

# News Release

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## **EST Corp. Delivers Complete Hardware and Software JTAG Debugging Solutions for the visionICE for PowerPCtm 603 / 740 / 750 Families**

**Canton, MA** (April 20, 1998) - Embedded Support Tools Corporation (EST Corp.) is proud to announce that it now delivers complete hardware and software debugging solutions for the latest high performance PowerPC processors: the PowerPC 603, PowerPC 740 and PowerPC 750.

EST's visionICE for the PowerPC 603 / 740 / 750 anchors EST's complete development solution. The visionICE emulator has helped hundreds of companies to debug their embedded designs faster and with less intrusion than any other debugging option.

To complement the power of the visionICE emulator, EST offers a wide array of plug and play tools integrated to form a comprehensive development environment. All of these tools have been fully ported to, or specifically designed for the new PowerPC 603 740 / 750 processors.

EST's complete solution features visionCLICK 7.0, EST's new state-of-the-art C / C++ debugger, operating under Windows 95/NT, a PowerPC instruction set simulator supporting the entire PowerPC family, EST's cutting-edge visionVE Virtual emulator technology, as well as single boards computers for the PowerPC 603 / 740 / 750, which serve as turnkey reference platforms.

Additionally, EST offers Board Support Packages (BSPs) for the leading Real Time Operating Systems (RTOS), turnkey in-circuit Flash memory programming, and plug and play third-party software including compilers, debuggers, operating systems and integrated development environments (IDEs).

visionICE's modular construction is the industry's most flexible. Choose from a variety of interchangeable emulator units.

- **visionCONTROL**, the heart of the vision ICE emulation system, uses the proven JTAG/ COP Debug Port to deliver a low cost, yet incredibly reliable debugging platform. It allows you to download your code to target over its high-speed parallel port, read and write target memory and registers, and set real-time software breakpoints.
- **visionNET** adds full TCP/IP networking capability to visionICE, boosting productivity for medium and large development groups since its remote debugging capabilities allow team members to log into and share tools across the network.

An integral part of EST's complete development solution is visionCLICK 7.0, EST's state-of-the-art, C / C++, source level, debugger. visionCLICK combines the simplicity of a Windows-based drag and drop interface with the power of a C / C++ source level debugger, giving you ultimate control over your source code.

visionVE Instruction Set Simulators are ideal when you are debugging software and the target hardware is not available., When used with EST's Virtual Emulator technology, any tool that plugs into EST's Open API instantly becomes integrated with the simulator.

visionICE for PowerPC 603 / 740 / 750 supports a unique Open Software Interface, which gives developers the freedom to use their preferred software development toolkit. visionICE fully supports Wind River Systems' Tornado / VxWorks

environment, Integrated Systems Inc.'s pRISM, Software Development System's SingleStep, and Mentor Graphics XRAY/VRTX. Other third party tools will be added as they become available.

Pricing for the visionICE components has been set as follows:  
for the base visionCONTROL system;  
for the visionNET system;  
and for the PowerPC 603 / 740 / 750 evaluation board.

Embedded Support Tools Corp. was founded in 1989 by principals with a clear vision for the quickly changing needs of the real-time, embedded microprocessor development community. Armed with that vision, EST Corp. has rapidly become the leading supplier of value-priced and high performance development systems for Motorola's 683xxTM, PowerfulPCtm, and ColdFire@ families.

EST's visionICE scalable emulators, target evaluation boards, and software tools are designed for full life-cycle development, including chip and system evaluation, software simulation, hardware prototyping, hardware/software integration, source-level debugging, performance tuning, and production test.

EST is headquartered in Canton, Massachusetts, USA, with offices around the world.

Visit our website at <http://www.estc.com>.