

Adaptive Computing Company Overview

Introduction

Adaptive Computing provides intelligent automation software for data-center, cloud, and high-performance computing environments. The company's infrastructure intelligence solutions, powered by Moab®, deliver policy-based governance that allows customers to consolidate and virtualize resources, allocate and manage applications, optimize service levels, and reduce operational costs.

Adaptive Computing products manage the world's largest computing installations and are the preferred intelligent automation solutions for the leading global data center vendors.

Company History

David Jackson, joint founder of Cluster Resources Inc., envisioned a system, based on a technology foundation initiated in 1996 with the Supercluster Development Group, in which multiple computers could act intelligently and the software would empower organizations to fully understand, control, and optimize their compute resources.

The resulting open-source Maui Scheduler began with the basic abilities to manage when jobs were processed, which jobs should be given higher priority, and how to share resources fairly according to defined rules. This open-source solution became the foundation for more than a thousand client sites worldwide.

In 2001 Cluster Resources was incorporated to commercialize the software under the Moab® family brand, comprising a next-generation policy-based intelligence engine and scheduler for scalable and large enterprise computing facilities and utility-based computing environments. Moab's architecture goes far beyond the capabilities of its predecessor, Maui, to enable dynamic management of infrastructure resources, software licenses, file spaces, and other devices that can be instrumented to supply status information and enable control.

Hundreds of leading government, commercial, academic, and research laboratories throughout the world rely on Moab® solutions for optimal use of their compute resources, including 12 of the 20 largest computing installations in the world, according to the Top500 results announced in June 2009.

In August 2009, with revenue from adaptive data center and cloud computing overtaking that from the HPC market, Cluster Resources Inc. changed its name to Adaptive Computing Enterprises Inc. and operates under the corporate brand Adaptive Computing™, which more accurately reflects the company's expanded focus. The Adaptive Computing business unit focuses on the commercial data center space, while Cluster Resources® continues as the business unit focused on the HPC market.

Ownership

The company is 100% privately held by its founders and employees with no external or investor ownership, no debt, and growing cash reserves.

Locations and Facilities

The company's worldwide headquarters is in Provo, Utah, with employee and consulting representation in East Coast, Pacific, and Southern U.S. locations and European headquarters in the United Kingdom. The company has over 70 employees and has been doubling in size annually on average since inception.

Strategic Partnerships

Through strategic relationships and tight alignment with global leaders, including HP and IBM, Adaptive Computing is able to deliver enterprise solutions that are defining the market while leveraging the investment customers have in their trusted infrastructure providers.

Moab's integrated, additive approach allows organizations to achieve intelligent adaptive data center and cloud computing capabilities without replacing their existing investments in infrastructure, middleware, or virtualization technologies and to incorporate future infrastructure acquisitions.

Trusted and Experienced

The Moab® family of products is trusted by the most security-sensitive and scale-intensive computing environments in the world, including leading international banks, government agencies, manufacturers, and healthcare and service organizations.

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Customers

Adaptive Computing delivers infrastructure intelligence to organizations worldwide. These organizations break down application and infrastructure silos, increase flexibility, and reduce costs by adding this critical infrastructure intelligence to their existing data-center, cloud, and high-performance computing environments. Representative customers include—

Global banking firm

Moab powers an internal cloud with a self-service Moab Cloud Portal™ that enables users to request custom computing environments. Moab orchestrates real-time dynamic custom provisioning of these requests.

Yahoo

Moab accomplishes data-driven utility computing, where, in real time, Moab converts streaming data into workflows with built-in SLAs and allocates hardware to meet business-process deadlines. This innovative model creates automated SLA-based data management without user or workload intervention.

U.S. Department of Defense Cloud (DISA)

Moab manages HP's Server Automation and Operations Orchestration software to deliver a flexible cloud computing platform. The cloud platform adapts hardware and software based on user requests made through Moab Cloud Portal™. Moab also provides the billing and charging architecture for cost recovery.

IBM's Virtual Loaner Program

Moab delivers key SLA management of this IBM external hosting site, which allows ISVs to test their software on IBM hardware.

Los Alamos National Lab

Moab schedules and manages the world's most powerful supercomputer ("Roadrunner"), a single system that consists of 129,600 CPU cores and performs more than a thousand trillion operations per second, or *petaflop/s*. Moab controls SLAs, policies, and users, while empowering staff with business-critical graphs and reports.

SciNet

Moab is the catalyst of an HPC paradigm shift as it drives provisioning of an on-demand stateless environment using IBM's open-source xCAT to create custom-tailored software stacks that are deployed in just minutes.

Solution Partners

Adaptive Computing works with key world-class technology and solution partners, who bring the hardware and software expertise, services, and support that enable organizations to take full advantage of the extended capabilities of Adaptive Computing products and solutions.

Whether organizations need virtual machine management, private or public cloud computing capability, policy-driven resource usage, HPC workload optimization, or data center energy management, Adaptive Computing and its partners can deliver unified, intelligent automation to help IT executives and directors meet their business objectives.

Contact Us . . .

► Contact us by phone or email, or visit our Web site today—

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