

Press release

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FOR IMMEDIATE RELEASE

CLEARVIEW TRAFFIC KEEPS BUS STATION CUSTOMERS SAFE AND WARM

Over the last twelve months, Clearview Traffic Group Ltd have been working with Dorma UK Ltd, a leading specialist in the design of automatic door and access control systems, to assist in the development of a new solution to keep passengers safe and sound inside the newly renovated bus stations at Stanley and Consett in County Durham and away from the busy operational areas where buses are constantly on the move.

This project was undertaken as part of a much larger bus station refurbishment programme at the two stations as they sought to become flagship contemporary bus stations that could provide the same level of creature comforts and experience that today's travellers have come to expect in other modes of travel, such as modern airport waiting lounges.

Controlling access to the individual bus departure bays was an essential component of the project, first and foremost from a safety perspective to prevent passengers from wandering into the path of moving vehicles. Equally, from a health, comfort and environmental sustainability viewpoint, this solution means that unnecessary heat loss from the station could be avoided, thus minimising heating costs as well as preventing passengers from being exposed to any rain, wind or snow outside or even vehicle emissions.

Conventionally, access to the bus departure bays is controlled via door-mounted motion sensor systems, which are only activated when the presence of a bus has been detected in the bay by driving over inductive loops embedded in the road surface of the bay. However, these inductive loop systems have been a source of regular frustration, requiring frequent maintenance, repair or replacement, causing disruption and annoyance to passengers and operators alike.

By contrast, the M100BR system is quick and easy to install and will operate for up to 10 years without needing to replace the sensors. In place of inductive loops, the M100BR system utilises a wide band micro-radar sensor located in each of the bus departure bays to detect the prolonged presence of a bus in the bay and relays this presence information back to the motion sensor control system for the doors via wireless radio technology.

Using wireless technology satisfied another critical element of the customer's requirements; that its installation and daily operation should not require any unsightly street furniture or additional construction work that would detract from the sleek, polished appearance that the refurbished stations had now achieved. As a result of its successful trial, the installation now covers a total of 19 departure bays across the two bus stations and has been in operation since just before the Christmas period of 2013.

Nick Lanigan, Managing Director of Clearview Traffic says "This latest deployment represented a significant challenge and its success demonstrates a highly original integration between two entirely separate state-of-the-art technologies, showing what can be achieved with good collaboration and patient, trusting customers. It also proves the immense versatility of the M100BR

and its benefits versus traditional detection solutions and aligns perfectly with the high standard expected of 21st century bus stations.”

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For further information please contact:

Contact:

Theresa Percival

Marketing Communications Manager

Clearview Traffic Group Ltd

T 01869 362863

Theresa.percival@clearviewtraffic.com

<http://www.clearviewtraffic.com>

About the M100BR system:

<http://www.clearviewtraffic.com/golden-river/products-golden-river/art/58/m100br-radar-bicycle-detector.htm>

About Clearview Traffic:

Clearview Traffic brings together over 50 years of combined road safety and traffic data collection expertise in our multi-award winning brands: Astucia and Golden River. These brands are known and respected worldwide as pioneers and leaders in the field of Intelligent Transportation Systems (ITS), delivering innovative solutions that help reduce casualties on the world's roads, reduce congestion and safely increase the capacity and effectiveness of road networks.

Clearview Traffic Brands:

Astucia

The award winning market innovator for intelligent road studs

Golden River

A comprehensive range of intuitive, cost effective and sustainable traffic data management solutions, a leader in the field of automated traffic counting and classifying