



# FAILURE IS NOT AN OPTION.

Data acquisition you can trust.

## CRITICAL TESTING

For over three decades, leading companies and research laboratories have relied on DTS test and measurement solutions for automotive, aerospace, military, industrial, sports and injury biomechanics testing.



- Vehicle Crash Survivability
- In-Flight & Vertical Lift Testing
- Occupant & Pedestrian Safety
- Space Capsules & UAV Testing
- Airbag & Seat Belt Testing
- Parachute & Ejection Seat Egress
- In-Dummy Solutions
- Blast Protection
- Sports Gear Performance R&D
- Ordnance Testing
- Helmet Safety Testing
- Noise, Vibration & Harshness (NVH)



SHOCK / VIBRATION / FORCE / MOMENTS / STRAIN / ROTATION  
PRESSURE / VOLTAGE / DISPLACEMENT / TEMPERATURE



# ADVANCED TEST & MEASUREMENT SOLUTIONS



Diversified Technical Systems specializes in rugged, miniature, high-speed data acquisition systems and sensors for critical testing. Around the world, Fortune 500 companies rely on DTS measurement solutions for product development, performance validation and safety testing. Engineered to deliver unparalleled versatility and reliability, DTS data recorders and sensors support a variety of test applications in automotive, aerospace, injury biomechanics, sports, military and defense.

## DTS PRODUCTS

Key product features including ultra-small form factor, modular configuration, high shock rating, onboard memory and extensive sensor support make DTS a top choice for mission-critical testing worldwide. Intuitive DTS software makes set-up, control and data viewing simple.

### DATA ACQUISITION



*Modular Design  
User-Configurable  
Standalone Systems*

### DATA LOGGERS



*Embedded Sensors  
Transient Recording  
Built-in Battery*

### SENSORS



*Angular Rate  
Single & Multiple Axis  
High Shock Tolerant*

## DTS ADVANTAGES



### When Size and Mass Matter

Miniature DTS data acquisition systems are designed to embed in or on the test article, making them ideal for applications with tight space and mass constraints. In addition, positioning the DAQ near the point of interest improves data fidelity, eliminates long cable runs and significantly reduces test set-up time.



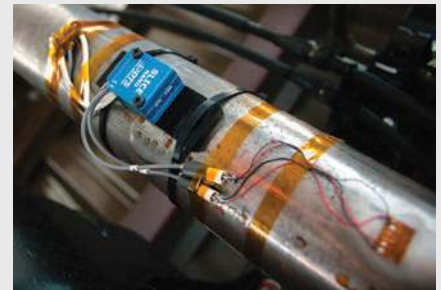
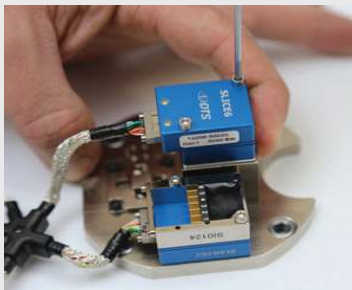
### Harsh Test Environments

Finding the right test instrumentation is critical, especially for high shock and vibration environments, extreme temperatures and high altitudes. Designed with rugged, high-shock tolerant enclosures, DTS systems are leading the way from testing in the outer stratosphere to the harshest terrains.



### Every Millisecond Counts

DTS offers a full range of data acquisition systems and data loggers to support a variety of testing from short duration blast to transient shock or long term monitoring. High sampling capabilities and high bandwidth options ensure every data point is captured with precision.





# WORLDWIDE SERVICE, SUPPORT & SALES



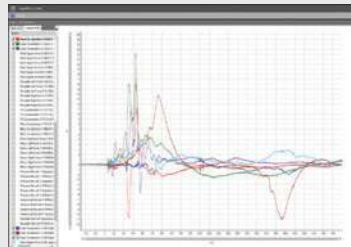
**GLOBAL SALES NETWORK**

**DTS HEADQUARTERS & TECHNICAL SUPPORT**

## ABOUT DTS



Founded in 1990 by three crash test engineers, DTS is headquartered in California and has established a strategic network of technical centers and sales partners to support customers in every time zone.



DTS's experience in dynamic testing and injury biomechanics, helps ensure customers get the right equipment, the data they need and expert technical support around the world.



Exceptional customer service is always a priority. From innovative products and software to onsite calibration service, DTS strives to be the most trusted provider of measurement solutions.



In addition to numerous awards, recognitions and special contract awards, DTS has been named one of the nation's fastest growing private companies by Inc. Magazine three times.



## Small products. Big life-saving impacts.

The U.S. Army Research Laboratory selected DTS as the prime contractor to develop WIAMan (Warrior Injury Assessment Manikin), the most advanced vertical load test manikin for underbody blast testing. With the goal of advancing soldier safety and improving military vehicle designs, the WIAMan program and DTS are changing the face of ATD manufacturing and integrated in-dummy DAS solutions.

