



## Press Release

### **EADS North America Test and Services Enhances the Racal Instruments™ 1257A, RF Interface Unit (RFIU) Switch System Family**

**IRVINE, Calif., September 16, 2013** – EADS North America Test and Services, a division of EADS North America, Inc., announces that its 1257A RF Interface Unit (RFIU) switch system is now a LXI Core 2011-compliant device. With this certification, the company's family of scalable and modular RFIU switch systems, which includes Commercial Off-The-Shelf (COTS), Developmental, and Custom versions, is available in sizes from 1U to 6U, and now offers a web-based LXI control interface.

The 1257A is a COTS modular RFIU that is available in 1U through 4U height. The 1257A offers a broad range of front-panel mounted, pre-qualified relay options that can be mixed and matched depending upon the requirement. The number of relays, frequency ranges of 18, 20, 26.5, or 40 GHz, and the switch topology of the relays are customer-selectable and easily configured. This inherent flexibility enables the modular COTS solution to meet diverse scalable application requirements resulting in lower cost and shorter lead-time than a fully customized RFIU solution.

The Racal Instruments™ 1257A-D is a development RF platform that includes pre-engineered hardware and software building blocks to enable our customers to design and assemble their own customized RFIU solution. The unit is entirely scalable, supporting up to 480 channels of control, indicator, and LED, and is ideal for development projects where RF switching and signal conditioning requirements may evolve or change rapidly. The 1257A-D is easy to assemble, program, and support.

The 1257A-C is a fully customized RFIU solution that is engineered, fabricated, and tested by EADS North America Test and Services to meet specific customer-driven application requirements. Although each 1257A-C is completely tailored to individual customer needs, it is based on a standardized platform and has a fully documented design, resulting in COTS-like reliability and 100% reproducibility. The benefits of outsourcing a custom RFIU design-and-build project to EADS North America Test and Services include faster engineering, simplified procurement, faster fabrication, performance verification, and long-term support.

With industry-standard interfaces, a rich SCPI command set, and IVI drivers, the RFIUs are easy to use and compatible with most software environments. In addition, all units include relay counters to monitor end of life, so the user will know when the relays need to be replaced. "EADS North America Test and Services has a long history of providing exceptional switching products," said Jim Mulato, president. "We continue to develop, enhance, and improve our product offerings; all three options of the 1257A RFIU family now support LXI/Ethernet, USB and GPIB control interfaces."



The 1257A RFIU switch system family is designed and manufactured at the EADS North America Test and Services corporate headquarters in Irvine, CA.

**About EADS North America Test and Services ([www.ts.eads-na.com](http://www.ts.eads-na.com))**

EADS North America Test and Services, a division of EADS North America, is a recognized leader in the test and measurement industry. We design, manufacture and support Automatic Test Equipment (ATE), instruments and switching systems, integrated systems, and software that are used to assure the quality, safety, and readiness of our customers' mission-critical products. Manufactured in Irvine, CA, our products are used extensively in production test environments, including many leading electronics, semiconductor, and aerospace companies, as well as in field test environments by all branches of the military.

**About EADS North America ([www.eadsnorthamerica.com](http://www.eadsnorthamerica.com))**

EADS North America is the U.S.-based operation of EADS, a global leader in aerospace, defense, and related services. EADS contributes more than \$14 billion to the U.S. economy annually and supports over 225,000 American jobs through its network of suppliers. EADS North America, headquartered in Herndon, Va., offers a broad array of advanced solutions to meet U.S. military and commercial requirements, including fixed- and rotary-wing aircraft, homeland security systems, public safety communications, defense electronics and avionics, and threat detection systems.

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Racal Instruments™ 1257A Module RF Interface Units (High resolution photo available upon request.)

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