

FOR IMMEDIATE RELEASE

Andrew Ferrari
Blackhawk
123 Gaither Drive
Mount Laurel, N.J. 08054-1701
Phone: (877) 983-4514
Email: info@blackhawk-dsp.com

Blackhawk's Handcrafted TALON™ OS Boosts DSP Development for All Levels of Expertise

Mount Laurel, N.J. (November 11, 2002) — Blackhawk™, a leader in the design of Digital Signal Processing (DSP) hardware and software development tools, has painstakingly crafted an individually perfect DSP real-time operating system (RTOS) for each Texas Instruments (TI) DSP platform. Blackhawk's TALON™ OS suite of POSIX-Compliant real-time operating systems are individually optimized for each of the TI TMS320C2000™, TMS320C3x/4x™, TMS320C5000™ and TMS320C6000™ DSP Platforms. No longer is it necessary to understand all of the underlying DSP specifics before beginning DSP development. Users of the TALON™ suite will reduce risk, development cycle and time to market.

TALON™ meets the demands of sophisticated embedded DSP applications providing predictable, deterministic and hard real time behavior, unlike other OS's such as Unix, Linux and their derivatives. "As a veteran in the field of real time and embedded development, I can say from experience that there are a few key factors that determine the real-time qualities of an operating system. They are high interrupt reactivity, high thread reactivity and priority driven operation," said TALON™ OS designer and architect, Peter Petrov, Director, Software Engineering for Fadata LLC. "TALON™ offers all of these capabilities. If saving months of development and testing are critical, TALON™ is the answer," adds Petrov.

TALON™'s strict conformance to POSIX, the well-defined and widely accepted IEEE® standard, provides developers with a completely documented, full-featured, high-level, UNIX-like development environment. TALON™ also co-exists seamlessly with TI's Code Composer Studio™ Integrated Development Environment in the typical debug environment.

"As DSP applications grow in complexity, DSP design engineers are looking for a greater variety of RTOS solutions," said Raymond Wagstaffe, Worldwide DSP third party manager, TI. "The TALON™ OS from Blackhawk, a member in our DSP third party network since 1998, affords our customers a viable choice in RTOSes, particularly with its seamless co-existence with Code Composer Studio."

TALON™ versions exist for TAILWIND™ USB-based reference boards as well as many TI DSK and EVM boards and include host to target utilities for communication, file access and JTAG emulation. All board support packages come with OS driver source code illustrating how to communicate from applications running on the DSP to another host, board or process via PCI, USB, VME, ISA and standard parallel port interfaces.

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About Blackhawk

Blackhawk, a division of EWA Technologies, Inc., of Herndon, Virginia, is a Texas Instruments DSP solutions provider for emulation, real-time operating systems, development hardware, and design services. Blackhawk USB-based emulators are essential tools for the DSP developer. Blackhawk's TALON™ operating systems and TAILWIND™ reference boards lighten the developer's load by providing quick out-of-the-box start-up for new projects. Blackhawk continues to develop new TI-compatible tools that enable developers to reduce time to market for their products. For more information on Blackhawk, please visit <http://www.blackhawk-dsp.com/talon>

About the Texas Instruments Third Party Program

Blackhawk is a member of the TI TMS320™ third party program, the most extensive collection of global DSP development support in the industry. With more than 600 independent companies and consultants, TI's customers have easy access to a broad range of application software, development hardware and software and consulting services. For more information on the TI third party program, please visit www.dspvillage.ti.com/v5

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