

## **Blackhawk™ Releases Its USB 2.0 JTAG Emulator—The Smallest, Most Portable *High-Speed* Emulator On The Market.**

MARLTON, N.J. (February 13, 2002)—Blackhawk™, a leader in the design of DSP hardware and software development tools, announced today the availability of its USB 2.0 JTAG Emulator. The Blackhawk™ emulator supports high speed USB 2.0 controllers (480 Mb/s), as well as low voltage devices (1.0 to 5.0 volts), and is tightly packaged in a pod the size of a credit card—only 3.5 x 2.0 x 0.6 inches.



The Blackhawk™ USB 2.0 JTAG Emulator is the interface between a graphical user interface (GUI) debugger running on a laptop or PC and the target DSP. The JTAG, scan path - based emulation (IEEE 1149.1) provides developers with non-intrusive target architecture. The target hardware requires only a 14-pin header connected to the scan path pins of the DSP chip.

“With its portable compact design, easy installation, high compatibility, and target independence, the Blackhawk™ USB 2.0 JTAG Emulator provides developers with the fast, flexible connection they've said they wanted,” states Dick Friedel, President, EWA Technologies, Inc., the parent company of Blackhawk™. “And being target independent, developers don't need to update drivers when Texas Instruments (TI) releases new silicon, like the C64x and C28x families. Our 2.0 Emulator already supports the product line.”

The Blackhawk™ USB 2.0 JTAG Emulator is fully compatible with TI's TMS320™ and TMS470™ devices, as well as TI's Code Composer Studio™ version 1.2/v2/2.1. The drivers supplied with the emulator support Windows® 98/2000/XP.

“The move to USB v2 improves the performance of this popular interface,” said Bill Novak, TI emulation technology product manager. “The higher speed makes this convenient XDS510-class emulator even easier to use.”

Today's DSP development takes full advantage of current technologies, such as IDEs, optimizing compilers for high-level languages, GUI, debuggers and JTAG emulators. A developer can take full advantage of all of these tools and leverage industry standard products like Code Composer Studio™. By adding the plug-and-play simplicity of the Blackhawk™ USB 2.0 JTAG Emulator, today's developer now has a powerful, flexible tool for DSP development and support.

###

Blackhawk™, a division of EWA Technologies, Inc., of Herndon, Virginia, provides TALON™ software tools and TAILWIND™ hardware for the rapid development of DSP-based applications for a wide variety of vertical markets. Blackhawk™ is a total TI DSP solutions provider for development hardware, Real-Time Operating Systems, bundled toolsets, design services and consulting. For more information on Blackhawk™, visit <http://www.blackhawk-dsp.com>.

Blackhawk™  
3 Eves Drive, Suite 316  
Marlton, NJ, 08053 USA  
Phone: (877) 983-4514  
FAX: (856) 983-5105  
Email: [info@blackhawk-dsp.com](mailto:info@blackhawk-dsp.com)  
Visit us on the web: <http://www.blackhawk-dsp.com>

**Trademarks**

Blackhawk™ is a trademark of EWA Technologies, Inc.  
All other marks are trademarks of their respective owners.