

Frimley, UK
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Siemens to supply Crossrail with Control and Communications Systems

Siemens has been selected to supply the operational control and communications systems for Crossrail's 21 kilometre long tunnels and 9 new central stations. Crossrail will link suburban routes to the east and west of London, providing more effective travel across the London for an estimated 750,000 daily commuters. Crossrail Limited has placed an order with Siemens worth approximately £43 million. Commissioning of the overall line is scheduled for the end of 2018.

For the route's central section, control room and selected stations, the Siemens technologies deployed will provide:

- integrated station management,
- line management,
- security and information,
- SCADA systems.

Siemens will develop and deliver the product portfolio for this contract with Crossrail from its international technical centre in Ashby de la Zouch, Great Britain. Additional jobs will be created by Siemens as a result of the Crossrail Control and Communications Systems contract.

Siemens will provide multiple communications technologies including; Data Network/Optical Fibre Network, Private Mobile Radio (PMR) Radiating Infrastructure, GSM-R/Airwave/LFEPA Ch5 Radio Systems and Public Cellular Radio Radiating Infrastructure.

Gordon Wakeford, Managing Director Infrastructure & Cities Sector UK said:

“We are delighted to be selected for the Crossrail Control and Communications Contract. Crossrail is a prestigious infrastructure project for London and the UK and we will deliver first class integrated British control system technology, which will allow passengers to reap the benefits of the new line in a safe, secure and well informed manner. Our Siemens technologies have an excellent pedigree having previously been deployed in and around the London rail network and are thus proven to provide unrivalled benefits to both passengers and rail operators. This contract award, coupled with the previous award of the Crossrail central section signalling and control equipment contract to the Siemens Invensys consortium, demonstrates our commitment to investing in UK jobs and industry. ”

Beneath the centre of London the 21 kilometre long rail tunnel will constitute a twin-track east-west connection, linking the Great Western Main Line at its present terminus, Paddington, with the Great Eastern Main Line at Stratford. The tunnel is the centrepiece of the London Crossrail project which will comprise a 118 kilometre long line from Maidenhead and Heathrow in the west to Shenfield and Abbey Wood in the east. When Crossrail opens, up to 24 trains per hour are scheduled to travel along the core section, with an estimated 200 million passengers per year, providing much-needed additional transport capacity for London’s transport network.

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