THE TOLLY GROUP

205125-1P JUNE 2005

Level 5 Networks, Inc.

EtherFabric™
Competitive Evaluation versus LAN-on-Motherboard Technology

TOLLY Up to Spec CERTIFIED

"EtherFabric helps enterprises finally realize Ethernet's full potential. Because the solution does not require any changes to existing applications, operating systems or protocols, it has a very low impact on existing infra-structures, and is uniquely poised to become a ubiquitous offering. By pro-viding significant performance gains without requiring users to accept the risk of changing how the system is used, Level 5 Networks is delivering what could very well be the key to Ethernet evolution."

Vernon Turner
Group VP and GM
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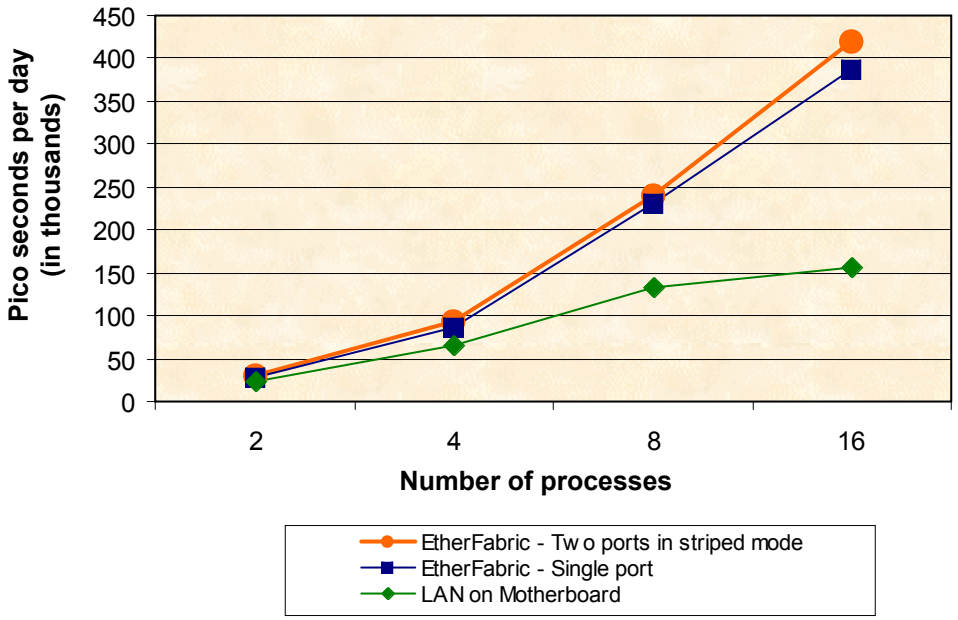
Test Highlights

- Demonstrates 100% binary compatibility with existing applications, control plane and management software
- Up to 10X improvement on application-to-application packet latencies
- Offers 2X bandwidth at 64-byte messages when compared to traditional LAN-on-motherboard technology
- Provides 2 Gbps worth of full-duplex throughput to a single TCP socket connection using the dual-port NIC in port-striped mode

Scalability Comparison of Level 5 Networks EtherFabric versus LAN-on-Motherboard

GROMACS Molecular Simulation over SCALI MPI – 8-Node Cluster of Dual Xeon-based Dell PowerEdge 1850 Servers populated with Level 5 Networks' EtherFabric NICs



Source: The Tolly Group, June 2005 Figure 1

Level 5 Networks commissioned The Tolly Group to conduct this test. This document does not depict the complete test results and is not intended to be a final representation of the testing efforts. See document 205125 for the full results. *rev clk 16 Jun 05*

