

About Booz Allen

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for nearly a century. Providing a broad range of services in strategy and organization, technology, operations, and analytics, Booz Allen is committed to delivering results that endure.

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To request an invitation to become a member of the Government Cloud Computing Community website sponsored by Booz Allen Hamilton, please e-mail cloudcomputing@bah.com

Cloud Computing: Big Data Technology

Does all your data fit on one computer? Most corporate enterprises face significant challenges in fully leveraging their data. Frequently, data is locked away in multiple databases and processing systems throughout the enterprise, and the questions customers and analysts ask require an aggregate view of all data, sometimes totaling hundreds of terabytes.

Cloud technology combines the best practices of virtualization, grid computing, utility computing, and web technologies. The result is a technology that inherits the agility of virtualization, the scalability of grid computing, and simplicity of Web 2.0. Cloud computing is an evolutionary step in computing that unifies the resources of many computers to function as one entity, allowing the construction of massively scalable systems that can take in and store, process and analyze all of your enterprise's data.

Booz Allen can help you be ready for what's next

Booz Allen Hamilton, a leading strategy and technology consulting firm, has long recognized the significant impact cloud computing can have on how organizations store, manage, share, and analyze their data. Booz Allen is at the leading edge of cloud computing technology and its applications. From applications using a few minutes of computer time on a public cloud, to massive data warehousing and data-mining of highly sensitive data on a privately owned cloud, we can integrate cloud technology into your enterprise architecture for immediate impact while helping you get ready for what's next.

Techniques and tools for mastering big data

The definitive application of cloud technology is as a large-scale data storage, development and processing system, allowing your enterprise to master big data. Booz Allen's IT professionals, equipped with extensive expertise in the application of cloud computing technology can help you get immediate impact from cloud technology while setting a course for mastering your big data.

But the agility of cloud computing has applications beyond effective use of data. Because all data is now maintained in a centralized system, we can help develop and implement a centralized security policy that can be easily enforced, allowing precise and well-documented control of sensitive data. In addition, the cloud provides an environment in which to prototype, test, and deploy new applications in a fraction of the time and cost of traditional systems.

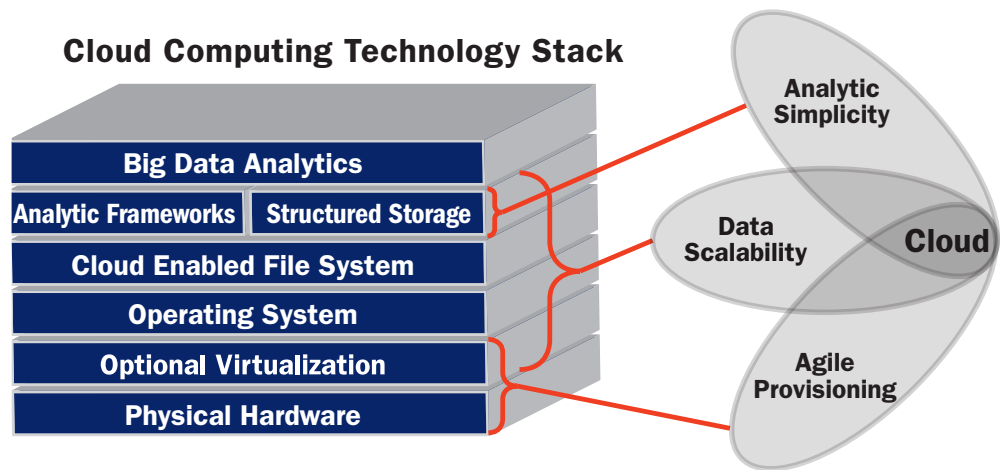
The benefits continue to accrue as your "cloud" grows. As more datasets are aggregated, the cloud gains a critical mass of data across an enterprise, becoming "the place" to put data. As each dataset is added, and potentially analyzed with the other datasets, there is an exponential increase in benefit to the enterprise. We can enable your enterprise with simplified programming and data models, which, combined with easy access to a wide range of data, results in an explosion of innovation from across your enterprise in the form of data mashups, data-mining applications, and one-time use applications.

Ready for what's next. www.boozallen.com

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delivering results that endure

Cloud Computing Technology Stack



Combining the agility of virtualization, scalability of grid and simplicity of Web 2.0, we bring you the basic building blocks for leveraging big data:

- **Simplicity.** Scalable systems can handle the biggest datasets with ease, resulting in orders of magnitude reduction in development time and complexity.
- **Scalability.** Using many computers in place of one allows system capacity to increase simply by adding more machines. There is no exponential increase in cost.
- **Agility.** Because individual machines are programmatically controlled and usually virtualized, their tasks can be quickly changed, based on changing demands.

Booz Allen experience and expertise

Booz Allen has achieved a position of thought and action leadership in the adoption of cloud computing in the US Government. From our earliest testing of cloud computing constructs and vendors, transition planning, and technological methodologies to the highly regarded Cloud Computing Summit hosted by Booz Allen in October 2008, we have been at the forefront in understanding, developing, adapting, and upgrading effective tools and paradigms so government agencies can use this new technology.

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