

16 July 2009

### City comes to town

#### **- Innovative new train can reduce energy consumption by 50 per cent -**

Leading rolling stock provider Siemens today brought towns and cities across the UK a step closer together with the launch of its latest platform – the innovative and environmentally friendly Desiro City.

Building on the global success of the current Desiro, and following a €50 million investment and development programme that has taken over two years, the Desiro City is an evolutionary model that takes flexibility, passenger safety and comfort to new levels. The UK is the first country in the world to have access to the new train which offers significantly lower operational costs than current models.

Key features include:

- **A single car concept** – a highly flexible and modular design with a combination of motor and trailer cars for tailored performance levels
- **Significantly reduced train weight** – weight optimised equipment and an aluminium bodyshell results in a train that is 25% lighter than current UK fleets
- **Ultra modern flexible and modular interior design** – allows multiple interior configurations for enhanced passenger comfort and maximum passenger capacity
- **Energy efficient and environmentally friendly** – an advanced driver advisory system, improved aerodynamics, an intelligent air conditioning system and intelligent stabling modes and are just some of the highlights. Together, the Desiro City's reduced weight and environmental features enable primary energy consumption reductions of up to 50%
- **High capacity solution whilst ensuring track friendliness** – lightweight bogie design with inboard bearing concept and optimal wheelbase result in significantly less track wear
- **Designed with maintainability in mind** - the train design incorporates extensive maintenance and servicing improvements and innovations based on the expertise and lessons learned from the current Desiro UK.

Steve Scrimshaw, Managing Director Rolling Stock for Siemens Mobility in the UK, commented: "The UK has a particularly challenging requirement when it comes to rail, combining city and suburban centres with rural routes and differing passenger volumes."

He continued: “The Desiro City, taking the very best elements from our proven (and popular) Desiro platform and incorporating the latest technology and innovation, ideally meets these requirements. It is better for passengers, for drivers, for train operators and for the environment – a second generation solution that really is evolution in motion.”

Siemens has an enviable track record of developing, and delivering, efficient rail solutions that work ‘out of the box’ on the UK rail network as all trains are fully tested on the company’s unique test track in Wildenrath, Germany, prior to entry in the UK. This minimises disruption on the UK rail network.

Most recently the company has received significant orders from London Midland (37 x Desiro Class 350/2), the first of which was delivered on time just 55 days after entering the UK and just 16 months after order placement, with the final train scheduled for delivery at the end of this month, and ScotRail (38 x Desiro Class 380), due for initial passenger service in Autumn 2010.

*-ends-*

**Notes to editors:**

**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](http://www.siemens.co.uk)

As part of Siemens in the UK, Siemens Mobility employs around 1800 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 and London Midland. New trains are currently in production for ScotRail.

With proven capability in rail automation, Siemens Mobility has recently 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 developing 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](http://www.siemens.co.uk/mobility).

**For more information, contact:**

Laurie Waugh  
PR Manager  
Siemens plc  
Tel. +44 (0)1276 696310  
Mob: +44 (0)7921 242074  
[laurie.waugh@siemens.com](mailto:laurie.waugh@siemens.com)