



**NEWS RELEASE**

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**The University of Warwick Chooses Adaptive  
to Get the Most from its HPC Upgrade**

*Moab Technology Enables Flexibility to Expand Services to Local  
Businesses*

*Delivering HPC as a Service in the Cloud*

**Park City, Utah – MoabCon 2012 – April 10, 2012 – [Adaptive Computing](#)**, managers of the world's largest supercomputing systems and experts in [HPC workload management](#) and [Cloud management](#) solutions, today announced that the University of Warwick chose to rely upon Moab from Adaptive Computing as they expanded their HPC capabilities. The project of upgrading their hardware has been the most ambitious, complex HPC deployment they have attempted to date, and the project managers knew that they needed a job management system that could handle the increased workload. As they examined the workload management providers, Adaptive stood out with its robust Moab offering.

In the past, the university had primarily worked with interior departments. To meet service level agreements and give each customer the share of the system that they contracted for, Moab allowed them to work with different sets of policies to balance the mixed workload. Moab's fair share capabilities adjust the resources each job is allocated, based on the user's department and their budget. As their capabilities expand with the new HPC system, they will offer computing cycles to more businesses outside the university in the future, generating additional revenue.

Moab provides the university with the ability to organize not only traditional nodes, but its GPUs as well; further reducing the time spent manually managing jobs. It also gives them important job information, such as projecting when each job is expected to start, which further enhances the level of service they provide to their customers.

“It’s been extremely important for us to maintain our level of customer service while we expand our abilities,” noted Matt Ismail, HPC manager, University of Warwick. “With Moab, we can ensure fairness among our customers and make adjustments, dedicating more resources to jobs as necessary. It’s helped us become much more productive.”

“As the HPC environment becomes more complex, it’s increasingly important for organizations to schedule jobs efficiently and effectively,” said Michael Jackson, president of Adaptive Computing. “Moab provides an unmatched degree of flexibility and visibility that helps our customers stand out among HPC providers.”

With Moab in place to manage their scheduling needs, the University of Warwick has been able to accomplish more with their system than they had been able to previously. Seeing the success of the initiative, the university is now in a position to proceed with its plans to expand its operations and open HPC services to more businesses in the community.

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#### **About Moab HPC Suite 7.0**

Adaptive Computing offers HPC workload management products with the patented Moab intelligence engine for policy-based, predictive scheduling across workloads and resources. Both products accelerate results delivery and maximize utilization while simplifying workload management across complex, heterogeneous cluster environments. The Moab® HPC Suite products leverage the multi-dimensional policies in Moab to continually model and monitor workloads, resources, SLAs, and priorities to optimize workload output. And these policies utilize the unique Moab management abstraction layer that integrates data across heterogeneous resources and resource managers to maximize control as organizations automate workload management actions.

#### **About Adaptive Computing**

Adaptive Computing, manages the world’s largest supercomputing environments with its self-optimizing dynamic cloud management solutions and HPC workload management systems driven by Moab®, a patented multi-dimensional intelligence engine. Moab® delivers policy-based governance, allowing customers to consolidate and virtualize resources, allocate and manage applications, optimize service levels and reduce operational costs. Adaptive Computing offers a portfolio of Moab cloud management and Moab HPC workload management products and services that accelerate, automate, and self-optimize IT workloads, resources, and services in large, complex heterogeneous computing environments such as HPC, data centers and cloud. Our products act as a brain on top of existing and future diverse infrastructure and middleware to enable it to self-optimize and deliver higher ROI to the business with its:

- Moab Cloud Suite for self-optimizing cloud management

- Moab HPC Suite for self-optimizing HPC workload management

For more information, call (801) 717-3700 or visit [www.adaptivecomputing.com](http://www.adaptivecomputing.com).

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