OPEN PARK

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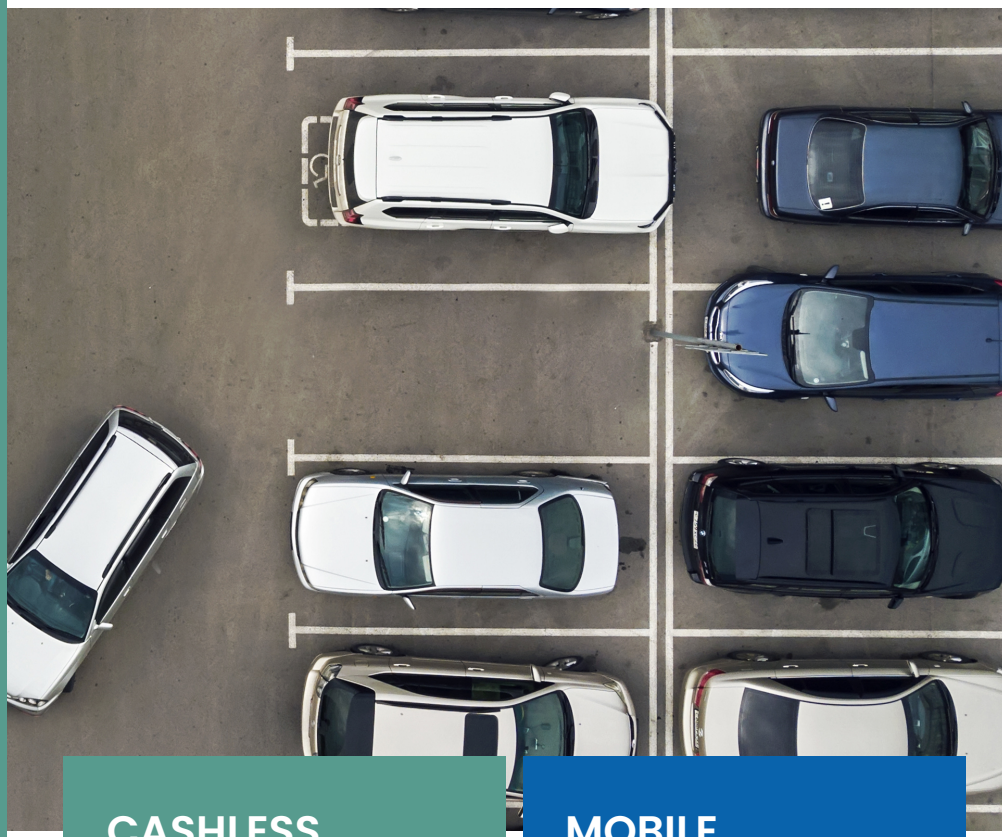
OPENPARK TECHNOLOGIES

iPark Guidance Management Server



CASHLESS

Hustle free entry and exit, no congestions, no cash problems, no consumables, e-bill is sent as SMS or Push notification to OpenPark mobile app

MOBILE

Mobile registration with e-payments, or admin authorisation for private access or ticket sales

TRANSPARENCY

Facility managers and facility managers can grant access and monitor all access events for vehicles and pedestrians all over different facility gates

IOT COMPLIANT

All OpenPark smart devices can communicate directly through MQTT protocol to any industry standard IOT platform or City Operation Center

FACILITY TYPES

Parking
Parking access control and revenue management

Venues
Event management and ticket sales

Commercial buildings
Employee cards for parking, elevator and room access

Residential buildings
Parking and home access using same system

Here is the reason why **WHY CHOOSE US**

OpenPark solution is developed from the ground up for modern smart city architecture taking in consideration the latest technologies for seamless mobility integration

INPARK SERVER

iPark server is the integrated parking guidance module that plugs into OpenPark server for collecting data from sensors and distributing information for parking users

MAIN FEATURES

- Intelligent Parking Guidance Control System has the ability to be installed as a stand-alone system or in a client server environment whereby multiple users can log in across a network and depending on their access level, either view information, do configuration changes or print reports.
- Intelligent Parking Guidance System is based on open standards protocol such as MQTT. This is to ensure longevity and ongoing support of the system.
- IPark is a fully soft configurable and allow future system expansion, such as the addition of more parking zones, sensors or variable message signs, as well as the addition of entire new parking areas, merely through system configuration.
- IPark server can use MS SQL, MySQL or Postgres database. The Software will operate on a Windows Server Operating System or Linux OS (Ubuntu)

SECURITY ACCESS LEVEL

- User Name and Password required before being able to access any iPark function
- The password is encrypted in the database.
- It shall be possible for an administrator to force a log off of any user. An inactivity timer shall cause an inactive user to be logged off after a Configurable time.

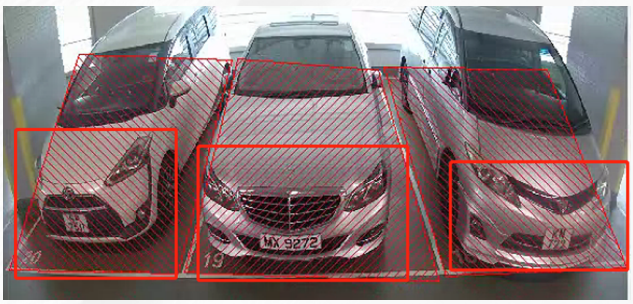
MAP DISPLAYS

The IPGS shall support the display of information as Map Displays. This support of Map Display shall include the following:

- All Devices are geo-located. The appearance of devices on a particular map view can be controlled by a combination of zoom control and map display
- The map display includes the capability for showing levels of parking availability, congestion, and sign display with graphical widgets that shows the real time data returned from field devices, including traffic and parking sensors.
- The Central Control System will have a dashboard view which is fully configurable to show the overall parking status in all parking areas as well as 24 hour parking trends.

REPORTS

- Historical reports can be used for trend analysis.
- Current Parking Historical reports can be used for trend analysis.
  a. Current Parking Utilization By Zone
  b. Parking Utilization by Zone By Date
  c. Parking Utilization Detail By Zone By day,..
  d. Current Overstay Violations By Zone
  e. Overstay Violation By Zone By date
  f. Current Reservations By Zone
  g. Current Reservation Overstay Violation
  h. Estimated Parking Revenue
  i. Average time bays are occupied
  j. Bay stay reporting
  k. Sensor Failures By Zone
- Parking Utilization Summary by Zone By Date
- Parking Utilization Detail By Zone By day, week, month, year
- Current Overstay Violations By Zone
- Overstay Violation By Zone By date
- Current Reservations By Zone
- Current Reservation Overstay Violation By Zone
- Estimated Parking Revenue
- Average time bays are occupied by day, week, month, year j) Bay stay reporting
- Sensor Failures



ORDER INFORMATION

- [PGS-IPARK] iPark Parking Guidance Server Software

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