

Transportation Systems

For the trade press

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Siemens to modernize five Paris Metro lines

As part of a large-scale modernization program to modernize its train control system for five Paris Metro lines, the Paris mass transit operator RATP has awarded an order to Siemens Transportation Systems (TS). Under this order Siemens is to equip Metro Lines 3, 5, 9, 10 and 12 with ultramodern train control and route protection systems, thus reaffirming the leading role it plays in the field of mass transit automation.

Siemens will supply not only the technology for transmitting data between the trackside and on-board equipment for all five lines, but also the on-board equipment for the trains on Lines 3, 10 and 12 (117 metro cars Type MF67) and the trackside equipment for Line 5 and Line 9 (34.2 kilometers).

This technology is founded on the communication-based train control (CBTC) system already being installed by Siemens on Paris Metro Line 14, New York Subway's Canarsie Line and Line 9 in Barcelona. RATP is equipping its Metro Lines 3, 5, 9, 10 and 12 with an essential component of that system: namely, spread spectrum radio, which Siemens is also supplying for the metro lines in New York and Barcelona.

CBTC fulfills the RATP requirements for interoperability, thus enabling trains equipped with Siemens automation technology to also run on lines that are provided with equipment from other suppliers and vice versa.

This modernization work is to commence at the end of March 2004 and will not disrupt metro service. The new systems are due to enter operation between 2007 and 2009, starting with Line 3 and finishing with Line 5.

The **Transportation Systems Group** (TS) of Siemens AG is one of the leading international suppliers to the railways industry. As single source supplier and system integrator, the Group combines in its business segments Automation & Power, Rolling Stock, Turnkey Systems and Integrated Services all the expertise necessary to cover the spectrum from signaling and control systems to traction power supplies, as well as rolling stock for mass transit, regional and main line services. Extensive experience in project management and forward-looking service concepts complement our portfolio. In fiscal 2003 (ended September 30) TS generated sales of EUR4.7 billion with a staff of around 17,700 the world over. Further information on TS can be found at www.siemens.com/transportation