

FOR IMMEDIATE RELEASE

Tech Source Condor 3001xF XMC Card Supports HD-SDI Output to High Resolution Avionics Monitors

- *Condor 3001xF features two HD-SDI outputs designed to support the new generation of avionics monitors running at resolutions of up to 1080p60*
- *The card is ideal for retrofitting existing aircraft that have coaxial cables present with a new higher resolution (full HD) video format*
- *Tech Source to demonstrate the card at SPIE Defense, Security & Sensing, May 5 - 9 at booth 1209 at the Baltimore Convention Center, Baltimore, Maryland, and at AUVSI's Unmanned Systems, May 12 - 15 at booth 423 at the Orange County Convention Center, Orlando, Florida*

Altamonte Springs, Florida, April 30, 2014 – Tech Source, Inc., an independent supplier of high performance embedded video, graphics and high end computing solutions, has announced the new Condor 3001xF XMC graphics and video card which supports the output of video signals to the next generation of avionics monitors running at resolutions of up to 1080p60.

Based on the AMD Radeon™ E6760 embedded graphics processing unit (GPU), the Condor 3001xF offers exceptional graphics performance. The card features two 3G/HD/SD-SDI video outputs for use in applications that require very high-end graphics and computation. Its built-in video decoder enables dual HD decoding of H.264, VC-1, MPEG4, and MPEG2 compressed video streams.

Selwyn L. Henriques, president and CEO of Tech Source Inc., commented, “With the new generation of avionics monitors moving towards higher resolutions, there was a need to support the HD-SDI interface for monitors with HD-SDI inputs and support for native 1080p resolutions. HD-SDI cables are thin and light and can extend longer lengths compared to DVI or VGA which is an important factor in the avionics market.”

The Condor 3001xF is a rugged convection-cooled XMC graphics/video processor with 1GB of on-board memory and supports the latest versions of the APIs such as OpenGL, OpenCL and DirectX. The card can be used for GPGPU (general purpose computing on graphics processing unit) since it supports OpenCL and has 480 shaders delivering up to 576 GFLOPS of single precision floating point performance. An API is also provided to set the SDI resolution.

Tech Source

An EIZO Group Company

“This card is also ideal for retrofitting existing aircraft with a new higher resolution (full HD) video format,” added Mr. Henriques. “Some aircraft have coaxial cables routed throughout for old TV signals and if these cables are HD, then they can be used to send HD-SDI signals from our card.”

Tech Source has been developing graphics solutions for air traffic control, military and embedded applications for over 25 years. The ISO9001:2008 certified company offers a range of commercial-off-the-shelf (COTS) products, including graphics processors - targeted at GPGPU applications, 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.

Tech Source will demonstrate the new card at SPIE Defense, Security & Sensing, May 5 - 9 at booth 1209 at the Baltimore Convention Center, Baltimore, Maryland and at AUVSI's Unmanned Systems, May 12 - 15 at booth 423 at the Orange County Convention Center, Orlando, Florida.

For more information on the Condor 3001xF card or any other product from Tech Source, please visit www.techsource.com, email embeddedgraphics@techsource.com or call +1 (407) 262 7100.

-ends-

About Tech Source (www.techsource.com)

Tech Source, Inc. has provided computer graphics hardware solutions to the air traffic control and defense markets for over 25 years. Tech Source is a group company of EIZO Corporation, a leading global manufacturer of high-end visual display products. The companies offer combined expertise, cutting-edge graphics solutions, and complementary product lines for ATC, defense, and other specialty markets.

All company and product names are trademarks or registered trademarks of their respective companies. Tech Source is a trademark, and EIZO is a registered trademarks of EIZO Corporation.

Media contact:

Bill Fox
Tech Source, Inc.
Phone: +1 (407) 262-7100
Email: embeddedgraphics@techsource.com