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## **DAQTRON INTRODUCES TRIDENT DIGITAL BROADCAST SIGNAL ANALYZER**

*TRIDENT SUITE VERSION 1.7 RELEASED; INCLUDES NEW DIGITAL BROADCAST SIGNAL ANALYZER AND SCTE SIGNAL GENERATION.*

**ATLANTA — March 5, 2008** — DAQTron, Inc., an industry leader in the implementation of broadband test systems, announced today the release and immediate availability of Trident Suite version 1.7. Trident Suite version 1.7 features a brand new digital broadcast signal analyzer as well as SCTE-compliant signal generation. Trident Suite is a complete testing solution, including software and hardware, designed to provide customized test automation for digital television technologies, based on National Instruments LabVIEW, TestStand, and PXI hardware platform.

With Trident version 1.7, the Trident Digital Broadcast Signal Analyzer collects RF signals data, to allow for reports and analysis that can be used in different broadcast equipment environments.

The Trident Digital Broadcast Signal Analyzer's functions include:

- Verification of digital broadcast signals produced by newly designed broadcast transmission hardware, to ensure broadcast standard compliance.
- Use as a verification test system for digital broadcast equipment in production, to ensure product quality and performance of the equipment before it is used in real-world environments.

- Monitor signal transmissions containing live content in real-time as they are sent to digital broadcast transmission towers. The Analyzer verifies broadcast signals are valid before they are retransmitted from the broadcast towers.
- Verification of proper signal generation by other digital broadcast test equipment, and is intended to perform this both in an R&D environment and in a manufacturing environment.

The Trident Digital Broadcast Signal Analyzer supports both ATSC and DVB-T broadcast standards. The analysis and reports produced by Trident Digital Broadcast Signal Analyzer are:

- MER and EVM
- Spectral View (displaying Band Power)
- Time View (displaying Power versus Time)
- Carrier Offset
- Constellation Maps for 8-VSB, 16-VSB, QPSK, 16-QAM, 64-QAM, 256-QAM
- Equalized and Unequalized Results for MER / EVM and Constellation Maps

The Analyzer is capable of receiving signal data from up to four different sources simultaneously. These sources include signal data captured real-time by one or more National Instrument's PXI-5661 RFSA, as well as previously stored signal data. The Analyzer can record signal information acquired real-time from an RFSA, and save it for future analysis and playback using the Trident Digital Video Player. Analysis and reports can be generated and displayed from the multiple sources at the same time, allowing for instant comparison and verification. The Analyzer also can perform spectral inversion on signals, and supports signal triggering.

“The DAQTron Trident Analyzer compliments our existing Trident Suite, providing a complete range of testing solutions for any kind of broadcast device, be it transmitter or receiver,” said Robert Sandage, President of DAQTron. “One of our core beliefs and strengths is that the Trident solution is a complete solution. Customers do not have to buy completely new and separate units to perform different tests or obtain upgrades. Everything is integrated in one comprehensive system.”

### **About DAQTron, Inc.**

Atlanta-based DAQTron, Inc. is a proven industry leader in the design and implementation of test systems for the broadband marketplace. DAQTron’s goal in designing, building, and integrating these “turnkey” test systems is to maximize productivity and profitability for customers. This goal is realized by minimizing test times without sacrificing measurement quality. DAQTron, Inc. is a privately held design and development corporation and has been providing software and hardware test system solutions for thirteen years. DAQTron is a National Instruments Alliance Program member and a National Instruments Select Channel Partner. For more information on DAQTron, visit the Company's web site at [www.DAQTron.com](http://www.DAQTron.com).

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