy and maintenance costs.

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.

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.

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).

SOLUTIONS

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

HOTELS

AIRPORTS

SHOPPING MALLS

HOSPITALS

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

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

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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.

MARINA BAY SANDS
Singapore

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

🛒 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.

ABDALI MALL AMMAN
Amman, Jordan

Installation

- 🔲 Guidance System
- 💲 Energy Efficiency
- 🔲 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

PATRIARCHES
Paris, France

City centre municipality parking

This 5-storey underground car park is located in the centre of Paris, in the V district, on the left bank of the river Seine. It is the oldest quarter of the capital of France, very picturesque and lively, located near the Place Monge, the Panthéon, the famous Jardin des Plantes and the Grande Mosquée.

The owner of this car park, the City Council of Paris, completely renovated the facility to obtain maximum efficiency in mobility, lighting and energy saving. At the same time, the City Council sought to offer its users a more modern and comfortable car park.

Installation

- Guidance System
- Energy Efficiency
- Led Park
- Electrical vehicle chargers

Description

- 350 Parking Bays (front end sensor)
- 8.4 kW LED regulated lighting system
- Energy metre
- Centralized Control Room
- Electric Vehicle Charging Service

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
- Electric vehicles charging stations

- 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

Some of our
SUCCESS STORIES

Europe

Toulouse Airport
France

Edinburgh Airport
United Kingdom

Glasgow Airport
United Kingdom

Bilbao Airport
Spain

Vigo Airport
Spain

Watford Palace Car Park
United Kingdom

S.D. Thales Corporation
France

Schiphol Amsterdam Airport P1
Netherlands

AUDI Manufacturing Plant
Germany

Vodafone Village
Italy

Torre Foster - Cepsa HQ
Spain

Wembley Park - Football Stadium
United Kingdom

Ikea Sabadell
Spain

Hospital de Sant Pau
Spain

South Glasgow Hospital
United Kingdom

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

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

Airport T2 Mexico City
Mexico

San Miguel Mall Plaza
Peru

Clínica Las Condes - Hospital
Chile

Hospital Metropolitano Quito
Ecuador

Galerías Serdán
Mexico

Escazu Village
Costa Rica

Dorado Strip Mall
Panama

SABA Santa Lucia
Chile

Aeropuerto Internacional Quito
Ecuador

Airport T1 Mexico City
Mexico

Some of our SUCCESS STORIES

Asia

KLCC Petronas Twin Towers
Malaysia

Mall of Istambul
Turkey

KoruPark Shopping Mall
Turkey

South Beach Parking
Singapore

Orion Mall
India

Marina Bay Sands Hotel
Singapore

KİPA Mall
Turkey

Bangalore International Airport
India

Cisco Systems
India

Ikea Alexandra
Singapore

Mumbai T1B Domestic Airport
India

North America

Philadelphia International Airport
U.S.A

Africa

Pavilion Shopping Mall
South Africa

Stoneridge Shopping Center
South Africa

Guaranty Trust Bank
Nigeria

Cairo Festival City
Egypt

HILTON city centre
Angola

Hotel Intercontinental
Angola

Montclair Mall
South Africa

Kotoka International Airport
Ghana

Ministry of Defense
Egypt

Middle-East

Hamad International Airport
Qatar

Msheireb Downtown
Qatar

Al Buteen Palace
United Arab Emirates

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

Souq Waqif
Qatar

Abdali Mall
Jordan

King Abdulaziz International Airport
Kingdom of Saudi Arabia

Choueifat Mall
Lebanon

Deira Waterfront Commercial Complex
United Arab Emirates

Riyadh Park Shopping Mall
Kingdom of Saudi Arabia

Doha Shopping Mall
Qatar

University Tourism College
Kingdom of Saudi Arabia

ABC Mall Verdun
Lebanon

Headquarters Business Park Tower
Kingdom of Saudi Arabia