Parking Management Systems

For more than 20 years Somfy SACS has car park automation. We design and produce advanced systems for automatic management of all types of car parks offering end to end services.
As each project is unique we design customized systems : entries, exits, traffic flow, guidance systems and access management for every parking project.

PARKING MANAGEMENT INCLUDES:

» Entry Ticket Dispenser with Automatic Boom Barrier
» Decentralised payment collection system or payment at exit
» Exit Ticket Reader with automatic Boom Barrier

BENEFITS OF PARKING MANAGEMENT SYSTEM:

» Enhanced Security
» Controlled Pilferege
» Reduced Operating cost
» Quick ROI
» Convenient for users
» No conflicts of payments for number of hours parked

OUR STRENGTHS ARE:

· Advanced Technology
· Excellent Versatility
· Great Simplicity
· Wide Range
· Local Maintenance

Our group companies

O&O MOTION TECHNOLOGY   sacs easy access   simu

somfy®

Parking Management System

ENTRY STATION: AURA 30-I

AURA 30-I can be used for regular entrance gates in parking areas of medium-large dimensions where it is necessary to have total control by operators, cash point shifts, subscription cards and tickets management. Basic functions of the device survive even in case of network failure.

EXIT STATION: AURA 30-U

AURA 30-U can be used as exit terminal on parking areas of medium-large dimensions where it is necessary to have totally control by operators, cash point shifts, subscription cards and tickets management.

POINT OF SALE SERVER

The Pos management station is a robust and easy to operate solution, for data management of AURA 30 car park. It is designed to be intuitive to any user and complete in functionalities. The Pos Client is the complete management system of the car park easy to use and easy to install. Moreover, Pos Client system can be interfaced with other complementary systems such ANPR, counting management system, UHF antenna/tag reader, GPRS systems for remote controls, AXXEDO access control system etc...

PAY ON FOOT MACHINE: AURA 30-P

The automatic AURA 30-P cash point has been devised to supply the professional parking park with a device which allows the maximum functionality and performance for automatic payment. AURA 30-P offers all the functions to enable an unattended operation of a medium-large car park. The cash point has been devised to be installed in a simple and immediate manner. All of the configurations can be executed either by the embedded electronic board or via remote.

Parking Guidance Systems

In today's scenario, the optimum utilization of space and rapidity to park vehicle are the most critical factors for any parking.

We provide quick and advanced solutions for users from their entry in the parking to the exit, helping users to reach the nearest parking bay through Dynamic Guidance System.

OUR STRENGTHS ARE:

- Advanced Technology
- Excellent Versatility
- Great Simplicity
- Wide Range
- Local Maintenance

Parking Guidance System

1. Ultrasonic sensor is based on radar principle where time is measured by emission of sonic signal & return of its echo to determine the presence of vehicle.
2. Detect , Count & Indicate the vacant places online.
3. Vacancy Indicator & Display Panels are based on L.E.D. technology to minimize power consumption & increase visibility with long maintenance-free life.
4. Master Controller interface between Application Software & other Parking devices & Zone Controller manages the information on a car park zone or level & communicates with other Zone Controllers & Master Controller.
5. Parking Guidance System Software based on SQL database and user friendly operation with highest level of security
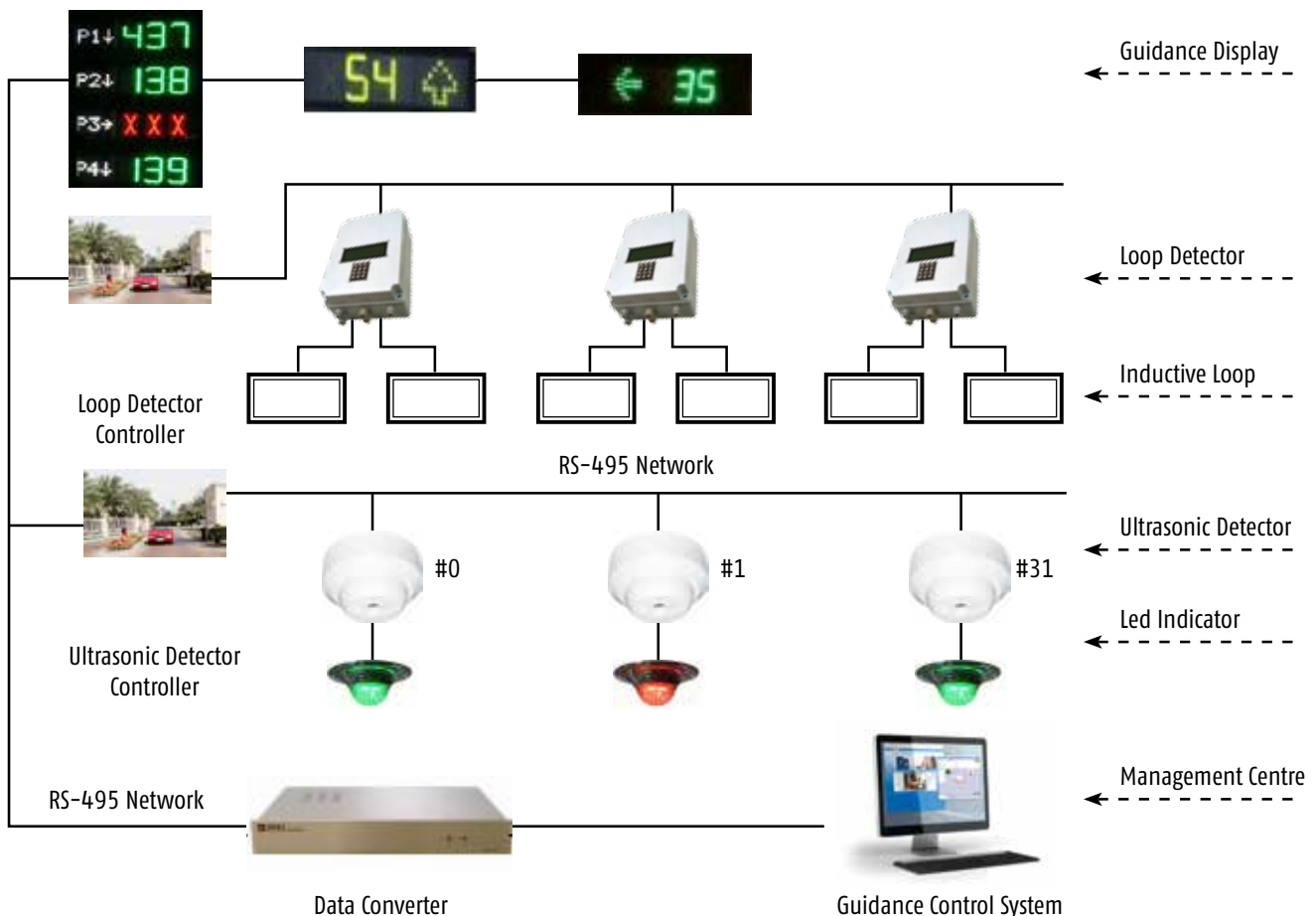
Benefits of Parking Guidance System

- It is estimated that 30% of traffic congestion during parking is attributed to vehicle looking for parking space (source Traffic Technology International)
- A parking system can lead to a non trivial reduction in vehicle emission. Typical benefits are 2% reduction in emission of CO.

Source: British Department of Enviroment, Transport & Regions – Urban Traffic Management & Control Research –UTMC final Report

- Cost optimization by progressive openings of levels as necessary. Closed levels can save electricity by switching off lighting, ventilation etc.
- Validation of the premium charged for parking by providing efficient and user friendly parking facility.

Guidance Display

Loop Detector

Inductive Loop

Loop Detector Controller

RS-495 Network

Ultrasonic Detector

#0   #1   #31

Led Indicator

Ultrasonic Detector Controller

RS-495 Network

Management Centre

Data Converter

Guidance Control System

RFiD Based Automatic Parking Management Solution

FOR RESIDENTIAL SOCIETIES, COLONIES, OFFICES, FACTORIES ETC

Advantage SOMFY:

Leading Parking Solution Provider
100% in-house designed Solution
Fully expendable, scalable.
Integrable with 3rd Party software.
Open-end Hardware Integration.
Large satisfied customer base.

APPLICATION AREAS:

Residential Colony
Societies
Corporate Offices
Factories

OPTIONS:

Image Capturing Camera
Vehicle Count Display

OUR GROUP COMPANIES

HOW DOES IT WORK: Parking Management System is designed to identify and manage vehicle in parking areas, gated communities, commercial complexes, secure building complexes, tolls, container depots etc. It contains the elements needed to deploy a RFID parking management solution – A windshield tag (RFID) is stuck on the windscreen of the vehicle and on approach to the gate the UHF reader picks up the id from range of more than 10 meters for validation, On local validation, the controller sends the signal to the Boom Barrier to open and the complete transaction is recorded. MIS report can be generated. Optional feature to connect camera to capture photo / number plate can also be added. It can also support alarm / hooter.

ADVANTAGE: The solution provides an easy means for the hands-free, long-distance, unique vehicle identification to allow secure entry and exit to areas preventing unauthorized access and supports single or multiple entry/exit points.

WHAT DO WE PROVIDE YOU: Complete ready to use tried and tested solution. Rover Long Range UHF Readers, Controllers, Boom Barrier / Turnstiles and Software Solution for MIS Reporting. SDK is also available for integration with your existing applications.

| UHF RFID Reader | Controller | Boom Barrier | RFID Tag |

Partial Project Reference

Oberoi Hotels & Resorts

planet hollywood
RESORT & CASINO • LAS VEGAS

HYDERABAD
RAJIV GANDHI
INTERNATIONAL AIRPORT

AHUJA TOWERS

AMARA RAJA
Gotta be a better way

BANYAN TREE
HOTELS & RESORTS

BAYER

Best Western

BHUSHAN

bptp

CIAL

citibank

CONRAD
HOTELS & RESORTS™

COURTYARD
Marriott

CROWNE PLAZA
HOTELS & RESORTS

DIMTS
We help people move

DOUBLETREE
BY HILTON™

EMAAR MGF

HARBOUR GRAND
HONG KONG

HCL

Holiday Inn

HYATT

ENGINEERS INDIA LIMITED
(A Govt. of India Undertaking)

JAL

JSW

Kempinski
HOTELS & RESORTS

LODHA
PRIMERO
A cut above

GRAND NIKKO
BALI

MAHAGUN
A NAME THAT PERFORMS

CITYCENTER
LAS VEGAS

NDMC
CENTENARY CELEBRATIONS

NOVOTEL
HOTELS

The Orchard
residences

PANGU 7 STAR HOTEL BEIJING

THE PRIDE HOTELS
the essence of business

pullman
HOTELS AND RESORTS

THE RITZ-CARLTON

Sheraton
HOTELS & RESORTS

TAJ
Hotels Resorts
and Palaces

TRIDENT
HOTELS

Oriental
Bank of
Commerce

VIVANTA
HOTELS & RESORTS
BY TAJ

to name a few...

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LOCAL PRESENCE

Ahmedabad

Kolkata

Chandigarh

Our group companies