

Siemens UTC in operation worldwide

Dubai, one of the fastest growing cities in the world, has upgraded its Urban Traffic Control (UTC) System to Siemens PC SCOOT. Meanwhile, La Serena, Chile's second oldest city (after Santiago), and the region of Coquimbo have recently installed a new Urban Traffic Control (UTC) system from Siemens increasing further the number of Siemens' UTC systems operating in the country. The largest Siemens' UTC system installed worldwide operates in Chile's capital city Santiago.

The contract for the supply and installation of the new Dubai UTC system was awarded by the city's Roads and Transport Authority (RTA) to local agency Scientechnic. In partnership with Siemens, the project was commissioned in record time and seamlessly migrated without any incidents or interruption to the city's traffic flow.

According to Vijith Mukundan representing Scientechnic, the advanced PC SCOOT system from Siemens will monitor and control over 300 intersections in Dubai. 'Upgrading to the new system will improve the efficiency of the network and provide the customer with the flexibility to choose communications options for traffic controllers. Windows-based PC SCOOT servers also provide easy maintenance and backup functions,' he said.

Dubai's advanced system is now operated by two traffic control computers and one traffic management computer along with an upgraded UTMC-compliant common database system using UTMC V2.0 standard for interfacing with PC SCOOT.

Serving a population of over 1 million residents, Dubai's network of over 1,000km of major and minor inter-city and intra-city roads is managed by the RTA. With car ownership higher than many major cities and traffic congestion the single biggest concern among Dubai's residents, new infrastructure including the Dubai Metro, new bridges and a complex series of new flyovers is planned to help ease future congestion.

More Siemens UTC in Chile

In La Serena, Siemens' PC SCOOT will monitor traffic control equipment at over 110 intersections across the area including new controllers at 70 sites and existing controllers at 45 sites on behalf of the local operating company Auter Limited.

The project and installation of the new UTC system by Auter included a major upgrade of the region's impressive new Traffic Control Centre and the supply of Siemens' latest UTMC-compliant outstation transmissions units (OTU), providing the benefits of the company's latest version SCOOT M3 and the latest communications protocol. In addition, a number of CCTV cameras and a new UTC communications network have been supplied.

Representing Auter, Marcelo González Franco, Director of Operations described the new system as a significant event in the region's recent growth. 'The new Traffic Control Centre and the installation of Siemens' UTC and associated improvements will enable the region to operate the road network and traffic more effectively for the benefit of the growing number of visitors to the area and all residents', he said.

Siemens UTC systems operate in over 200 cities and towns around the world. SCOOT MC3 includes enhancements that remove the reliance on second-by-second communication. This increases the range of communication options available and in particular allows the use of packet based data communications systems.

La Serena is a modern urban centre with 140,000 residents and a growing number of leisure attractions and commercial activities including museums, architecture, tourism and shopping among the most important to the local economy.

Integrating the world leading adaptive traffic control algorithm, Siemens' PC SCOOT system offers numerous benefits for effective management of traffic and reduction of congestion and delay to network users. Operating on a PC, the system interfaces seamlessly into UTMC solutions, offering the latest communications solutions alongside reduced equipment and maintenance costs. Available in 2011, SCOOT MMX integrates into PC SCOOT offering additional features for the management of vehicles and pedestrians, maximising network efficiency.

Notes to editors:

About Siemens in the UK

Siemens was established in the United Kingdom 168 years ago and now employs around 16,000 people in the UK. Last year's revenues were £4.1 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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