



Intelligent Cloud and HPC Workload  
Management Software



## Moab® Adaptive Computing Company Overview

### Introduction

Adaptive Computing manages the world's largest computing installations with its Moab® self-optimizing cloud management and HPC workload management solutions. The patented Moab multi-dimensional intelligence engine delivers policy-based governance, allowing customers to consolidate resources, allocate and manage services, optimize service levels and reduce operational costs. Our leadership in IT decision engine software has been recognized with over 45 patents and over a decade of battle-tested performance resulting in a solid Fortune 500 and Top500 supercomputing customer base.

The Moab intelligence engine is unique in its ability to accelerate and automate both complex IT decisions and processes through multi-dimensional policies. Only Moab can automate decisions and processes across business priorities and SLAs, current and future time horizons, and heterogeneous physical and virtual resources and management tools, as well as many other dimensions.

Adaptive Computing's mission is to bring higher levels of decision, control, and self-optimization to the challenges of deploying and managing large and complex IT environments so they accelerate business performance at a reduced cost.

### Solving Complex IT and Business Challenges

Customers look to Adaptive Computing to solve today's complex and tough management problems so they can lower costs, improve efficiency and service levels, and accelerate the IT that powers their business. In fact, many of our customers site Moab as the only technology they have found that was capable of solving their hardest management problems. Adaptive Computing products offer solutions to key challenges including:

- Speeding the delivery of IT services to the business
- Improving IT flexibility to meet SLA's and priorities

- Reducing capital costs by maximizing resource utilization
- Reducing operating costs by eliminating manual management across heterogeneous IT
- Managing IT service and resource usage cost transparency
- Reducing instability and disruptive errors in IT services

### Solutions and Markets

Adaptive's Moab products accelerate, automate, and self-optimize IT workloads. Built for high scale, Moab meets the challenges of today's complex HPC and cloud computing environments. Moab acts as a brain on top of existing infrastructure, enabling computing systems to self-optimize and deliver higher return on investment. The Moab product family includes:

- Moab Cloud Suite for self-optimizing cloud management
- Moab HPC Suite for self-optimizing HPC workload management

### Global Solutions and Services

The company's global headquarters is in Provo, Utah (USA), with European offices in the United Kingdom and Asia Pacific offices in Singapore. This enables Adaptive Computing to deliver products and solutions to customers around the globe with local region sales as well as consulting and support services to ensure success. The company currently has over 120 employees and has grown steadily every year since inception to meet growing customer demands and needs.

### Strong Partner Alliances

Adaptive Computing has strong partnerships with HP, IBM, Microsoft, SGI, Cray, and other leading technology companies, which allows us to deliver self-optimizing cloud management and HPC workload management solutions to organizations of all sizes. These vendors leverage our leading intelligence engine to make their cloud and HPC solutions more competitive and innovative for their customers.



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Working with this strong ecosystem of partners, we enable customers to access the full potential and benefits of elastic cloud capabilities across the entire service lifecycle, leveraging the investments customers have in their trusted infrastructure providers. We also enable customers to harness the maximum value, work and competitive discoveries from their cloud and HPC investments. Our broad ecosystem of partners also underscores our ability to work with best of breed, heterogeneous environments so our customers maintain both flexibility and choice, and strong integration and support for their infrastructure.

## Trusted Expertise and Experience

You want a technology partner with the experience to guide you on the most direct path to realizing your IT and business goals. Adaptive Computing's product and professional services teams offer proven expertise and best practices in delivering accelerated decisions, control and automated management for massive scale and complex environments. Our experience is earned from more than a decade solving IT management challenges in the most scale-intensive and complex environments in the world, not to mention working as pioneers in the high-performance computing (HPC) and cloud computing revolutions.

Adaptive Computing's Moab intelligence engine technology manages one of the world's largest private clouds and around 40% of the top 10, top 25 and compute cores of the top 100 supercomputing systems in the world according to Top500.org. Moab is also the preferred decision engine solution for the leading global data center vendors and their solutions. Adaptive Computing provides both the best technology and best practices that have been battle-tested in leading international banks, government agencies, manufacturers, healthcare and service organizations, and global commercial enterprises such as:

## Commercial

- ATK
- Boeing
- ExxonMobil
- GulfStream
- Lockheed Martin
- Orbital
- RTI International
- The Weather Channel
- Bank of Canada
- Colsa Corporation
- Fred Hutchinson Cancer Center
- Honeywell
- Merck
- PACCAR (Peterbilt)
- Sanofi-Aventis
- Whirlpool

## Government

- Livermore National Lab
- Los Alamos National Lab
- National Cancer Institute
- National Center for Supercomputing Applications (NCSA)
- National Oceanic Atmospheric Association (NOAA)
- National Renewable Energy Lab (NREL)
- National Security Agency (NSA)
- Oak Ridge National Labs (ORNL)
- Pacific Northwest National Labs
- Sandia National Lab
- SciNet Consortium
- Space and Naval Warfare Command
- US Army and Navy

## Academic

- Georgia Tech
- Northwestern University
- Penn State University
- TeraGrid
- University of Illinois
- WestGrid
- Michigan State University
- New York University
- Rice University
- University of California Berkeley
- University of Toronto

## Ownership

The company has profitably grown every year, has no debt, and recently added acceleration-centric investment from Intel, Tudor and Epic Ventures.

## Contact a solutions advisor by phone or email, or visit our Web site today

North America, Latin America +1 (801) 717.3700  
Europe, Middle East, Africa +44 (0) 1483 243578  
Asia, Pacific, Japan, India +65 6597-7053  
Email: [solutions@adaptivecomputing.com](mailto:solutions@adaptivecomputing.com)  
[www.adaptivecomputing.com](http://www.adaptivecomputing.com)

## Corporate Headquarters

1712 S. East Bay Blvd. Suite  
300 Provo, Utah 84606

