
Poole, UK

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First trial underway of cloud-based traffic management from Siemens

Following its launch at Traffex 2013, Siemens Stratos has made its operational debut in the UK. South Gloucestershire Council is trialling the Stratos journey time application using data from a network of ANPR cameras to monitor the reliability of traffic times on key corridors and provide a baseline for measuring the impact of network strategies and improvements.

Developed using the latest cloud-based technology, Stratos delivers scalable real-time traffic management, information and control; from basic monitoring to strategic control of complex urban traffic environments. As a hosted solution, it offers high levels of availability, accessibility and support, in a cost effective manner and with the minimum of IT investment.

Tony Sharp, South Gloucestershire Council, sharing his experiences of the recent migration to Stratos and cloud control during the first day of the 2013 Siemens User Group, stated 'We chose Siemens Stratos as it represents a logical progression from our existing server based systems and provides a flexible and pragmatic solution to our strategic traffic management needs.'

Proven traffic management systems have been powerfully integrated to create Stratos and provide streamlined, seamless user interaction with access anywhere on smart mobile devices as well as traditional control rooms; the complete solution for car parking, VMS, strategic management and in the future adaptive traffic control – Traffic Management as a Service.

According to David Pregon, Product Manager, Stratos is the latest generation of traffic management, information and control systems from Siemens and the most effective solution available today. 'Stratos can be deployed using cloud infrastructure to provide a completely scalable solution, including full redundancy and standby options for complete peace of mind and continuous operation. Furthermore, mobile applications allow system monitoring to be easily implemented and shared with stakeholders for maximum engagement', he said.

Journey time information

The journey time application module uses ANPR or Bluetooth data to calculate journey times and includes a data fusion algorithm developed by Siemens in conjunction with the Transportation Research Group at the University of Southampton. Accurate and reliable journey time information is also intrinsically linked in Stratos to network management as triggers for the selection of strategic control measures to ensure the network operates efficiently. Using live journey time information and easy to visualise strategic tools, Stratos offers automatic network operation with minimal operator intervention.

Flexible deployment

With a range of different application modules, Stratos brings the latest technology to traffic management infrastructure, with flexible deployment options to address individual customer requirements. Using browser based user interfaces with easy workflows, the system is ideally suited to the modern work environment where access is often needed to traffic management away from the traditional control room.

Contact for journalists:

Head of Communications, Peter Preston

Phone: 01202 782390 E-mail: peter.preston@siemens.com

PR Account Manager, Julian Gollogly

Phone: 07770 924441 E-mail: julian.gollogly@ntlworld.com

For further information and **press pictures** please see: www.siemens.co.uk/traffic

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* Data includes intercompany revenue. Data may not be comparable with revenue reported in annual or interim reports.

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