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## **Curtiss-Wright Adds INTEGRITY® RTOS Support for Rugged, High Performance Dual PowerPC VME SBC**

LEESBURG, VA – February 26, 2007 –Curtiss-Wright Controls Embedded Computing, a leading designer and manufacturer of commercial off-the-shelf (COTS) VME, VPX, and CompactPCI products, has announced the availability of a new board support package (BSP) that supports Green Hills Software's safe and secure INTEGRITY real-time operating system (RTOS). Now system integrators can develop complex mission-critical applications for aerospace and defense products using Curtiss-Wright's popular SVME/DMV-183 rugged PowerPC single board computer (SBC) with the royalty-free INTEGRITY RTOS. This new BSP results from a partnership between Curtiss-Wright and Green Hills under which Curtiss-Wright provides embedded system developers with complete embedded hardware/software solutions and support for Green Hills' INTEGRITY® RTOS and MULTI® development tools.

The SVME/DMV-183 INTEGRITY BSP is an integral part of a complete off-the-shelf hardware and real-time software solution that speeds and simplifies the design and integration of mission-critical embedded systems for military, defense, and aerospace applications. Curtiss-Wright's SVME/DMV-183 INTEGRITY BSP provides all of the necessary initialization code, driver support and helper libraries to allow software developers to take full advantage of Green Hills Software's INTEGRITY™ real-time operating system and MULTI™ development tools.

"The SVME/DMV-183 single board computer, with its extensive feature set and proven rugged design, combined with the INTEGRITY RTOS, and powerful MULTI development tools, allows system developers to get a highly integrated hardware/software solution up and running quickly," said Lynn Patterson, vice president and general manager of Modular Solutions, Curtiss-Wright Controls Embedded Computing. "INTEGRITY is an important operating system for our customer base and through our collaborative efforts with Green Hills we've developed a solid BSP for the SVME/DMV-183 and core supporting drivers such as graphics and 1553."

"Green Hills is pleased to see the growing support for INTEGRITY on Curtiss-Wright's industry-leading product offerings," said Dan Mender, INTEGRITY's Director of Business Development at Green Hills Software. "Combining INTEGRITY with the Curtiss-Wright mix of products delivers a complete solution for applications which demand the ultimate in reliability and security."

### **SVME/DMV-183 INTEGRITY BSP Features**

The BSP provide users with the key features required to get up and running quickly with the INTEGRITY RTOS and the MULTI development environment, including:

- INTEGRITY RTOS support
- MULTI support
- Freescale MPC 7447A/7448 initialization
  
- 512 MB/1.0 GB of DDR SDRAM initialization
- 128 MB/256 Flash memory support including Flash File System support
- Discovery III (MV64460) initialization and drivers (address mapping, PCI support, Interrupt controller)
- RS-232 serial driver
- Gigabit Ethernet driver
- VME driver
- Support for USB 2.0 driver integration
- 1553 driver
- PMC-704/706 Graphics card driver with X11 and OpenGL
- Integrated with Curtiss-Wright's standard Foundation Firmware for the 183

### **The SVME/DMV-183**

Curtiss-Wright's SVME/DMV-183 features single or dual Freescale MPC7447A/7448 PowerPC™ processors with AltiVec™ technology and can support up to 2 GB of state-of-the-art DDR SDRAM. With two 64-bit PMC sites, one supporting 100 MHz PCI-X, and an innovative complement of I/O capability such as Gigabit Ethernet, up to six serial ports, up to two 1553 channels, SCSI, Serial ATA, and two USB 2.0 ports, the 183 satisfies the most demanding requirements of embedded computing applications. Available in a full range of environmental build grades the 183 is targeted to the challenging data- and digital signal-processing needs of tactical aircraft, armored vehicles and harsh environment naval system single board computers.

For editorial information regarding Curtiss-Wright Controls Embedded Computing products or services, contact John Wranovics, director of public relations, Curtiss-Wright, Tel: (925) 640-6402; email. [jwranovics@curtisswright.com](mailto:jwranovics@curtisswright.com). Web site: [www.cwcembedded.com](http://www.cwcembedded.com).

### **About Curtiss-Wright Controls Embedded Computing**

Curtiss-Wright Controls Embedded Computing is the industry's most comprehensive and experienced single source for embedded solutions, ranging from Processing, Subsystems, Data Communication, DSP, and Video & Graphics to the most advanced board level components and fully integrated custom systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-Wright Controls Inc. For more information about Curtiss-Wright visit [www.cwcembedded.com](http://www.cwcembedded.com).

### **About Curtiss-Wright Controls, Inc.**

Headquartered in Charlotte, North Carolina, Curtiss-Wright Controls is the motion control segment of Curtiss-Wright Corporation (NYSE: CW, CW.B). With manufacturing facilities around the world, Curtiss-Wright Controls is a leading technology-based organization providing niche motion control products, subsystems and services internationally for the aerospace and defense markets. For more information, visit [www.cwcontrols.com](http://www.cwcontrols.com).

### **About Green Hills Software**

Founded in 1982, Green Hills Software, Inc. is the technology leader in device software optimization (DSO) and real-time operating systems (RTOS) for 32- and 64-bit embedded systems. Our royalty-free INTEGRITY® and *velOSity*™ real-time operating systems, *μ-velOSity*™ microkernel, compilers, MULTI® and AdaMULTI™ integrated development environments and TimeMachine™ tool suite offer a complete development solution that addresses both deeply embedded and high-reliability applications. Green Hills Software is headquartered in Santa Barbara, CA, with European headquarters in the United Kingdom. Visit Green Hills Software at [www.ghs.com](http://www.ghs.com).

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