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### **New Apollo from Siemens helps manage traffic pollution**

**A new, enhanced roadside pollution monitoring system from Siemens is being introduced at Traffex 2007 at the NEC, Birmingham (17-19 April) on stand C1. The latest version of Apollo enables local authorities to introduce improved measures to manage the levels of pollution generated by road traffic. Apollo is capable of recording both gas and particulate pollutants and can be used to initiate alternative traffic plans in real-time.**

The Apollo pollution monitoring system can be used to monitor urban traffic pollution levels and provide an indicative analysis. Data trends can be identified through archived historical pollution levels and/or real-time monitoring.

Real-time data from the Apollo system can be used in conjunction with other more expensive data sources, such as national EU reference sites, to validate modelling software tools. Apollo can also be used to supply valuable information to traffic management tools such as Siemens' UTC and Comet, aiding decision making on future traffic management strategies.

According to the company's Product Marketing Manager, Khalid Butt, the new Apollo is a politically important product development in today's environment-conscience society. 'With the need to identify and proactively manage the sources of gas and particulate emissions, greater responsibility is falling on Traffic Managers to manage the road network to minimise the environmental impact of traffic related pollution', he said.

Available with sophisticated logging and graphical display features, the new Apollo roadside pollution management system offers a highly effective means to monitor gas and particulate emissions and influence traffic patterns. Small and unobtrusive, the Apollo sensors are able to record up to two gaseous pollutants simultaneously from Carbon Monoxide (CO), and Nitrogen Dioxide (NO<sub>2</sub>) in addition to PM<sub>10</sub> particulates.

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With its easy integration into existing traffic control and monitoring systems, data can be sent back to the UTC instation in real-time via an OTU, and additionally sent into the Siemens' Comet strategic management system.

### **About Siemens Traffic Controls**

As part of the Siemens Industrial Solutions and Services (I&S) group, 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 700 employees including 350 skilled service engineers dedicated every day of the year to maintaining over half of all traffic control equipment installed on the UK road network. The Siemens Industrial Solutions and Services Group (I&S) is an integrator of systems and solutions for industrial and infrastructure facilities, and global service provider for the plant and projects business covering planning, installation, operation and the entire life cycle.

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