

**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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## Security and Cloud Computing

### A Critical Evolution in Planning, Implementation, and Management

Cloud Computing is a “game changer” in IT security planning and management. Government IT systems have significant statutory and regulatory requirements placed upon them regarding security, security standards, and security practices. Historically, IT assets had different types of controls placed on them, and security policies and procedures for in-house or contractor-operated systems were more immediately manageable. Moving to a Cloud Computing environment requires a “rethink” when addressing IT system security planning, policies, and procedures.

Numerous statutory and regulatory controls and requirements dictate IT security. Some are direct, such as the Federal Information Security Management Act, and some are more inferential, such as Sarbanes-Oxley. Government agencies have various programs in place to support security, critical infrastructure protection (CIP), control of potentially sensitive information, and numerous other items. Many agency policies and procedures have evolved to meet requirements for elements of various agency programs, mission areas, and overall requirements. Some of these are proactive, some are reactive—such as following the events of 9/11—and some are driven by specific or generalized legislation.

Risk management is a major piece of the overall Cloud Computing “puzzle” because it demands a higher level of assurance and resilience in a world of necessary uncompromising vigilance and protection from cyber threats. As a result of the nature of Cloud Computing—data storage, distributed global access to services, and potentially shared computing resources—major issues need to be addressed in regard to security policies, procedures, and tools used to initiate, maintain, and secure a cloud environment. By integrating and continually reassessing vendor operations and security standards with internal policies and procedures, agencies can ensure their portion of the cloud is safe, complies with federal regulations, and maintains the integrity of their data and services.

### Booz Allen has strong experience and expertise

Working with Cloud Computing offerings in prototype and pilot programs, Booz Allen Hamilton, a leading strategy and technology consulting firm, has developed a portfolio of methodologies, approaches, skills, and—perhaps most importantly—the “right questions to ask” to ensure proper and effective security for IT systems. Across a spectrum of defense and civilian agencies throughout government, Booz Allen offers a security strategy and policy development capability that enables clients to define the appropriate strategic direction for their organization. We offer an approach to help clients define their security strategy, vision, goals, objectives, and supporting policy and procedures.

### Booz Allen services yield verifiable results

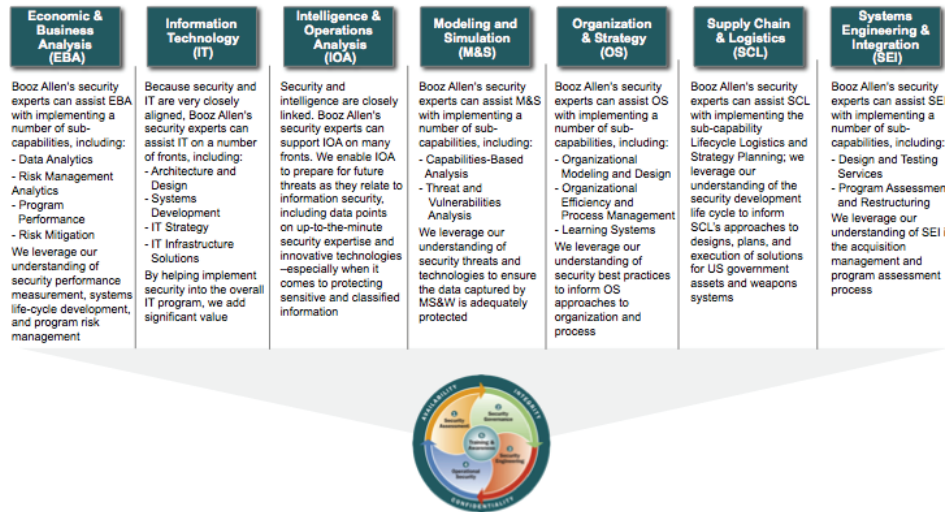
Booz Allen’s security services span virtually all levels of security planning and requirements for government in the civilian and defense areas. Rather than a “one size fits” all approach, our services are focused in five primary areas and encompass a suite of tailorable tools and methodologies, as well as significant experience, to define and apply the right solution for our clients. We offer the following:

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delivering results that endure

- **Security Assessment.** A portfolio of security assessment approaches and techniques to identify security exposures and risks at any level of an organization
- **Security Governance.** A collection of capabilities that works to set and align a security program (and its components) with the overall business strategy and organizational objectives
- **Security Engineering.** A set of capabilities focused on designing security controls to adequately protect information while supporting both the user's needs and existing organizational constructs
- **Operational Security.** Capabilities to ensure implemented security controls and remediation recommendations continuously work and are effective
- **Training and Awareness.** A compilation of capabilities to ensure personnel at all levels of an organization possess the competencies to perform their security responsibilities



The services outlined above are crosscutting services that support and intersect with virtually all aspects of IT systems design, development, and implementation from a planning and operations perspective. They also support organizational transformation. Their success and viability are proven continuously through the successful, secure operation of the systems they have helped create.

Booz Allen's security approach is based on the organization's business value proposition and current operating environment. We work closely with the client organization to define a strategy that supports and aligns with the overall business objectives. Critical to our approach is achieving consensus with the key stakeholders on what the security strategy should look like. Without that consensus, we understand that no effort can be successful.

To achieve a consensus on the security strategy, we facilitate numerous workshops and focused brainstorming sessions to achieve cognizance, buy-in, and awareness at all levels of the organization for the security priorities. A security strategy aligns organizational components and key stakeholders with high-level roles and responsibilities. The security strategy and policy also provide the organization with a common vernacular from which to address security concerns. Once defined and approved, the Booz Allen implementation meets the standards and goals of technical and programmatic requirements from a cost/schedule/performance perspective, including O&M-centric services and capabilities, such as security change management capability programs and processes.

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