

**About Booz Allen**

Booz Allen Hamilton is a leading provider of management and technology consulting services to the US government in defense, intelligence, and civil markets, and to major corporations, institutions, and not-for-profit organizations. Booz Allen is headquartered in McLean, Virginia, employs more than 25,000 people, and had revenue of \$5.59 billion for the 12 months ended March 31, 2011. (NYSE: BAH)

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## Making Cloud Computing a Reality

The Department of Defense (DoD) faces challenges on three fronts—adopting Cloud First policies, reducing vulnerabilities to improve information assurance (IA) posture, and gaining efficiencies in infrastructure management. Private cloud computing offers solutions to address these challenges by providing a diverse set of services, standardized infrastructure, and enhanced management, scalability, and flexibility.

### Booz Allen Can Help You Be Ready for What's Next

Booz Allen Hamilton, a leading strategy and technology consulting firm, assists clients in deploying efficient and secure private cloud and dynamic infrastructure solutions that span the operational tiers of the IT enterprise. Our methodology analyzes and addresses the people, processes, and technology that are affected by an enterprise private cloud deployment. Our solution has resulted in certification and accreditation (C&A) efficiencies of 30 percent in DoD IA C&A Process (DIACAP) supported processes, reduced maintenance downtime by 75 percent, and decreased the infrastructure footprint by 83 percent, while enabling organizations to stand-up new computer stacks in minutes as opposed to hours.

### Booz Allen's Cloud Capabilities

Booz Allen's cloud computing capabilities center on Strategy and Economics, Analytics, Security, Virtual Desktops, Migration, and Infrastructure as a Service, and Software as a Service as described below:

- **Cloud Strategy and Economics.** Provide the full range of economic modeling skills and technical expertise for evaluating and planning all of the financial, technical, and operational aspects of a transition to a cloud computing environment.
- **Advanced Cloud Analytics.** Implement scalable analytics software and infrastructure, allowing the capture, processing, and analysis of information (e.g., customer data, geospatial and mapping data, imagery, business intelligence) at extreme scale
- **Cloud Security.** Provide unified continuous monitoring and a risk management framework to address data protection, identity management, privacy, compliance, multi-tenancy, and security governance in a distributed cloud computing environment

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delivering results that endure

- **Virtual Desktop Infrastructure (VDI) Deployment and Integration.** Provide flexible and dynamic VDI to simplify management, reduce licensing costs, and implement increased security and data protection requirements
- **Cloud Application Migration.** Perform assessment, prioritization, architectural mapping, reengineering, and optimization of services that have high value and are ready for migration to cloud infrastructure
- **Infrastructure as a Service.** Deliver global data storage, computing, and networking services on-demand through self-service portals
- **Software as a Service:** Implement secure application delivery models, data migration, and integration with existing enterprise applications
- **Data Center Migration.** Identify, establish, and support the critical factors involved in the transformation of legacy IT systems to cloud computing environments

### Success Stories

Booz Allen has worked with clients in the following sectors to successfully implement effective cloud solutions:

- **Army:** Using the five-phased Data Center Transformation approach, Booz Allen helped a large Army command implement centralized cloud management and migrate its legacy systems to a consolidated, virtualized infrastructure. Booz Allen implemented real-time and dynamic infrastructure, cloud elasticity, and automated power management. Using our solution, the command reduced its IT footprint by 80 percent and enabled total cost avoidance of \$5 million over the next 5 years.
- **Defense Information Systems Agency (DISA):** DISA experienced long lead times to stand up new infrastructure, needed to decrease C&A timeframes, and wanted to revamp its Service Catalog portal. Booz Allen analyzed and gathered IT requirements, streamlined the current C&A process by reducing duplication, and implemented a dynamic web portal to enable automated procurement of cloud resources. The enterprisewide solution reduced more than 30 percent of the C&A process.
- **Intelligence Community:** The intelligence communities needed solutions for use cases for big data analytics and consolidation, rapid prototyping of cloud capabilities, and holistic and rapid data analysis. Booz Allen consolidated 10 multi-terabyte disparate databases to a big table database in under 30 days, replaced failing multi-terabyte database systems with big table implementations, and leveraged open source data analytics technologies to provide innovative solutions. The solutions allowed for 10 times as much analysis in a tenth of the time, provided the ability to scale capabilities, and enabled the clients to tackle new problems and create new capabilities.

Whether you're managing today's issues or looking beyond the horizon, count on us to help you be ready for what's next.