

Hypertac Ltd.

36-38 Waterloo Road, London NW2 7UH
T:+44 (0)20 8208 9230, F:+44 (0)20 8452 5142
www.hypertac.com
www.smithsinterconnect.com

Smiths Interconnect

News Release

London, April 2005
For immediate release

Hypertac develops customised connector for SNCF and Alstom



For improved reliability in electronic systems, Hypertac offers interconnection solutions based on the Hyperboloid contact, which are designed for applications in harsh environments, such as railways.

In particular, Hypertac has developed a customised connector for the French Railways (SNCF) and Alstom, which meets the demands of the ERTMS (European Railway Traffic Management System) project. Aimed at railway interoperability, this new European signalling standard has been developed to allow for precise visualisation of each train's position on the tracks by using a combination of mobile communication systems (GSM/R) and GPS global positioning.

The project involved two technical challenges: the integration of a unique recognition code for each locomotive that will be transmitted with the GPS positioning information, and adapting the length of the connector cables for every train configuration. These benefits add to the intrinsic performances of Hypertac's connector range, such as auto alignment, which guarantees the reliability of the interconnection.

Hypertac offers complete solutions for railway applications ranging from single connectors to complete cabling systems. The company's know-how relies on the superior technology of the Hyperboloid contact, which contributes to maximising the reliability of electronic systems, even under extreme operating conditions.



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About Hypertac

Hypertac is part of Smiths Interconnect, a Smiths Group plc company, and has offices worldwide in Italy, UK, France, Germany, the USA, Japan and China.

Hypertac is a leading supplier of world class interconnect solutions to electrical and electronic applications requiring superior quality, performance and reliability.

Hypertac connectors utilise the superior performing Hyperboloid contact technology, ideal for harsh and demanding environments and offering the following benefits: low insertion/extraction forces, shock and vibration immunity, high current and voltage ratings, low electrical contact resistance, long life and low rate of wear. Products range from filtered ARINC to metal circulars, modular and PCB connectors.

About Smiths Interconnect

Smiths Interconnect, a division of Smiths Group, is a global provider of electronic application specific components and sub-systems for the electronics interconnect, telecommunications, medical, industrial, aerospace as well as military and satellite markets worldwide.

Smiths Interconnect businesses comprise of; EMC Technology, Florida RF Labs, Hypertac, LEA International, PolyPhaser, Radio Waves, Sabritec, Summitek Instruments, TECOM Industries, Times Microwave Systems, TRAK Microwave, Transtector Systems, Smiths Interconnect Shanghai and Smiths Interconnect Japan. Each business is a leader in its field and trades under their own strong brand name.