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## The growth of Siemens Design Services

The company's design and consultancy services group continues to go from strength to strength with a dedicated team of more than 35 traffic engineers now operating from regional offices in Belfast, Glasgow, Droitwich, Lincoln and Poole.

According to Brian Carpenter, the company's Business Manager for Design Services, 'we offer a full range of design services from simple equipment configuration to the design and implementation of comprehensive Intelligent Transport Systems. Our expertise includes the design, operation and management of signals and systems, offering best value to our customers across the total range of services and products'.

### Microsimulation

By combining the power of microsimulation with SCOOT, the company is now able to fully emulate adaptive traffic control. Using this new combination, microsimulation now has the ability to accurately model the method of control used in more than 170 towns and cities worldwide.

Adding to the experience of working with other microsimulation software, Siemens will be working with Southampton City Council and TSS - Transport Simulation Systems on a project which will produce an offline version of the Southampton ROMANSE system (including COMET, UTC and SCOOT) linked to the Aimsun suite of products such that detailed analysis of the City's main routes can be undertaken. The first phase of this development will use the Aimsun software to update an existing model of the Bitterne Bus Gating Scheme.

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### Traffic Solutions, Siemens Mobility

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According to Alex Gerodimos of TSS, the company is delighted to be working with Siemens to develop an interface between Aimsun and SCOOT. "This development is an important step towards a simulation-based strategy assessment platform for Southampton City Council", he said.

Other services and facilities include:

### **A full range of traffic signal design services**

Designs are implemented using the latest legislation and guidelines and all designs are completed under CDM regulations. The aim is to provide maximum benefit from investment in equipment, to reduce implementation costs. Siemens takes ownership of challenges and has a complete turnkey capability.

### **SITRAFFIC Office**

On show at Traffex 2009 (21-23 April 2009, NEC Birmingham – stand C10), SITRAFFIC Office provides a suite of innovative tools to support the paperless office. It provides intersection and network optimisation and has significant data export tools for other 3rd party applications.

### **Junction assessment and design**

Siemens' traffic signal design team offers on-street assessment of traffic signal installations, so that any potential improvements in the way the junctions operate can be identified, along with any opportunities for modernisation.

### **SCOOT and MOVA configuration and validation**

Many customers both in the U.K and abroad, rely on Siemens for their validation work, and a broad knowledge of different applications and sets of conditions. Siemens engineers have considerable expertise of the latest version of the Siemens UTC, SCOOT and MOVA software, including recently introduced aids to validation and data entry.

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## **Transport assessment**

As a leading provider of transport solutions, Siemens is in an ideal position to review proposals within the context of local and national policy objectives and operational priorities.

## **Systems operation**

Siemens' system operation service has been tailored to suit the growing needs of local authorities. This can be achieved by placing staff locally at the customers' premises or could be achieved using the remote terminal capability of the UTC system. The system is interrogated to ensure normal operation on a managed basis.

With the Siemens team on hand at Traffex 2009, transport professionals and traffic managers visiting the exhibition are invited to see the company's display and meet the Design Services representatives.

## **About Siemens**

Siemens design, manufacture, install and maintain 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 Traffic Solutions business has around 800 employees including approximately 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.

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