

**For Immediate Release  
Date: September 3, 2002**

**Macraigor Systems supports the Intel® IXC1100 Control Plane Processor**

*Development engineers will be able to quickly debug hardware and software applications for this new Intel® XScale™ technology-based processor*

**BOSTON, Massachusetts, September 3, 2002** – Macraigor Systems announces they will port their proprietary On-Chip Debug Technology (OCDemon™), utilizing standard JTAG capabilities, to the Intel® IXC1100 control plane processor. Engineers developing applications and hardware for the Intel control plane processor will be able to control and debug their hardware designs and application software using Macraigor's JTAG tools, without the need for target resources such as UARTs, Ethernet channels, or parallel ports.

The port of OCDemon™ results in the availability of all three hardware products: the Wiggler, the Raven and the new mpDemon, as well as Macraigor's accompanying software tools. Macraigor's debugging tools supporting the current Intel® XScale™ technology-based processors have some of the highest download speeds in the industry, with a maximum rate of over 400,000 bytes per second using the mpDemon. This high performance means faster debugging and results in quicker time-to-market for developers.

Macraigor already supports all other Intel XScale technology-based processors such as the Intel IOP310 I/O processor chipset, the Intel IOP321 I/O processor, the Intel PXA210 and Intel PXA250 applications processors as well as the Intel IXP425, Intel IXP2400, and the Intel IXP2800 network processors. "Macraigor Systems is fully committed to the new and future Intel XScale technology-based control plane processors," said Managing Partner James MacGregor.

"The design of the Intel IXC1100 control plane processor includes JTAG debug ports to allow designers to rapidly debug their hardware and software applications," said Doug Davis, general manager of the Intel Network Processor Division. "Macraigor

Systems' JTAG tools are an excellent way for developers to debug the processor on their target boards".

Further information about Macraigor Systems' products may be found at their website: [www.macraigor.com](http://www.macraigor.com).

### About Macraigor Systems

Macraigor Systems is a leading supplier of BDM / JTAG connection solutions for on-chip debugging of 32 and 64-bit embedded microprocessors. Macraigor Systems' solutions are designed for price-sensitive customers. These solutions include a suite of software tools which supports Windows 9x, NT, ME, XP, Linux and Solaris host systems. Macraigor Systems supports all major embedded microprocessor architectures, including AMD, ARM, ColdFire, CPU32 Series, PowerPC, MIPS, and the XScale microarchitecture. Macraigor Systems is a member of the Intel® Personal Internet Client Architecture Developer Network and the Intel® Internet Exchange Architecture Developer Network.

Contact, Press Only:

James MacGregor  
Macraigor Systems, LLC  
(617) 739 – 8693  
[jamesm@macraigor.com](mailto:jamesm@macraigor.com)  
[www.macraigor.com](http://www.macraigor.com)

---

Macraigor Systems is a trademark and OCDemon is a registered trademark of Macraigor Systems, LLC. Other product or service names mentioned herein are the trademarks of their respective owners. Intel and XScale are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.