

Siemens unveils improved data communications for Urban Traffic Control

Following extensive research, development and successful trials, Siemens Mobility, Traffic Solutions based in Poole, Dorset has released its latest UTMC-compliant outstation transmission unit (OTU). Providing customers with the full benefits available within SCOOT MC3 and fully implementing the latest UG405 communications protocol, the new technology is being showcased at the UTMC Conference at the Council House, Bristol this week (10/11 December 2009).

According to the company's Head of Product Management, Keith Manston, the introduction of the new UTMC OTU and associated Siemens instation components has the potential to initiate a dramatic shift in the way UTC control is implemented on street. 'Not only does the system revolutionise the way outstation equipment is managed but, by the use of time-stamped communications, it enables a wide range of communication options to be used,' he said.

'Importantly, flexibility in communications offers customers the opportunity for significant savings in revenue by either using lower-cost IP communications links or sharing existing IP communications infrastructure for SCOOT control,' he added.

Additional system benefits include an enhanced web-based user-friendly interface enabling easy access to all OTU features from the instation and full integration of four MOVA 6 streams which may be activated either manually or automatically from the UTC instation. When associated with Siemens' new Outstation Support Server (OSS), the UTMC OTU offers features unique to Siemens. The OSS provides complete management of all UTMC OTU firmware and configuration data associated with OTUs within a particular system without needing to venture 'on-street'.

The new UG405 MIB integrates time-stamping which allows a wide choice of communication options to be considered. 'Ensuring the system is more tolerant of poor communications, the UG405 MIB with time-stamping, used in conjunction with SCOOT MC3 allows message packets which arrive delayed or out of sequence to be dealt with effectively whilst maintaining the benefits associated with SCOOT adaptive control,' Keith Manston stated.

About Siemens

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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