

Latest TOP500 List Shows Number of HPC Processors Licensed to Run Moab Increased by 30 Percent over November 2007 List

Moab Licensed on High Percentage of World's Fastest Supercomputers

PROVO, Utah – June 30, 2008 – Following the recent release of the 31st edition of the TOP500 list of the world's most powerful supercomputers (TOP500.org), Cluster Resources announced that of the 2.4 million processors on the new Top500 list, more than 23 percent are on Moab-licensed systems, reflecting a 30 percent increase over the previous list, released in November 2007.

Systems using Moab to optimize compute resources include Oak Ridge National Laboratory (No. 5), Lawrence Livermore National Laboratory (No. 2), and—with its petaflop/s barrier breakthrough—Los Alamos National Laboratory (LANL) (No. 1).

LANL's record-breaking Roadrunner system utilizes a unique mix of dual-core AMD Opteron chips and PowerXCell 8i processors to optimize the system's speed. Roadrunner—a collaborative effort between NNSA, IBM and Los Alamos National Laboratory—uses Cluster Resources' Moab Workload Manager® and TORQUE* Resource Manager to help optimize performance.

“Moab adapts to Roadrunner's mixed architecture,” noted David Jackson, CTO of Cluster Resources. “Scalability is often a major factor when choosing a scheduler for these systems, and Moab's ability to manage complex environments, regardless of size, makes Moab a good fit.”

Whether it's Cambridge University's 2,340-processor system (No. 112) or Lawrence Livermore National Laboratory's 212,992-processor system, Moab simplifies management across one or multiple hardware, operating system, storage, network, license, and resource manager environments to increase the ROI of clustered resources and improve system utilization to run consistently at 90-99 percent.

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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