

**HITACHI AND ViON TEAM TO PROVIDE HPC SOLUTIONS FOR HIGHER EDUCATION, RESEARCH AND SCIENCE MARKETS**

BRISBANE, Calif., November 12, 2007, -- Hitachi America, Ltd., a subsidiary of Hitachi, Ltd. (NYSE: HIT,) and ViON Corporation today announced that they are working together to create solutions for High Performance Computing (HPC) on Hitachi's BladeSymphony server platform. The companies will be collaborating on solutions targeted to address the needs of customers in several industry vertical markets, initially the higher education, general research and scientific communities, as well as the Federal Government.

One example of a HPC solution currently under development between the two companies is a virtual HPC cluster solution. This solution combines technologies and expertise from both companies to create a scalable virtualized cluster computing solution. A fundamental component of the virtual HPC cluster solution is Hitachi's industry-first firmware-embedded virtualization feature - Virtage.

Virtage, based upon Hitachi's 40-year mainframe legacy, allows single or multiple physical server modules to be configured as a distributed cluster of virtual nodes. The virtual nodes perform distributed computational analysis in a Message Passing Interface (MPI) environment. The goal of this architecture is to maximize the use of scarce physical server resources.

The virtual HPC cluster solution can scale from two to "n" virtual machines (or Logical Partitions – LPARs). This virtual cluster capability is useful for prototyping, testing and evolving HPC cluster configurations with applicability for use in educational and research institutions. The virtual HPC cluster solution allows the researcher to economically create a computational environment which can be scaled-up to increase overall performance and throughput, and exactly match the dynamic requirements of the user community. Virtual and physical nodes may be combined into a multi-dimensional mesh to allow the creation of HPC clusters that are virtually unlimited in size for solving large computational problems.

With Virtage, the baseline capability of the virtual HPC cluster environment on BladeSymphony exists today. Demonstrations are planned for early 2008. For further information about this announcement please contact [virtualcluster@vion.com](mailto:virtualcluster@vion.com) or [serversales@hal.hitachi.com](mailto:serversales@hal.hitachi.com).

**About Hitachi**

Hitachi America, Ltd., Information Division, Server Systems Group, supplies highly scalable and performance-oriented server platforms targeting mid- and large-scale enterprise customers with solutions offerings ranging from high-end transaction engines to large scale databases. For more information about Hitachi blade servers, visit [www.hitachi.us/servers](http://www.hitachi.us/servers) or contact [serversales@hal.hitachi.com](mailto:serversales@hal.hitachi.com).

Hitachi America, Ltd., a subsidiary of Hitachi, Ltd., markets and manufactures a broad range of electronics, computer systems and products, and consumer electronics, and provides industrial equipment and services throughout North America. For more information, visit [www.hitachi.us](http://www.hitachi.us).

Hitachi, Ltd., (NYSE: HIT / TSE: 6501), headquartered in Tokyo, Japan, is a leading global electronics company with approximately 384,000 employees worldwide. Fiscal 2006 (ended March 31, 2007) consolidated sales totaled 10,247 billion yen (\$86.8 billion). The company offers a wide range of systems, products and services in market sectors including information systems, electronic devices, power and industrial systems, consumer products, materials and financial services. For more information on Hitachi, please visit the company's website at [www.hitachi.com](http://www.hitachi.com).

#### **About ViON**

ViON is a veteran owned business located in Washington, D.C. Since 1980 ViON has provided advanced computing and award winning storage solutions to the US government marketplace. For more information on ViON, please visit the company's web site at [www.vion.com](http://www.vion.com).

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