



## D-TA Communique

### Customer Stories

- RF System (DTA-3200) shipped to NEC, Japan for Radar research. Recently, D-TA Systems shipped a 4 channel DTA-3200 Tunable RF system to NEC for reserach in next generation MIMO radar. This system provides a frequency coverage from 20 MHz to 4 GHz and a tunable bandwidth of 40 MHz. Each channel is independently tunable. The system provides both transmit and receive functions. This system complements the DTA-2300 Digital IF Transceiver system shipped earlier. The DTA-3200 system is a conduction-cooled system.
- D-TA delivers world's fastest Record/ Playback system to DRDC, Canada. The first 10G/R4 record & playback system for radio signals was delivered to the Defence Research & Development Centre, Ottawa for GPS reserach. The 10G/R4 system includes a 8-channel DTA-2300 and 4 DTA-5000 (one per fiber) server systems to provide a recording speed of 2.4 GBytes/s and a storage capacity of 38.4 Terabyte.



10 G/R4 system delivered to DRDC

- Koll Morgen imaging system (Virtex 6 based conduction-cooled boards) delivered. D-TA system completed delivery of a number of pre-production units comprised of Virtex 6 based processor modules, I/O modules and interconnecting flex cards. Koll Morgen considered D-TA for this custom development for expertise in FPGA and high-speed data link designs. This full-custom project was completed on budget and in record time. It provided us with significant experience in the Virtex 6 technology. We are expecting a large production order in the near future.



Virtex 6 Based Vision System

### Product/ Marketing Updates

- 10 G/Rx systems are now shipped in portable rack-mountable cases to make the systems immediately deployable. The packaging includes shock mounts to withstand rough handling. The cases also include wheels for mobility.



Portable Shipping Case with Shock-Mounted Racks & wheels

- Updated D-TA Systems website was launched in the second week of Septemeber. The site is organized with drop down menus and it hosts all technical presentations in Resources section.
- Lookout for full page D-TA product advertisements in MILCOTS (Open Systems Media), COTS (RTC Group) and Wireless Design and Development magazines. We are hoping these advertisements will convey our message accurately as a leader in sensor processeing market.

## Industry Recognition and Awards

- NRC recognizes D-TA for Leadership in innovation. Recently, NRC-IRAP, a Govt. of Canada funding agency for small innovative businesses, recognized D-TA as a leader in technical innovation. IRAP provided \$500K of seed funding to D-TA Systems in 2008. D-TA was chosen for this award from among a large number of IRAP funded companies for technical excellence and product innovation.



- D-TA wins \$1.8M SADI Award. D-TA systems has recently won \$1.8 M dollar Strategic Defence & Aerospace Initiative (SADI) funding for the development of next generation of sensor processing products. The SADI award is a 15-year loan with favourable terms that D-TA will leverage with its own funding to significantly accelerate the pace new product development. To-date, D-TA has already spent \$5M dollars to develop leading edge products that have pushed the envelope in all directions, from tunable RF to 10 Gigabit networks.