

MOAB GRID SUITE®

A Grid Management Solution

Moab Grid Suite is a powerful grid workload management solution that includes scheduling, advanced policy management, and tools to control all components of today's advanced grids. Unlike other "grid" solutions, Moab Grid Suite truly delivers the ability to connect disparate clusters into a logical whole, enabling grid administrators and grid policies to have reign over all systems, while preserving the sovereignty and control at the individual cluster.

Moab Grid Suite is comprised of powerful applications which allow organizations to consolidate reporting, information gathering, and workload, resource, and data management. Moab Grid Suite delivers these services in a near-transparent way: users are not even aware they are using grid resources—they only know that they are getting their work done more easily and faster than ever before.

Moab Grid Suite incorporates industry-leading applications from Cluster Resources:



- **Moab Workload Manager® for Grids**
A policy-based workload management and scheduling engine
- **Moab Grid Manager®**
A powerful graphical cluster administration interface, monitor, and reporting tool
- **Moab Access Portal® for Grids**
A web-based, end-user job submission and management portal

Moab products manage many of the largest clusters and grids in the world. Cluster Resources' technologies are used broadly across Fortune 500 companies; in fact, Moab is licensed on more Top500 compute resources than any competitor's solution. A globally trusted ISP, Cluster Resources' prices can be one half to one fourth that of similar tools on the market today.*

Business Benefits

- **Move quickly from cluster to optimized grid** with unified management across heterogeneous clusters
- **Intelligent scheduling** that ensures jobs start and run as fast as possible by selecting optimal resources
- **Flexible policy and event engine** that adjusts workload processing at both grid and cluster levels
- **Grid-wide interface and reporting tools** to view grid resources, status/usage charts, and trends over time for capacity planning, diagnostic, and accounting purposes
- **Control**—Allow different business groups to access and view grid resources, regardless of physical or organizational boundaries, or restrict access of resources to specific entities

TRY MOAB GRID SUITE FREE FOR 30 DAYS

<http://www.clusterresources.com/pages/products/evaluate.php>

For more information, call +1 801-717-3700 or toll free (US only) +1 888-221-2008 or +44 (1223) 437134

*OS support for Linux (all), Unix (AIX, IRIX, HP-UX, FreeBSD, OSF/Tru-64, Solaris, etc.), Mac OS X & limited Windows support.
Resource Manager support for LSF, TORQUE, PBSPro, SGE, SLURM, LoadLeveler, OpenPBS, BProc & custom resource managers.*

* As compared with last known available commercial MSRP price data

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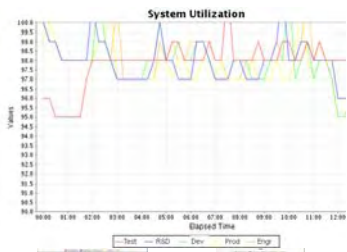


Process More Work in Less Time to Maximize ROI



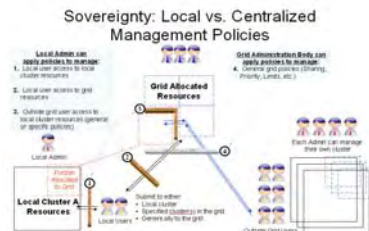
- Achieve higher, more consistent utilization of resources with intelligent scheduling that matches job requests to best-suited resources
- Use optimized data staging to ensure remote data transfers are synchronized with resource availability to minimize poor utilization
- Achieve better job performance with automatic learning that improves scheduling decisions based on historical workload results
- Allow local cluster-level optimizations of most grid workload

Grid Control with Automated Tasks, Policies and Reporting



- Guarantee that the most important work runs first with flexible global policies that respect local cluster policies, but continue support grid service level agreements
- Ensure availability of key resources at specific times with advanced reservations
- Tune policies prior to roll out with cluster- and grid-level simulation
- Use a global view of all grid operations for self-diagnostics, planning, reporting and accounting across all resources, jobs and clusters

Controls for Cluster Sovereignty and Trusted Sharing



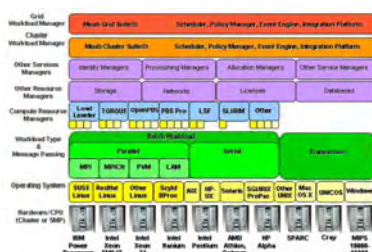
- Guarantee that shared resources are allocated fairly with global policies that fully respect local cluster configuration and needs
- Establish trust between resource owners through graphical usage controls, reports, and accounting across all shared resources
- Maintain cluster sovereignty with granular settings to control where jobs can originate and be processed
- Establish resource ownership and enforce appropriate access levels with prioritization, preemption, and access guarantees

Increase User Collaboration and Productivity



- Reduce end-user training and job management with easy-to-use graphical interfaces
- Enable end users to easily submit and manage their own jobs through a web browser, minimizing the costs of catering to a growing base of needy users
- Collaborate more effectively with multi-cluster co-allocation, allowing key resources to be reserved for high-priority projects
- Leverage saved job templates, allowing users to quickly submit multiple jobs with minimal changes

Unify Management across Independent Clusters



- Unify management across existing internal, external and partner clusters—even if they have different resource managers, databases, operating systems and hardware
- Get out-of-the-box local area grid and wide area grid support that can scale to dozens of clusters and tens of thousands of nodes
- Manage secure access to resources with simple credential mapping or interface with popular security toolsets
- Leverage existing data migration technologies such as SCP, GASS or GridFTP