



Car Parks need to be efficiently managed to ensure customer satisfaction and increased profitability. To achieve this, the operators need to improve the security, safety and operations of the car park. Even in larger car parks there is usually insufficient man power to manage it comprehensively. It can be very difficult to manage the premises effectively and keep it safe.

Theft of vehicles and of the belongings from inside vehicles has always been a major concern and car park operators need to

constantly be aware of suspicious activity.

For a car park to be efficiently managed and to increase profitability, operators need to monitor how many free parking spaces are available, where they are located, and how long a vehicle has been parked for to monitor if it has gone over the designated time.

Why iOmniscient's iQ-Car Park?

iQ-Car Park is a comprehensive portfolio of applications that can fulfill each of the car park's specific requirements, while operating as a single integrated system to ensure quick distribution of information to all concerned when any event occurs.

iQ-Car Park can help prevent such thefts from occurring by identifying suspicious individuals. iOmniscient's loitering detection application can identify suspicious behavior and alert the operators to take appropriate action.

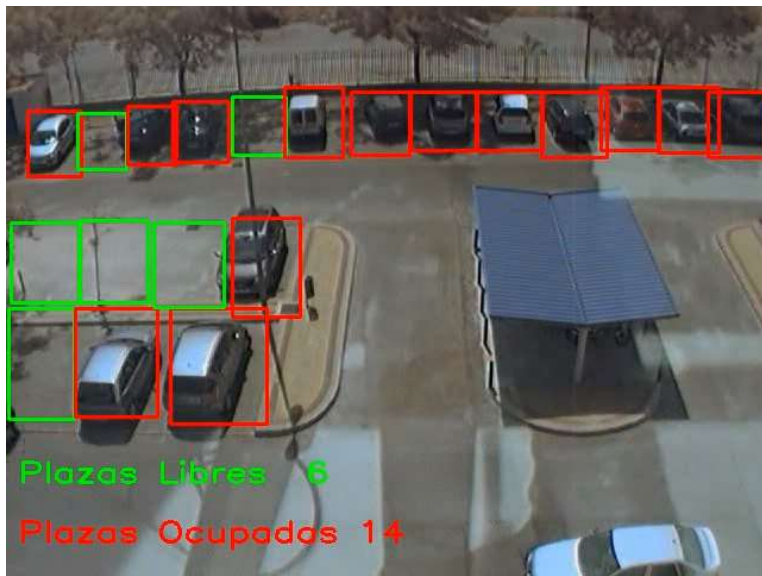
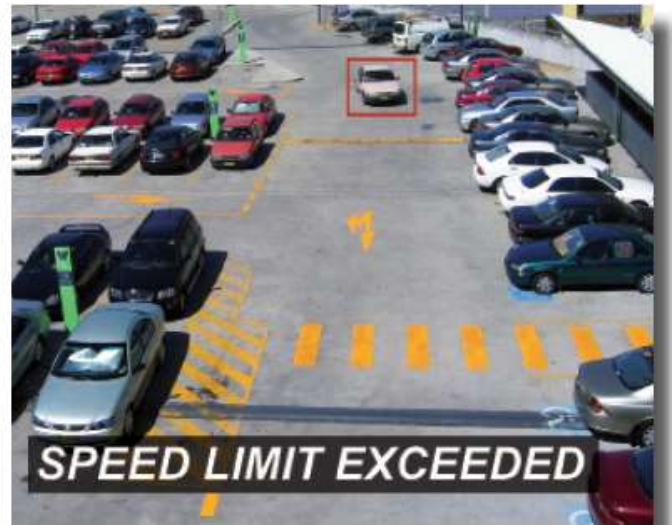
iQ-Car Park can also match the owner of the vehicle to the license plate to ensure it is the owner (or authorized driver) who is leaving the premises in the vehicle.

Automated Surveillance Action Platform (ASAP):

iQ-Car Park is armed with iOmniscient's unique Nuisance Alarm Minimization System (NAMS) which can cope with the complex and crowded scenes that exist in the real world, thus ensuring reliable results. Coupled with iOmniscient's patented iQ-Hawk technology, which simultaneously detects events and identifies people and vehicles on the same camera, iQ-Car Park can deliver an automated response system which can then be tightly linked into the user's own processes.



Car Park



iQ-Car Park is a comprehensive suite of Video Analytics applications designed to meet the specific needs for car parks. The system is modular and each application can be purchased separately. And yet all the applications can interact to provide a fully integrated video based utility service for the many requirements of car parks.



Car Park

Use Cases

Solution	Application
Monitoring Free Parking Spaces	<ul style="list-style-type: none">❖ Smart Parking to calibrate the number of occupied and unoccupied parking spaces.
Parking Slot Guidance	<ul style="list-style-type: none">❖ Indicate where empty spots are located and guide drivers to the right level and to the right aisle with a map user-interface displayed on individual's mobile handset, PDA etc.❖ Assist car owners to locate their parked car in a large and multi-story car park environment by entering specific license plate information into a kiosk.
Dwell Time Management	<ul style="list-style-type: none">❖ Smart Revenue Generation technology helps you understand how long a car has been in a particular zone/ parking bay.❖ Understand how long a vehicle has been in the car park and charge for the same automatically❖ In case a vehicle is parked for too long in a pickup zone the system will automatically trigger an event / alarm.
Identify Illegal Parking	<ul style="list-style-type: none">❖ Detection of parked vehicles in no-parking zones or special reserved zones.❖ In case a vehicle is parked in a no-parking zone, the module will automatically trigger an event / alarm.
VIP access management	<ul style="list-style-type: none">❖ Provision of VIP access using License Plate Recognition and/or Face Recognition.
Blacklist management	<ul style="list-style-type: none">❖ In case a blacklisted vehicle enters the premises the system will automatically trigger an event / alarm.
Loitering Detection	<ul style="list-style-type: none">❖ Identify loitering - particularly a person who is checking out cars (e.g. using Face Recognition to track the suspect/criminal).



Car Park

Solution	Application
Automated Entry	<ul style="list-style-type: none">❖ Stream the traffic flow by allowing automatic entry for authorized vehicle when the license plate is recognized.
Prevention of Tailgating	<ul style="list-style-type: none">❖ Smart Revenue Generation technology helps you prevent tailgating at boom gates
Traffic Management	<ul style="list-style-type: none">❖ Ensure smooth flow of traffic at peak times.❖ Prevent vehicles traveling in the wrong direction.❖ Prevent vehicles travelling at high speed (the generation of tickets and the administration of fines can be automated using a License Plate Recognition system together with iQ-Hawk)
Resource & People Safety	<ul style="list-style-type: none">❖ Detect identified objects and raise alarms.❖ Detect if someone falls down caused by slipping or a fight.❖ Detect graffiti and vandalism in real time❖ Smoke and Fire detection (conventional smoke and fire detection is not effective in areas with high ceilings or no ceiling).❖ Surveillance system health check to prevent camera tampering and sabotage

...there are many more applications, please contact iOmniscient at info@iomniscient.com

See Through the Crowd

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