



RF Engines Ltd,
Innovation Centre
St Cross Business Park
Newport
Isle of Wight
PO30 5WB
Tel +44 (0)1983 550330
Fax +44 (0)1983 550340
E-Mail Info@rfel.com

Rheinmetall Defence contract RF Engines for complex Signal Processing Design

6 JULY 2004

RF Engines Limited (RFEL), the UK-based signal-processing specialist, and Rheinmetall Defence Electronics (RDE), Germany's leading defence technology company, have released details of a recently signed major contract.

Specific details of the application are restricted, however the contract relates to the supply and integration of a complex high-speed FPGA signal processing design for an advanced communications system being developed by RDE.

The customised System-on-Chip design will be developed and based upon RFEL's unique range of specialist architectures, and the contract includes the proving and integration of the design into the system hardware. The contract runs over several months and is scheduled for completion in Summer 2004.

John Summers, RFEL's VP for Sales and Business Development commented, "We are very pleased to be working with RDE on such a major programme. RFEL has a lot of experience at both the system and at the chip level in this sort of communications monitoring application, and so it's a particularly interesting and enjoyable project. RDE has a very clear vision of what is required, so consequently the teams work together extremely well".

Jürgen Prüsse, Marketing Director for RDE commented, "This is an important project which is technically challenging across all elements of the design. We are confident that we will deliver the most advanced system of its type to our customer on schedule, and also have great confidence in the supply of the key technologies to complement our in-house skills. RFEL has proven capabilities in this highly specialist area, and we look to the sort of long-term relationship with the company, that we have developed over many years with our other key suppliers."



RF Engines Limited

RF Engines Limited (RFEL) is a UK based signal processing specialist, providing high specification signal processing cores, system on chip designs, and FPGA based board solutions for applications in the defence, communications and instrumentation markets. These applications include base stations, wireless and wireline broadband communications systems, satellite communications systems, test and measurement instrumentation, as well as defence, signal intelligence and surveillance systems.

More specifically, RFEL is a solutions provider for projects requiring complex front end, real time, wide and narrow band, flexible channelisation. The company provides a range of standard cores covering multiple FFT, polyphase DFT and proprietary PFT techniques, as well as system design services for more specialist applications.

For further information, please see the website at www.rfel.com or contact RF Engines at Innovation Centre, St Cross Business Park, Newport, Isle of Wight, PO30 5WB, Great Britain. Tel +44 (0) 1983 550330. E-mail info@rfel.com.

Press information and illustrations can be obtained from Nigel Robson, Vortex PR, Island House, Forest Road, Guernsey, GY8 0AB, Great Britain. Tel +44 (0) 1481 233080. E-mail nigel@vortexpr.com.

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Operating around the world, the 8,800-strong staff of Rheinmetall DeTec's affiliates and associated companies generate annual sales of around EUR 1.7 billion. This makes Rheinmetall DeTec one of the largest and most important defence technology companies in Europe. As a reliable partner of the armed forces of Germany, its allies and other likeminded nations, Rheinmetall DeTec makes a significant contribution to safeguarding world peace.