Cloud Security Assessment & Authorization Services

CGI

Moving to the cloud introduces greater complexity in assuring the security, confidentiality, integrity and availability of applications and data. Government in particular faces extensive compliance requirements. With a depth of experience in providing cloud-based security for large enterprises, CGI's proven cloud security assessment and authorization (A&A) services help clients achieve and maintain compliance for the full range of cloud models.

BETTER READINESS AND PREDICTABILITY

An unpredictable security compliance process can lead to increased costs, missed opportunities and overall frustration. Knowing what to expect beforehand can help smooth and streamline the process itself.

CGI's A&A services help clients develop successful paths to authorization by setting stakeholder expectations upfront. Our subject matter experts work closely with our clients to develop the quickest, most cost-effective plans and approaches. The ultimate goal is a predictable assessment outcome that meets government and industry security guidelines and standards.

Our key A&A readiness services address:

- **Planning and communications**–Reduce schedule risk by identifying internal and external dependencies, sources and magnitude of risks, and by coordinating and facilitating mitigation strategy and tactic discussions and consensus among stakeholders.
- **Control selection, implementation and documentation**–Select and implement the most effective controls to mitigate risk to data while meeting compliance requirements. Well-documented control implementation increases system readiness for transition to operation or to undergo assessment by a third party. For the latter, it also improves the rate at which a successful outcome is achieved.
- **Control validation**–Provide assurance that controls meet objectives and produce the desired outcomes. Control validation further increases the probability of quickly and successfully completing an assessment by a third party within an initially planned budget and schedule.
- **Internal training**–Increase an internal compliance team's capabilities and experience to conduct future assessments and improve outcomes.

FACT SHEET

- A&A SERVICES TO MEET Key Security Standards

CGI cloud security A&A services help organizations achieve compliance with government and industry security guidelines and standards, including:

- Federal Risk and Authorization Management Program (FedRAMP)
- Department of Defense (DoD) Cloud Computing Security Requirements Guide
- Health Insurance Portability and Accountability Act (HIPAA)
- Health Information Technology for Economic and Clinical Health (HITECH)
- National Institute of Standards and Technology (NIST) Special Publications and Federal Information Processing Standards

KEY FACTORS IN ACHIEVING CLOUD SECURITY COMPLIANCE

- **Stakeholder management**–The operations and maintenance of cloud services often includes stakeholders from different organizations. Identifying roles and responsibilities upfront allows future coordination to develop mitigation tactics.

- **Portfolio complexity**–Adoption of cloud services creates a hybrid IT portfolio of cloud and traditional IT services, introducing additional complexities to A&A and compliance activities.

- **Quality**–Risk of non-compliance and administrative burden can be mitigated with a quality-based approach and competent resources.

- **Efficiency**–Organizations need to be efficient and timely to save costs associated with A&A documentation and submission.

ONE PARTNER, MANY SOLUTIONS

CGI cloud security compliance services support a range of activities to achieve predictable assessment outcomes. Options include:

- **Cloud risk assessment preparation** to provide a thorough walk-through of a cloud compliance review including an independent review of policies and procedures, employee knowledge and understanding of security processes and a validation that confirmation artifacts ensure controls are in place and working.

- **Solution-specific engagement** to prepare an Infrastructure as a Service (IaaS), Platform as a Service (PaaS), or Software as a Service (SaaS) offering for government or other industry certification

- **Ongoing continuous monitoring** and compliance maintenance for cloud-based services

- **Security evaluation and integration** to assess application security requirements to achieve desired protection levels in the cloud

- **Hybrid IT portfolio security compliance management** as part of our CGI Unify360™ hybrid IT management suite

WHY CGI?

CGI has deep expertise in cloud security assessment and compliance, currently performing about 30 cloud-based A&A's per year. We built our cloud from the ground up to meet the rigorous security standards and compliance needs. CGI was the first large cloud services provider to obtain both civilian agency (FedRAMP) and defense (DISA) cloud security authorizations.[1]

ABOUT CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world. We combine innovative services and solutions with a disciplined delivery approach that has resulted in an industry-leading track record of delivering 95% of projects on time and within budget. Our global reach, combined with our proximity model of serving clients from 400 locations worldwide, provides the scale and immediacy required to rapidly respond to client needs. Our business consulting, systems integration and managed services help clients leverage current investments while adopting technology and business strategies that achieve top and bottom line results. As a demonstration of our commitment, our client satisfaction score consistently measures 9 out of 10. Visit cgi.com for more information.

For more information about CGI, visit www.cgi.com

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[1] Provisional Authorities to Operate (P-ATOs) from FedRAMP Joint Authorization Board and the Defense Information Systems Agency (DISA), which serves as the cloud service broker for the U.S. Department of Defense (DoD).