

August 2012

NEW PRODUCT PREVIEW

The new **SLICE PRO MEGA-sample DAS** will be on-display at upcoming shows. Find a show near you on our [Event Calendar](#) or email sales@dtsweb.com



SLICE PRO is the smallest, crash-hardened data recorder capable of 1 MILLION SAMPLES per second per channel

PRODUCTS

Diversified Technical Systems designs and manufactures data acquisition systems & sensors for the experienced testing professional. www.dtsweb.com

SERVICES

24/7 Tech Support
ISO 17025 (A2LA)
Calibration & Repair
Application Support
Software Integration
OEM/Embedded
Customized Training

FLEXIBLE FORCE SENSOR NEW! Paper-Thin, Calibrated Linear Output Force Sensor



The DTS Flexible Force Sensor (FFS) is an ultra-thin force sensor that is ready to plug-n-play. The DTS FFS works like any other bridge transducer by converting non-linear resistance changes to linear output voltage proportional to force. Literally paper-thin, the FlexiForce® circuit is only 0.208 mm thick making it ideal to measure force between virtually any two surfaces. Available with a variety of connectors, the DTS FFS is a complete sensing solution that is easy to use and ideal for many applications. [Read more](#)

NHTSA's Portable DAS Cart for New Barrier Walls

When the National Highway Traffic Safety Administration (NHTSA) needed data acquisition systems for three new crash test barrier load walls, they confidently chose DTS. The customized rolling lab cart holds up to 20 **TDAS G5 DAS** (640 ch) in a compact space of 20x20x38".

Easy to see visual status indicator lights and on-board power are two useful features, but it's ultimately the high



sampling TDAS G5 DAS that NHTSA relies on to capture vehicle-to-vehicle crash compatibility data as part of their

research for the New Car Assessment Program (NCAP) and safety regulations. [Read more](#)



The DTS cart houses up to 640 channels of TDAS G5 DAS to support NHTSA's high-resolution barrier load wall's 160+ 3-channel load cells

TECH CENTERS

Seal Beach, California USA
Novi, Michigan USA
Sydney, Australia
Shanghai, China
Zorge, Germany
Tokyo, Japan

DTS Continues To Expand Staff & Capabilities



Dawn Sup
DTS Applications
Engineer

DTS knows that innovation is a product of great people combined with the latest technology. That's just one reason DTS continues to invest heavily in experienced staff. With over 60 employees, six global Tech Centers, sales representatives in 20 countries, DTS is proud that over 80% of staff are engineering and technical positions. DTS currently has 3 engineering positions open—visit our website for detailed job descriptions.

Dawn Sup recently joined the DTS team in the position of Applications Engineer. She is based in the Michigan office and brings a solid understanding of crash testing, as well as experience with DTS DAS from her previous role as an Electrical Engineer for over 8 years with General Motors in the Vehicle Safety & Crashworthiness Laboratory (VSCL). Sup holds a Masters of Engineering Management from the University of Detroit, as well as a BS in Electrical Engineering from Kettering University. She will continue to work on automotive applications, as well as other key projects with Humanetics, U.S. Army TARDEC and more.



New hire Charles Ngo (DTS Software QA Engineer) (L) works with Chris Balogh (DTS Firmware Engineer) and Dan McFadden (DTS Senior Software Engineer) (R) on a final systems check at Humanetics for a new SLICE in-dummy system for ESII and HII50 with over 250 channels integrated in-dummy, combined with a TDAS on-vehicle system.



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