

**Editorial Contacts:**

Steve Kotowski, Vativ Technologies, 858-658-0050, [steve-kotowski@vativ.com](mailto:steve-kotowski@vativ.com)

**For Immediate Release**

## **Vativ Technologies Enables Industry's First UTP 10GbE Network Interface Card**

### **Dynatem Introduces MaxCopper™ Network Interface Card (NIC) Using Vativ's V10LAN Technology**

**SAN DIEGO, November 7, 2005** – Vativ Technologies, Inc., a leading provider of innovative DSP-based silicon solutions, announced today the availability of the industry's first 10 Gigabit Ethernet (GbE) NIC for full-duplex operation over a single CAT5e unshielded twisted-pair (UTP) cable. Dynatem, an established manufacturer of PCI and VMEbus modules, has introduced a V10LAN-based 10GbE PCI-X NIC card, dramatically reducing the cost of 10GbE links. Dynatem's MaxCopper 10GbE NIC is interoperable with Vativ's VXP-10-010A1 XENPAK module enabling server to switch and server to router connectivity.

The availability of a V10LAN-based NIC provides a key component in server and storage networks enabling low cost, end-to-end CAT 5e interfacing between servers, storage devices, switches and routers within a data center. Dynatem's MaxCopper 10GbE NIC is based on Intel's highly integrated PCI-X 82597EX Media Access Controller (MAC) IC. It is paired with Vativ's VTV1110 10GbE copper PHY. This solution enables server connections at a full 10Gbps over common UTP cabling. Vativ's V10LAN technology is the lowest cost interconnect technology for 10GbE networks.

"The introduction of the MaxCopper NIC card is a key milestone for Dynatem and the industry", said Michael Bognacki, Director of Business Development at Dynatem. "The availability of the Vativ V10LAN based NIC is a major step in driving down costs for 10 Gigabit Ethernet networks"

"We are pleased to be working with Dynatem to deliver low cost 10 Gigabit Ethernet to server and storage OEMs", said Sreen Raghavan, Vativ Technologies' president and CEO. "Our industry leading V10LAN transceiver enables 10 Gigabit Ethernet connectivity in a standard bus technology suitable for server and storage applications."

For additional information on the MaxCopper 10GbE NIC, visit Dynatem's product website at <http://www.dynatem.com/products/maxcu.php>

**About Dynatem**

Dynatem is a manufacturer of a broad range of VMEbus, PCI and stand-alone modules. The company also provides system drivers for drivers for Windows NT, Solaris, QNX and Linux. Dynatem is located at 23263 Madero, Suite C, Mission Viejo, CA 92691. For additional information, call (949) 855-3235, fax (949) 770-3481, e-mail [sales@dynatem.com](mailto:sales@dynatem.com) or visit [www.dynatem.com](http://www.dynatem.com).

**About Vativ Technologies**

Vativ Technologies, Inc. is a fabless semiconductor company focused on providing innovative high-bandwidth, advanced digital signal processing solutions for digital television and 10Gigabit Ethernet LAN markets. Vativ's novel DSP technology has resulted in multiple patents filed in the U.S. and internationally. The company's advanced architecture enables higher data rate and lower system cost, while providing greater robustness and higher performance margins required for using low-cost media interconnects. Vativ is headquartered in San Diego. For additional information visit [www.vativ.com](http://www.vativ.com).