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Tech Source's Tyton VS1 Rugged H.264 Video Encoder Delivers Dual HD-SDI Inputs and Bypass Video Outputs

- *MIL-STD-810 and IP67 compliant Tyton VS1 features CoT & KLV metadata insertion, power and Ethernet redundancies, and SNMP/Web configuration*

Altamonte Springs, Florida, September 15, 2015 – Tech Source, Inc., an independent supplier of high performance embedded video, graphics, and high-end computing solutions, has introduced the Tyton VS1 H.264 video encoder. Designed for Military, Aerospace and Harsh Environment C4ISR markets, it provides a ruggedized small form factor box-level video encoding and streaming solution. The product features a hardware implementation of CoT (Cursor on Target) and KLV (Key Length Value) metadata insertion supported via RS-232 or Ethernet. Control of encoding settings and retrieval of Tyton health information are all performed using an API built around SNMP for simple and secure communication.

The MIL-STD-810 and IP67 compliant Tyton VS1 is capable of encoding and streaming two 3G/HD/SD-SDI inputs simultaneously using the highly versatile H.264 video encoding standard (MPEG-4 Part 10). It also features an internal video (3G-SDI) bypass to overcome the need for an external video splitter. The low power, low latency Tyton VS1 is an operating system independent, hardware agnostic, stand-alone rugged video encoding system. A control API is available for Windows XP/7/8 and Linux users to permit feature customization and IP address setting.

Selwyn L. Henriques, president and CEO of Tech Source Inc., commented, “The Tyton VS1 is a feature-rich, versatile and extremely cost-effective encoding and streaming solution. It was developed for easy field integration in harsh environments following significant customer involvement and feedback.”

“Streaming capacity and cost are key drivers in the defense and avionics market. So, we included two HD-SDI inputs in the Tyton VS1,” added Mr. Henriques. “We also added an internal video bypass feature – a market first – and thereby did away with the need for an external video splitter.”

For more information on the Tyton VS1 or any other product from Tech Source, please visit www.techsource.com, email tollive@techsource.com or call +1 (321) 263 8424.

Media photo:

http://www.techsource.com/press/releases/images/Tyton_VS1_press.jpg

Tech Source

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Product datasheet:

http://www.techsource.com/support/brochures/pdfs/Tyton_VS1.pdf

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About Tech Source (www.techsource.com)

Tech Source is a group company of EIZO Corporation, a visual technology company that develops and manufactures high-end display solutions. The companies offer combined expertise, cutting-edge graphics solutions, and complementary product lines for ATC, defense, and other specialty markets.

Tech Source has been developing graphics solutions for air traffic control, military, and embedded applications for over 28 years. The ISO9001:2008 certified company offers a range of commercial off-the-shelf (COTS) products, including graphics processors targeted at GPGPU applications, video input solutions, video compression and streaming boards, imaging cards, recording solutions and software libraries. Key markets include airborne, shipboard, unmanned aerial vehicles (UAV), and ground-based systems.

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