



GE Transportation Selects Summation Research UHF/VHF Data Radios For Use In Rail Systems

Multi-Mode Data Radio to be used for both legacy Analog and advanced Digital needs

Melbourne, Fla.—November 16, 2009 —Summation Research, Inc. (SRI), today announced a multi-year agreement to supply innovative VHF and UHF data radios to GE Transportation for their LOCOTROL® locomotive control systems and other rail applications. This agreement continues a successful 10 year relationship between SRI and GE Transportation for high-power data radios deployed with railroads worldwide, provides increased performance and capabilities for new and existing users, and introduces an advancement in narrowband data radio transmission techniques.

Under the agreement Summation Research will supply the STR-1800 Multi-Mode Data Radio, a new generation of its STR family of mobile data radios that provides increased performance and functionality for deployment in legacy 25 KHz and newer 12.5 KHz and 6.25 KHz channels subject to FCC narrowbanding mandates.

SRI is a leading supplier of advanced products for defense, civil, and commercial satellite, aircraft and missile test range, and test & measurement data communications and telemetry applications. SRI has been able to leverage knowledge and experience in these markets to apply proven, reliable military SOQPSK-TG telemetry transmission techniques to commercial Land Mobile Radio (LMR) data communications. Previous industry practices relied on variations of FSK and GMSK techniques to meet narrowbanding 6.25 KHz channel requirements. This breakthrough significantly improves link reliability and performance for applications requiring extended operating ranges over difficult terrain. The radio features an output power level up to 45 Watts and is available for domestic and most international uses supporting analog and digital signals.

“Summation Research is honored to continue our support of GE Transportation”, said Tom Drago, Vice President of Business Operations at Summation Research. “A unique ability to apply our knowledge and experience gained in high bandwidth satellite, aircraft, and range telemetry markets to this challenging narrowband railroad telemetry requirement allows SRI to continue a long standing successful business relationship with GE. This breakthrough can also provide new methods for small satellite telemetry and communications needs.”

The products to be supplied under this contract are part of a family of transmit and receive Land Mobile Radio, Satellite and Range Telemetry and Communications, and Wireless Sensor Telemetry equipment built by SRI.

About Summation Research, Inc.:

Summation Research, Inc. (SRI) is an engineering and manufacturing company that for 20 years has provided high performance data acquisition, telemetry, and communication products and systems to defense, government and commercial markets worldwide. Located in Melbourne, Florida, SRI’s products address fixed and mobile applications requiring the gathering, processing, and communication of vital test and operational data across a street, to an aircraft, or to orbiting satellites. The Company also provides board-level embedded communication solutions and custom development expertise addressing challenging requirements for OEM equipment providers and system integrators. Learn more about SRI at www.summationresearch.com or by calling (321) 254-2580.

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SRI's PressLink includes electronic copies of this release, company information and past press releases, and both web and high-resolution images of the STR-1800 UHF/VHF Data Radio.

Access PressLink online at <http://www.summationresearch.com/presslink>

Release PDF: <http://www.summationresearch.com/summation/PDFs/STR-1800.pdf>

Product Brochure: <http://www.summationresearch.com/summation/PDFs/STR-1800.pdf>

Picture, STR-1800 (TIF, 300 dpi, CMYK):

Product Only: http://www.summationresearch.com/summation/PDFs/STR-1800_CMYK_300dpi.tif

With Application Background:

http://www.summationresearch.com/summation/PDFs/STR-1800_Appl_CMYK_300dpi.tif

Picture, STR-1800 (JPG, 300 dpi, RGB):

Product Only: http://www.summationresearch.com/summation/PDFs/STR-1800_RGB_300dpi.jpg

With Application Background:

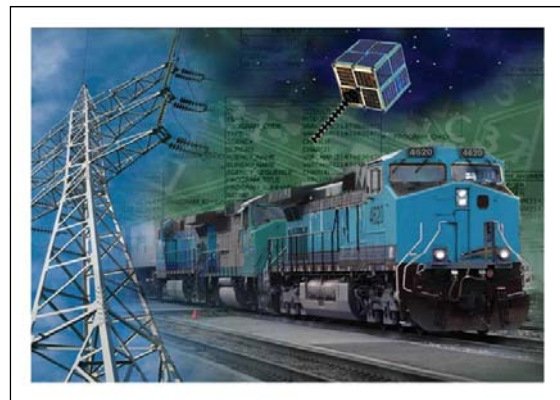
http://www.summationresearch.com/summation/PDFs/STR-1800_Appl_RGB_300dpi.jpg

Picture, STR-1800 (JPG, 96 dpi, RGB):

Product Only: http://www.summationresearch.com/summation/PDFs/STR-1800_RGB_96dpi.jpg

With Application Background:

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