

Cluster Resources Delivers Hybrid OS Solution to Oil and Gas Industry in Cooperation with HP

PROVO, Utah—September 30, 2008—Cluster Resources, a leading provider of high-performance computing (HPC) resource management and scheduling software, will deliver a hybrid operating system (OS) cluster solution geared to the oil and gas market with HP.

Cluster Resources joins HP, Microsoft, and PCPC Direct—a leading provider of high-performance technology solutions in the oil and gas, financial, and other industries—to host *High Productivity HPC*, October 2 at PCPC Direct's headquarters in Houston, Texas. This event coincides with the launch of Microsoft® Windows® HPC Server 2008. Cluster Resources will demonstrate the Moab Hybrid Cluster™—an HPC solution that dynamically changes cluster servers between Linux and Windows based on workload, defined policies, and application needs—on PCPC's hybrid boot cluster.

The latest version of Moab Hybrid Cluster includes added support for Windows HPC Server 2008. Improvements include the automation of setup through added wizards, added policies to apply fine-grained control over multiple operating systems, and additional documentation. Windows HPC Server 2008, the successor to Windows Compute Cluster Server 2003, is based on the Windows Server 2008 operating system and is designed to increase productivity, scalability, and manageability. Key features include new high-speed networking, highly efficient and scalable cluster-management tools, advanced failover capabilities, and support for partners' clustered file systems.

"The Moab Hybrid Cluster solution overcomes the capacity-planning problem inherent when estimating the number of servers allocated to different OS resource pools," stated Michael Jackson, president of Cluster Resources. "Traditionally, these static resource pools have different peak usage times, where one OS remains idle while another has a backlog of workload. The hybrid model breaks down OS resource silos, letting OS pools grow and shrink dynamically to take advantage of otherwise idle compute resources. It also intelligently overcomes hardware and job failures by reallocating compute nodes with the proper OS to compensate for the failures."

High Productivity HPC will also showcase the affordable, powerful, and easy-to-use HP Cluster Platform Workgroup System (CPWS). This HPC cluster solution is based on the compact HP BladeSystem c3000 enclosure, which is designed for smaller technology sites, branch offices, and remote locations. Powered by industry-leading HP BladeSystem c-Class servers, CPWS is easily configured, ordered, and deployed without special power or cooling. This HPC platform enables midsize customers to drive new levels of innovation and productivity while still managing overhead costs.

"Customers operating high-performance clusters need solutions that will keep their infrastructures flexible, to increase productivity and achieve lower costs," said Ed Turkel, manager, product marketing, Scalable Computing, and Infrastructure at HP. "The HP BladeSystem c-Class coupled with Cluster

Resources' Moab solutions enables customers to maximize HPC investments by eliminating the complexities associated with analyzing large volumes of scientific data."

Admission to *High Productivity HPC* is free. For more information about the event or to pre-register, email events@pcpcdirect.com.

A short video showing how Moab Hybrid Cluster can be applied to both new and existing clusters to help yield maximum hardware utilization and ROI can be viewed at http://www.clusterresources.com/services/hybrid_cluster/hybrid_cluster.html

About Cluster Resources

Cluster Resources Inc. is a leading provider of workload and resource management software and services for cluster, grid, data center, and adaptive computing environments. With more than a decade of industry experience, Cluster Resources delivers software products and services that enable organizations to understand, control, and fully optimize their compute resources and related processes.

For more information visit www.clusterresources.com or call +1 (801) 717-3700 (for the Americas and Asia Pacific), +44 (1223) 437134 (for Europe, Middle East and Africa) or email info@clusterresources.com.

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