



## Ether to Ethernet Network Ready Sub-systems

### Nothing else comes close to D-TA Ultimate Single Channel Radio Platform

**Washington DC Oct. 28, 2008:** D-TA Systems Inc., a sensor interface solutions company, will be unveiling the flagship tunable RF receive and transmit software radio platform (DTA-3290) at the annual International Software Radio Conference. D-TA's "**Ether to Ethernet**" network ready sub-systems are designed for precision, performance and speed.

Integrated in a robust 1U rack-mountable chassis, DTA-3290 allows you to connect your antenna to your computer. A 10GbE output interface removes all obstacles to data flow at full speed. The single channel platform is designed for Software Radio, Tactical Radio, Public Safety Radio, Radar, Test and Measurement, Spectral Monitoring, Surveillance, SIGINT and a variety of other demanding applications. The ready to use sub-systems reduce system integration complexities and offer huge cost savings and greatly reduce deployment time.

DTA-3290 is a customer configurable system that far outperforms any other system available in the market. The system features a fast tunable RF front-end that covers a wide frequency range from 20 MHz to 6 GHz; a digital IF processing stage that includes a 16-Bit 160 MSPS ADC, a 16-Bit 500 MSPS DAC, an external reference input for phase locking multiple units, a large user-programmable FPGA for implementing custom processing functions; and 1GbE and 10GbE network interfaces for control and data.

"This 10GbE network ready radio transceiver sub-system closes the gap in software radio offerings for the first time. Now customers can receive an antenna channel, between 20 MHz and 6 GHz, send pre-processed data through 10 GbE networks for processing and absolutely achieve the highest performance" said Angsuman Rudra, CEO, D-TA Systems Inc.

DTA-3290 has been designed into many test platforms and SIGINT projects. Multiple DTA-3290 platforms can be easily synchronized for multi-channel operation and they also offer seamless upgrade to 4 or 16-channel D-TA radio platform. "Multiple DTA-3290s can be easily synchronized for building a co-located or distributed multi-antenna system. The architecture implements a scalable RF front end and allows ease of technology upgrade and enormous cost savings" said Pier Bortot, CTO, D-TA Systems Inc.

D-TA Systems has created a wide array of radio products that are unmatched in precision, performance and speed. D-TA product offerings also include a 10GbE recorder for storage and playback of high bandwidth sensor data. **Nothing else comes close!**

**About D-TA Systems Inc. [www.d-ta.com](http://www.d-ta.com)**

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