

November 2012

Inc. 5000

Inc. Magazine Names
DTS One of the
Fastest Growing
Companies in U.S.

DTS is proud to be named by Inc. Magazine as one of the fastest-growing private companies in the U.S. for a second year.

With 97% growth in three years, DTS ranked #81 in the manufacturing category and #2492 overall.

www.inc.com

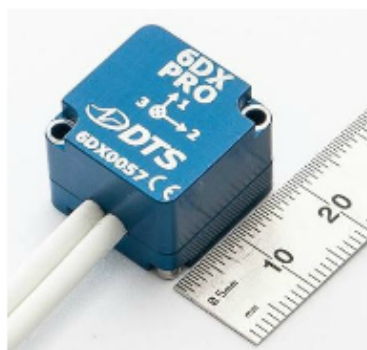
PRODUCTS

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

SERVICES

NEW! 6DX PRO

The World's Smallest, High-Performance
6 Degrees of Freedom Sensor



Ultra-small only 12 grams and
19 x 19 x 14.5 mm



The 6DX PRO is available in
two high range options.

DTS proudly introduces the 6DX PRO, designed specifically for applications measuring high rates of shock and angular velocity. It features 3 linear accelerometers and 3 angular rate sensors packaged in a compact, high-shock enclosure. Each sensor cable is embedded for added durability with triaxial or uniaxial connector options.

The 6DX PRO is available in two range options.

- **6DX PRO 2K-18K**
 - 3 accelerometers: ± 2000 g
 - 3 angular rate sensors: ± 18000 deg/sec
- **6DX PRO 20K-50K**
 - 3 accelerometers: ± 20000 g
 - 3 angular rate sensors: ± 50000 deg/sec

[Visit our website for datasheet and specifications.](#)



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

TECH CENTERS

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



DTS Helmet Sensor Named Greatest Invention by U.S. Army!



The DTS helmet sensor and data recorder was named by the U.S. Army as One of The Greatest Inventions. The BAE HEADS system measures impact and pressure events continuously for up to 12 months on an internal low-power battery. Weighing only 4 ounces, the device is placed into the helmet to analyze the correlation between experienced head motion and mild traumatic brain injury (TBI). This will aid in determining whether a soldier should seek

immediate medical attention and in the long-term care of soldiers. The National Football League is interested in an exchange of information that could aid in development of future systems capable of targeting and measuring affects to specific parts of the human body. (Source: U.S. Army Natick Soldier Research, Development and Engineering Center)



DTS president Steve Pruitt (R) accepts an award for our helmet sensor presented by BAE Systems at the AUSA show in Washington D.C.

In 2007, more than 6,000 units underwent field trials in Iraq and Afghanistan for the U.S. Army and U.S. Marine Corp. The project proved both successful and valuable, with HEADS Gen 2 fielding 20,000 units to troops and an additional 20,000 units in production now.

Hans Hellsund Joins Team DTS



Hans Hellsund
DTS Director of
Sales & Marketing

DTS is proud to announce that Hans Hellsund has been named Director of Sales & Marketing. Hans brings nearly 30 years of experience in data acquisition and signal processing to DTS and has served various roles in the sales and marketing arena including direct sales management, international distribution management, product development, and applications engineering. In addition, he holds a Bachelor of Science degree in Mechanical Engineering from CSU Long Beach, and an MBA from Pepperdine University.

YES IT'S TRUE!

DTS PARTY GIVE-AWAY: A TSR PRO Shock Recorder!



At the recent STAPP Conference in Savannah, GA, DTS gave away the ultimate party prize to one lucky winner--a TSR PRO-HB shock recorder!

**How do I get on the
DTS party invite list?**

"It was an '*accelerating*' experience," said winner Aditya Belwadi, a postdoctoral fellow at the Center for Injury Research & Prevention (CIRP) at the Children's Hospital of Philadelphia (CHOP).



**TSR winner
Aditya Belwadi**
of the Center for
Injury Research &
Prevention (CIRP)

I've used DTS equipment for almost 8 years, but when I won the TSR I thought this is exactly what we need for our new human volunteer studies," said Belwadi excitedly. For over two years, his work has been focused on child passenger safety and pediatric biomechanics. Also the TSR PRO will likely be used for ongoing studies that involve using amusement ride bumper cars to create a low speed impact pulse that is then recreated in the lab. The movement of child volunteers is monitored in sub-injurious tests along with muscle activity to compare kinematics in states of relaxation versus being tense in anticipation of a crash.

These independent studies are funded by the Center for Child Injury Prevention Studies (CChIPS) at The Children's Hospital of Philadelphia (CHOP) - a National Science Foundation Industry/University Cooperative Research Center (I/UCRC) that focuses exclusively on making children and adolescents safer. DTS also proudly sponsors the annual Advances in Child Injury Prevention (ACIP) Conference, a CChIPS conference each May in Michigan

To find out more about the [TSR PRO](#) data logger or the work being done at [CIRP](#) please click on the links.