

# **Trident Space & Defense Exhibits Triton Series of Solid State Drives at Military & Aerospace Electronics Forum 2008**

## **Military & Aerospace Electronics Forum to be held March 11-12, 2008 in San Diego, CA**

- **Torrance, CA, February 4, 2008:** Trident Space & Defense, LLC (formerly a division of TRW, Inc.) will be exhibiting its new line of ruggedized Solid State Drives (SSDs) at the Military & Aerospace Electronics Forum 2008 conference and exhibit show to be held March 11-12, 2008 at the San Diego Convention Center.

## **Parallel ATA (PATA) & Serial ATA (SATA) Solid State Drives to be Featured**

Trident Space & Defense, a recognized industry leader and global supplier of high reliability microelectronic products and services for the Aerospace and Military markets, will be exhibiting its new line of Parallel ATA (PATA), also known as ATA/IDE, and Serial ATA (SATA) Solid State Drives. Trident's Triton Series of SSDs incorporates proven non-volatile Flash memory technology in a completely solid-state design with no moving parts. Triton SSDs are offered in an industry standard 2.5 inch PATA or SATA form factor. This makes them ideal as direct drop-in replacements for conventional rotating hard disks that are prone to short production life, and often fail in mobile computing and industrial environments where temperature fluctuations, shock, vibration, dust, moisture, and/or magnetic fields are present.

The Triton Series Drives deliver a solid solution for data storage and protection while providing the powerful performance and speed today's data-intensive applications demand. In contrast to rotating media, the Triton SSD achieves extremely fast data access times and reduced overall data latency through the elimination of seek times. Furthermore, the switch to solid state provides an extremely reliable solution featuring no moving parts and a MTBF > 2 Million hours.

### **FEATURES**

- Complete Solid State Solution with no moving parts
- Ruggedized design that is both Shock Resistant and Splash Proof
- Precision machined aluminum alloy case
- Anodized inside and out for improved corrosion resistance and durability
- Low Power Consumption
- Up to 64GB Capacity in standard 2.5" form factor (9.4mm height)
- Up to 120MB/sec Sustained R/W Rate with 0.5msec Access Time
- No Device Driver Required
- Operating System Independent

## **APPLICATIONS**

- Military and Aerospace
- Law Enforcement
- Industrial Applications
- High-speed Networking and Enterprise Applications
- Mobile Computing
- Transportation

Trident Space & Defense, LLC is composed of three operating units. The Advanced Products Group business unit provides advanced semiconductor packaging solutions for custom multi-chip modules, systems-in-a-package, memory modules as well as solid state drives (SSD) in both ruggedized stand alone and embedded component configurations. The Space Electronic Components business unit is a supplier of high reliability electronic components and design support services to the space industry. The Ground Systems business unit supplies custom, turnkey full-tracking ground stations to the commercial space industry.

Trident Space & Defense, LLC is a Veteran-Owned, Small Business Company. It is an ISO9001:2000 certified and Department of State registered manufacturer. Originally established in 1976 as a division of TRW, Trident is well positioned to build on a proven legacy of 30 successful years in supporting over 100 major space, military and high reliability programs.

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*For more information regarding this trade show, go to:*

[Mil/Aero Electronics Forum 2008](#)