



D-TA Communique

January 2011

Award & Recognition

Minister of State (Ex- Minister of Defence) Gordon O'Connor visits D-TA Systems to announce the SADI award. Minister O'Connor along with Industry Canada Officials visited D-TA Systems on Oct., 7, 2010. Following a tour of the facility and discussions on the company's products and prospect he announced the SADI award in front official media. Minister O'Connor then joined the D-TA staff and guests for refreshments. D-TA Systems greatly appreciates the SADI Award of \$1.8 million dollars and the Minister's visit to our facility.



Minister O'Connor, (2nd from right), Industry Canada Official, Ms. Catherine Nadeau-Morrisette (2nd from left), with D-TA Chairman, Dr. Dipak Roy (left) and CEO, Mr. Angsuman Rudra (right)

Customer Stories

D-TA delivers an 8-antenna recording system for a major radar project in Japan. The system is comprised of an 8-channel DTA-2300 Digital IF Transceiver (SDR) and two DTA-5000 server based disk storage systems. The system provides phase coherent recording of up to 8 IF signals of bandwidths up to 30 MHz. The recording is over 1.2 GBytes/s and the total storage capacity is over 18 Terabytes.

Customers were at D-TA facility for 3 days for conducting factory acceptance test prior to delivery. D-TA equipment is a critical piece for the success of high-profile radar project.



D-TA Recording System

US Gov't Lab selected D-TA products for radar research. Recently D-TA delivered an integrated system with DTA-3200L RF front end, DTA-2210 IF processor and DTA-1000 server for radar research.

US Govt. selects D-TA products for sensor signal processing research. The project calls for a number of DTA-2300, DTA-5000 units and also different FPGA cores and multiple DTA-1000 servers and SDKs.

D-TA wins another major Japanese project. This order also involves multiple DTA-2300 and DTA-5000 units based recorder configuration. This recording configuration also uses two DTA-5000 units to sustain recording rates over 1.2 GBytes/s.

The popularity of D-TA's scalable record and playback configurations for multiple wideband radio signals is soaring. The D-TA's 10G/R series systems offer the highest throughput rates (over 2.4 GBytes/s) available anywhere. This is particularly useful for wide bandwidth applications, in particular for radar.

KollMorgen MA, USA, orders additional image processing boards to provide demonstrations of their O-N-E 360 camera surveillance system to potential customers. The system is based on Virtex 6 based FPGA boards developed by D-TA systems.



KollMorgen Electro-Optical of Northampton, MA is furnishing Combat Vehicles with their highly advanced O-N-E 360 camera system for situational awareness. The O-N-E 360 system is based on Virtex 6 FPGA based conduction-cooled processing system developed by **D-TA Systems**.

The O-N-E 360 system features no moving parts, low latency and full frame rate real-time operation. The system is being considered by the US, Canadian and other allied armies.



Virtex 6 FPGA based image processing board developed by D-TA Systems is at the heart of the KollMorgen vision system.

Product Updates

Software Development Support & Training. D-TA's Software Group is offering multi-core software development support to further speed up sensor processing application development time. D-TA uses Intel Xeon servers and Linux OS for post processing sensor data at the other end of the 10 Gigabit pipe. D-TA's Software Development Kit (SDK) is available for all D-TA products, which is used for setting up the framework for real-time software development. Should you need application development support and/or training at your facility, please contact D-TA systems.

A number of exciting **new products** will be introduced in Q1, 2011. Please stay tuned.

GHz ADC based IF products and Virtex 6 based FPGA products are available in the second quarter of 2011. Advanced Product Presentations are available upon request.

Sales Updates - Industry Veterans join D-TA

D-TA's pioneering sensor processing products that cover a wide application space, from sonar to radio and radar, are attracting worldwide attention from industry veterans who want to be part of the next revolution.

L2 Integrated Solutions, Maryland based group has recently joined D-TA to serve customers in the United States. L2 Integrated Solutions founders Larry Butera and Lou DeBenedetto, are industry veterans, and were formerly at DRS and Mercury Computers respectively. L2 Integrated Solutions will provide technical & administrative support and also serve the US DoD customers with US personnel.

Welcome Lou and Larry!

D-TA Systems opened European Operations office in France. Industry sales veteran Mr. Frédéric Parachoux, has joined D-TA to lead European Operations. He will support all European Distributors from France.

Welcome Frédéric!

Marketing Updates – Technical Notes and Webex Demos

Website has been updated with new Technical Notes and Presentations. These Tech Notes are powerful sales tools and must read technical materials for customers. Please read them and pass them along to customers.

Webex Seminars & Demos. Recently, D-TA Systems has conducted a number of Webex based video presentations and product demos for customers at distant sites. The experiences in all cases have been very positive. If you are interested in getting a product presentation/ demo, no matter where you are located, just let us know. It is very easy to set up and you need nothing more than your computer and an internet connection.