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Siemens completes traffic communications switch in Scotland

Site acceptance tests have been successfully carried out in Perth and Kinross on a new fibre optic network and upgraded traffic control system designed, supplied and installed by Siemens Mobility, Traffic Solutions.

According to Senior Engineer, Scott Denyer representing Perth and Kinross Council, the new system is working extremely well and is more cost effective for the authority on an ongoing basis. 'Working with its fibre technology partner, SCD, Siemens has designed and delivered a complete solution with total resilience in the event of component or cable faults and more than 100% growth capacity,' he said.

The new fibre optic network provides real-time communications between the new control system and controllers at 25 traffic signal junctions all fitted with new IP based data transmission units. In addition to the control of traffic through Perth, the authority also operates a number of CCTV cameras to monitor traffic flow around the road network.

'Previously, the authority relied on the use of leased, traditional analogue phone lines to each on-street location making communications very expensive', added Scott Denyer.

Sixteen existing CCTV cameras linked to the central offices have now been diverted to the new fibre switches and the whole CCTV system has been upgraded with replacement Urban Traffic Control hardware to incorporate PC SCOOT and the latest specification.

Latest technology on show in Glasgow

Providing an opportunity in Scotland to demonstrate the company's approach to addressing environmental issues and helping traffic managers maximise the capacity and performance of their road networks, Siemens will be represented at the forthcoming Scottish Transport Conference and Exhibition 2009 at the SECC, Glasgow on 15 September.

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Urging traffic managers and engineers interested in the latest traffic technology from Siemens to attend the event in Glasgow, the company's Regional Sales Manager Dick Scott said: 'With new designs and equipment embracing innovation and sustainability, Siemens will further underline its primary position as partner of choice for traffic solutions in Scotland.'

Now in its third year, the event brings together key decision-makers from across the transport sector, and provides a showcase for major project updates and an opportunity to explore best practice in project delivery and collaborative working.

About Scottish Transport Conference and Exhibition 2009

The Scottish Transport Conference aims to provide a valuable forum for discussion of the opportunities and challenges arising from the Strategic Transport Projects Review and the latest developments in Scottish transport policy and delivery.

A safe, integrated, and efficient transport infrastructure is vital to delivering increased social inclusion and sustainable economic growth for Scotland, in particular in the light of the current global downturn. This conference will explore the ways future prosperity depends on providing strong connections between Scottish cities and towns as well as the rest of the UK and global markets.

Maximising efficiency and tightening project costings will be of heightened concern for both Transport Scotland and contractors in the current economic climate. Bringing together key decision-makers from across the transport sector, Scottish Transport 2009 will provide a showcase for major project updates and an opportunity to explore best practice in project delivery and collaborative working.

About Siemens in the UK

Siemens was established in the United Kingdom 166 years ago and now employs 18,402 people in the UK. Last year's revenues were £3.7 billion. As a leading global engineering and technology services company, Siemens provides innovative solutions to help tackle the world's major challenges, across the key sectors of energy, industry and healthcare. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit www.siemens.co.uk

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