



NEWSLETTER



WE KEEP IN TOUCH



April 2009

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> What applications you're interested in?

TRainCom® radio data transmission for:

- > Communication-based train control (CBTC)
- > Driverless operation (ATO/UTO)
- > Video surveillance (CCTV)
- > Voice communication (VoIP)
- > Passenger infotainment system (PIS)
- > Wireless Internet access
- > Passenger counting (APC)
- > Transportation management system (TMS)
- > Online advertisement systems

> TRainCom MT for metro line 9 in Barcelona

Together with Spanish partner and main contractor EMTE Sistemas, TELEFUNKEN RACOMS has secured a contract in Barcelona to supply a high-performance radio communication system for digital data transmission from metro trains. The order value totals several millions of Euros.

The contract relates to the supply, installation and commissioning of a broadband,

failsafe TRainCom[®] MT radio communication system to enable the simultaneous transmission of multiple data communication services.

In more specific terms, besides delivering passenger information data and operational control information, this project is to also provide the capability for high resolution real-time video transmissions from the traveling trains to a control center. Due to its high transmission efficiency and a transmission rate of up to 64 Mbps, the system also offers reserves for future new applications.

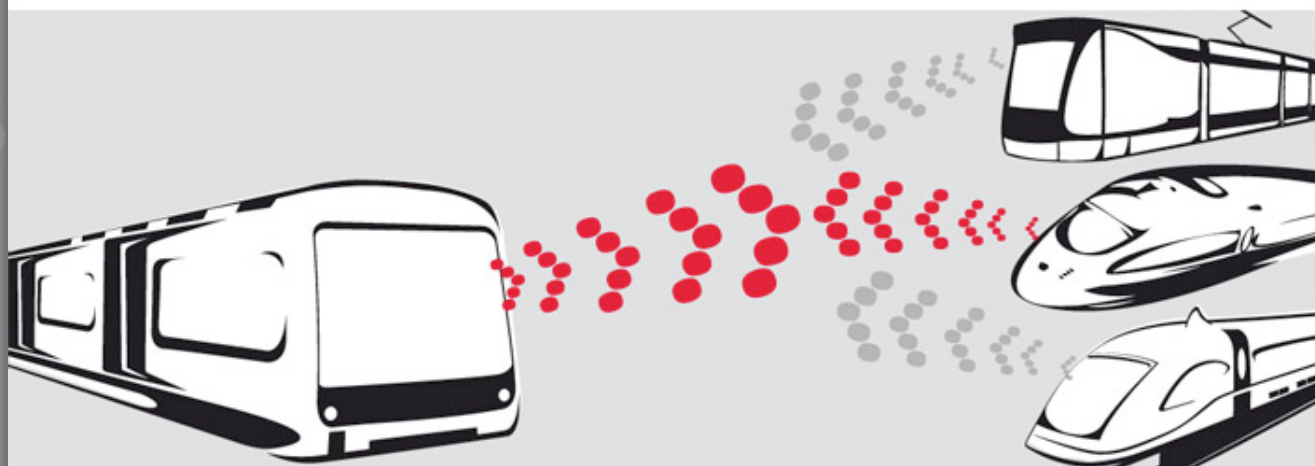
The entire metro line 9 project encompasses about 100 kilometers of track most of it underground. After its completion it will probably be the longest metro line in Europe. The ordered radio system will be completed ahead of when metro line 9 is scheduled to go into service at the end of 2009 and will make a significant contribution to safe railway operation.

> **TELEFUNKEN RACOMS at the MetroRail 2009 conference**



During the annual MetroRail conference in London (30th march – 2nd april), TRainCom[®] was presented to the participants of this event. It's been a pleasure to meet and discuss with you. If you've missed this chance, we'll invite you for a next opportunity coming soon.

> **TRainCom[®]: Radio Systems for Rail Applications**



Dedicated TRainCom[®] system solutions are available for:

- > Mass Transit applications (TRainCom® MT)
- > High Speed Train applications (TRainCom® HST)
- > Tram and other metropolitan transport applications (TRainCom® TN)
- > Maglev train applications (TRainCom® MAGLEV)

> **Another successful live demonstration of TRainCom®**



After some technical demonstrations in Asia last year, in the first quarter of 2009 TELEFUNKEN Racoms has got another opportunity for a live demonstration of TRainCom® in Europe.

During the final commissioning phase of the brand-new metro line in Seville (Spain), TFK has been able to install a TRainCom® MT radio system for demonstration purposes to European visitors.

In this demonstration an elevated viaduct and a metro tunnel section of about 3.5 km track length have been equipped to show and demonstrate the radio system. Here, the TRainCom® MT system has again proven its outstanding performance during many demonstration runs with the trains.

Meanwhile this temporary demonstration site has been dismantled to enable the inauguration ceremony and scheduled operation of the new metro line.

We would like to thank Metro Seville and the Railway Authority of Andalucia for their good support during all the demonstrations.

> **Let's keep in touch: more information**

For further information please click the links below.
In case of questions do not hesitate to contact us.

- > www.tfk-racoms.com
- > [Download Product brochure \(1 MB\)](#)

> **Next TRainCom® events**

At present, we're preparing for our next exhibitions and conferences.
More information will be given in our next newsletter.

> **Impressum**

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