

PRESS RELEASE

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FOR IMMEDIATE RELEASE

CLEARVIEW INTELLIGENCE'S AIRPORT EXPRESS ZONE PARKING SYSTEM TAKES OFF



For the past year, Clearview Intelligence Group Ltd have been working with one of the UK's fastest growing international airports at Stansted, Essex to design and implement an innovative parking solution based on the M300 Wireless Vehicle Occupancy Detection system to maximise traffic flow through the Express Set Down & Pick Up area and safeguard fair use of this high turnaround parking zone for the airport's users.

Already the fourth busiest airport in the UK, with ambitious growth plans for the future, Stansted recognised the importance of guaranteeing the constant smooth flow of traffic in and out of the Express Set Down & Pick Up area, which is located just in front of the Terminal building. As a major transport hub interconnected with both road and rail, ensuring the airport's passengers can readily alight or board their vehicles at this key interchange is critical to the smooth running of the airport's operations.

To facilitate this, the Express Set Down & Pick Up area is made up of 4 zones, comprising a total of 110 individual parking spaces. Within this area, users are permitted to park their vehicles for up to 10 minutes for a nominal charge, whilst they drop off or pick up their passengers. Any vehicle overstaying this period is charged on a per minute basis. Marshals monitor the area on foot and encourage drivers to move on before incurring the penalty charge, but with 110 bays to watch, it is not always easy to spot the offenders. With the ever increasing threat of terrorist activity, there is also a serious security angle to consider and so the system needed additional resilience.

Clearview Intelligence worked closely with the airport's project team to design, install and commission a system of individual bay monitoring that saw an in-ground sensor installed in each bay across all four zones. The M300 Wireless Vehicle Occupancy Detection system's sensors connect up to a wireless RF system and detect and relay vehicle movements in and out of the bays back to the cloud based monitoring software in real-time. The system is constantly monitored by airport staff and connects with Variable Message Signs on the approach to the airport, displaying the availability of spaces on the each of the express zones and in all the short term car parks. The VMS signs can also display custom additional direction messages to approaching drivers.

The information facilitates analysis of usage trends by zone and by bay, assisting the identification of areas more prone to overstaying and driving more effective deployment of

marshals to target those customers who are about to breach the permitted parking time. The system can also be configured to notify others such as the police when prolonged presence of a vehicle in a bay has flouted the 10 minute threshold and may be perceived as suspicious and worthy of further investigation or action.

Talking about the project Nick Lanigan, Managing Director of Clearview Intelligence says “This project is a real showcase for the technology and clearly demonstrates how the M300 system can be used to make a real difference in a business critical environment. Lack of parking space availability in general is a major cause of congestion and at our major transport hubs such as Stansted, we cannot afford to see operations hampered because of simple traffic flow issues that can be readily controlled. This becomes especially acute now as we enter the peak holiday season when the airport sees the majority of its traffic.”

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Solutions that improve journey predictability, enhance safety, transform behaviour, reduce congestion and make parking easier. Intelligent solutions that combine first-class sensing technology, a powerful data intelligence and analytics platform and unrivalled ongoing service & support. Together with our partners and clients, we're making journeys work