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Siemens set for Raitex 2011

Siemens will showcase its complete portfolio of rolling stock, rail automation and electrification technologies on stand (D31) at this year's Raitex (14 – 16 June 2011, Earl's Court Two).

The Desiro City – the new train concept designed specifically for commuter and interurban services in the United Kingdom – will be on display. Developed through a €50 million, two year investment programme, the new train builds on the global success of the Desiro platform and features a range of technologies to improve environmental credentials and offers maximum flexibility for operators, passenger safety and comfort. The lightweight construction of the Desiro City train and the bogies combined with an intelligent vehicle control system reduce total energy consumption by up to 50% compared with its predecessors. The Desiro is a proven and reliable platform – in November 2010 Siemens won the coveted Golden Spanner for the Desiro Class 444.

The Inspiro metro platform will be on show for the first time in the UK, with a 10 by 3 metres mock up on the Siemens stand. To meet the diverse demands of tomorrow's urban public transport, Siemens has with the Inspiro developed a metro that sets new standards in its class. Inspiro brings maximum utility through high transport capacities and low operating costs combined with energy efficiency and environmental friendliness at all stages from manufacture and daily operation to almost complete recyclability.

The Velaro high speed train which operates successfully in Spain, China and Russia and which enters revenue service in Germany later this year, will also be featured on the stand with a scale model. The Velaro will soon be running in the UK as the Eurostar E320, after Siemens finalised a €750 million contract in December 2010 with Eurostar International to supply ten Velaro trains – as well as depot modifications and ten years of service. The new trains will be 400 metres long, accommodate up to 900 passengers and travel at speeds of 320 km/h. The Velaro platform incorporates many innovative features including distributed traction. In addition, the E320 offers increased passenger capacity of up to 20 percent as well as improved passenger comfort. The new trains will be built at the Siemens plant in Krefeld and will be delivered progressively from 2014.

As well as Rolling Stock, Siemens will exhibit a comprehensive array of trackside innovations, products and solutions including RailBAM[®], a Bearing Acoustic Monitor system. It uses acoustics methods to implement Condition Monitoring for the roller bearings of underway rolling stock. RailBAM[®] detects and ranks axle-bearing faults and 'acoustic' wheel flats and provides advanced warning of failure..

Trainguard, Siemens' European Train Control System (ETCS), will be on show. This market leading product has been developed from many years of experience and long-standing expertise in the field of train control. Siemens' solutions for wheel sensors and track circuits will also be displayed.

RailCom Manager, Siemens' station management system, will also be demonstrated. Allowing easy access to data sources and efficient management and control of station systems, RailCom Manager provides a cost-effective and reliable control system which is compatible for integration with all existing systems to put the control firmly at the fingertips of the user with touchscreen technology.

Other products and solutions being showcased by Siemens at Railtex include comprehensive electrification solutions, and the Avenio low floor tram.

Ends

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

As part of the Siemens Industry Sector in the UK, Siemens Mobility employs around 1600 people, providing expertise and technology in rolling stock, rail infrastructure, traffic solutions and infrastructure logistics to the UK transport industry.

In Rolling Stock, Siemens Mobility provides and maintains passenger trains for First TransPennine Express, South West Trains, Heathrow Express, National Express East Anglia, Northern Trains, London Midland and ScotRail.

With proven capability in rail automation, Siemens Mobility has delivered a major re-signalling project in the Portsmouth areas, traction power upgrades across the UK and new telecommunications systems in London and the west of England. It is also delivering the GSM-R cab radio solution for the entire UK rolling stock fleet. For more information on Siemens Mobility please visit www.siemens.co.uk/mobility.