Protium Technologies Shipping Advanced SIGINT Tuner

NORTHBOROUGH, Mass., March 15 (SEND2PRESS NEWSWIRE) — After several years of intensive technical development, Protium Technologies, Inc. is shipping the P6010 tuner, an advanced yet inexpensive component from the company's growing SIGINT receiver product line. The SDR/FPGA-based modular design covers the 20-6,000 MHz frequency range in a small brick package specifically designed for cost-sensitive tactical applications.

In the words of Rick Gawlik, president of Protium Technologies, "The design goal of high performance at low cost was met very successfully and positions the product line well ahead of existing solutions. The modular nature of the baseline design permits ready adaptation to a wide range of rapidly-evolving customer requirements."

According to Mike Vinskus, Senior Principal Engineer at TriaSys Technologies in Chelmsford, Massachusetts, "The novel architecture of the P6010 tuner enables flexibility and performance not found in other tuners currently in the marketplace."

The P6010 tuner features full preselection, low noise figure, high third-order IP, any frequency-to-any-frequency tune time of less than 70 usec. (in-band tune time of 1 usec.), selectable 70 and 140 MHz IF outputs with 20 or 40 MHz bandwidths and standard USB control. The P6010's IF output center frequency can also be selected via software to any frequency between 60 and 145 MHz. An innovative MGC/AGC technique provides a true gain control range of 120 dB. The unit consumes less than 10 watts and can be powered by any 9-32 VDC source. Size is 3.0 inches x 6.0 inches x 0.75 inches and weight is 10.4 ounces.

Single-unit price is under $13,000 and less than $10,000 in production quantities. Delivery is 12 weeks ARO. Demonstration units are available for evaluation.

The company's P6020 tuner-digitizer will be introduced in the third quarter of 2011. It features 20 and 40 MHz-bandwidth I and Q outputs over a 1 GigE interface in the same small brick package. Both the P6010 and the P6020 will also be available in a single-slot 3U CompactPCI package. Additionally, the 3U units can be configured for a VPX backplane.

Protium Technologies, Inc. is committed to provide the SIGINT community with highest value products and customer service second to none.

About Protium Technologies, Inc.:
Protium Technologies, Inc. (www.protiumtechnologies.com) is a developer and manufacturer of commercial and military digital R.F. and microwave telecommunications subsystems. The company has extensive experience in developing and manufacturing communications equipment operating in the frequency range of a few MHz to 60 GHz. Current activities are centered on

developing and manufacturing a line of platforms for software-defined radios and a product line for U.S. Government SIGINT applications.

Protium Technologies, Inc., located in Northborough, MA, was founded in 2003 and is owned by the management team.

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VHF/UHF/Microwave tuner for the SIGINT community

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