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### **Low Emission Zone in London installed with Siemens technology**

Proven traffic monitoring equipment from Siemens Traffic Controls is being used by Transport for London (TfL) as part of the London-wide Low Emission Zone (LEZ), the first of its kind in the UK and the largest in the world. The scheme, which went live on 4 February 2008, discourages the use of the most polluting lorries, coaches and buses to improve air quality and health across the capital.

Siemens Traffic Controls operates the system using its automatic number plate recognition (ANPR) cameras at locations across the Capital. The cameras capture details of number plates, enabling TfL to identify those vehicles which do not meet the emissions standards of the Low Emission Zone.

The Low Emission Zone cameras are established at major points on the road network where high volumes of vehicular traffic have been identified. These are supplemented by a number of mobile camera units to randomly sample other routes. The technology utilised at the roadside captures the unique number plate identifier, which is processed against the DVLA's vehicle records; to identify known high polluting vehicles.

According to Transport for London, the Low Emission Zone will encourage operators to clean up their vehicle fleets by either replacing or modifying older diesel-engine vehicles that do not meet the emissions standards of the zone. Operators of the largest vehicles that do not comply with the standards will have to pay a £200 daily charge to drive these vehicles within the zone. In order to maximise improvements in air quality and health benefits the Low Emission Zone will cover the vast majority of Greater London and operate 24 hours a day, every day of year.

#### **About Siemens Traffic Controls**

As a division of Siemens plc, Siemens Traffic Controls designs, manufactures, installs and maintains a wide range of traffic engineering products and systems to enhance road safety and improve traffic flow in congested urban and inter-urban areas. In the United Kingdom, the company installs and maintains more traffic infrastructure than any other company and has over 800 employees including around 400 skilled service engineers dedicated every day of the year to maintaining over half of all traffic control equipment installed on the UK road network.

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