Long Range Technology - Tags & Readers

HYPER X™

2.45GHz

High-Performance

Case Study

TAXIS FLOW MANAGEMENT

Paris Charles de Gaulle Airport

CHALLENGE

- Congestion of taxis at airport terminals causing air pollution and timely pick ups
- Pirate taxis operating without a legal license

BENEFITS

- Only authorised taxis entering the terminals
- Security & Safety increased
- Valuable terminal space recovered and re-use

Charles De Gaulle Airport, located 14 miles North-East of Paris, is the city's largest airport and handles over 200,000 passengers each day.

The city is accessed from the airport via a number of transport links including a large number of taxis. However, there has been an increase in illegal, unlicensed taxis around the area. The airport decided to regulate the taxi flows by introducing the HYPER X™ identification system from BALOGH.

Each of the 15,000 authorised Parisien taxis are issued with a tag which is placed in their overhead taxi signs.

A HYPER X™ reader at each entry point then automatically identifies these tags through the signs. Tags can be identified in sunlight, night and through dusty environments allowing the vehicle to enter the restricted area at anytime.

Vehicles don't need to stop at the barriers as the identification takes place at high speeds from a distance of several meters. This means there is no congestion or queues at the entry points.

Taxis are then directed to a waiting area where they can turn their engines off and wait to be called to the passenger pick-up point. This has greatly reduced the congestion and air pollution and well as the waiting times. Passengers can be sure they are using a legal taxi when they are picked up at the terminal. The airport has also been able to re-use precious space around the terminals and reinforce secutity.