



PRESS RELEASE

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**VIRTENSYS AWARD-WINNING I/O VIRTUALIZATION SOLUTIONS
ENABLE DENSE HIGH-PERFORMANCE COMPUTE CLUSTERS WITH
DRAMATIC POWER SAVINGS**

Company to Demonstrate Its Solutions at SC09

MANCHESTER, England and BEAVERTON, Ore. November 12, 2009 —

Virtensys™, Ltd, a leader in next-generation I/O solutions for data centers, today announced that its VIO 4000 I/O virtualization switches enable the deployment of high performance compute (HPC) clusters with the industry's best I/O price / performance and lowest energy usage. The award-winning VIO 4000 switches consolidate, virtualize and share all the servers I/O resources within a rack. The switches deliver the full network and storage connectivity bandwidth to each server, while cutting I/O equipment cost in half and reducing energy consumption by more than 70 percent. The I/O virtualization switches are based on the native PCI Express® (PCIe) server standards. Virtensys will demonstrate its solutions at [Supercomputing 2009](#), Booth 757, at the Oregon Convention Center, in Portland, Ore.

Additionally, The VIO 4000 switches provide servers with low-latency and high-bandwidth inter-processor communication (IPC) for message passing utilizing PCIe interconnects, with no additional cost or performance overhead. Similarly, the switches provide applications with access to high-performance, low-latency and low-cost global shared memory (GSM) for high-speed data caching and processing. Large arrays of local shared solid state drives (SSD) are also available as raw storage for

Delivering innovative, standards-based I/O solutions for the Virtualized Data Center



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information logging and file sharing. No changes are required in servers, operating systems or applications to leverage these capabilities.

High-performance, low-cost, small footprint and low-power compute clusters can now be built within a single rack, using very compact and state-of-the-art commodity servers. Compute capacity and I/O resources within a cluster can be independently added, deleted and dynamically allocated depending on applications' needs. Clusters I/O resources are also managed as a single entity, reducing management complexity and costs by more than 60 percent.

"We are very pleased to bring this capability to HPC customers. Our VIO 4000 switches are shipping now, and customers can immediately deploy computer clusters with the maximum server performance at the lowest cost and energy consumption levels," said Ahmet Houssein, president and CEO at Virtensys. "With IT budgets so tight, customers now have more dollars to spend on their compute resources. The demand we have received from customers has been phenomenal."

About Virtensys IO Virtualization Solutions

The VIO 4000 switches are the first products on the market to consolidate, virtualize and share the major types of server networking and storage connectivity, including Ethernet, Fibre Channel over Ethernet (FCoE), SAS/SATA and Fibre Channel, without requiring any changes to servers, networks, I/O adapters or management infrastructures. The products won the best of New Technology award at VMworld2009 and have been named one of CRN's Top 20 Storage Products at VMworld. The switches are available now in volume production through our worldwide channel partners.

For more information about Virtensys or to schedule a meeting at SC09, contact Georgiana Comsa with Silicon Valley PR at georgiana@siliconvalleypr.com or (408) 435-1500.

About Virtensys Ltd

Virtensys develops industry-leading, patented PCI Express®-based I/O virtualization technologies for servers and storage platforms, revolutionizing the way I/O infrastructures are deployed and used in data centers, and delivering significant improvements in I/O utilization, cost, performance, power consumption, and management. The deployment of the IOV switches is totally non-disruptive and dramatically reduces IT complexity and expenses. The company was founded in December 2005 by leading technologists in the fields of high-performance switching,

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networking, and systems design, and is backed by several premier technology venture capital firms. For more information, visit www.virtensys.com.

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Contact:

Georgiana Comsa
Silicon Valley PR
U.S.
(408) 435-1500

georgiana@siliconvalleypr.com

Robert Napaa
Virtensys, Inc.
U.S.
(650) 814-4883

napaa@virtensys.com

Marek Piekarski
Virtensys, Ltd.
U.K. and Europe
+ 44 (0) 161 495 1541

info@virtensys.com