



Solutions

# Managed security services



Your clients depend on the services your business provides. They trust you to keep their information secure. They also need to be sure that you have the infrastructure in place to adhere to a growing number of industry requirements. How confident are you in your IT security and compliance?

CGI's Managed Security Services help clients manage the complex realm of security needs – from compliance and audits to policies and architecture. And, with round-the-clock, end-to-end protection against cyber criminals whose attacks on organizations and agencies are growing at alarming rates, you gain the peace of mind to focus on what's most important – growing your business and serving your customers.





## End-to-end security services. No weak links.

As you deal with shrinking budgets, complex systems and a lack of specialized staff, making IT security a core competency of your operation presents significant challenges. That's where CGI comes in.

CGI's security experts and innovative solutions provide both a strong offense and defense. Our managed security solutions protect your operation at the infrastructure and data layers, and our advisory services are designed to assess and strengthen your existing approach.

## Secure results you can count on

Trust and confidence...it's what clients expect from a managed services provider, especially one handling the critical job of keeping IT systems secure. CGI provides 24x7x365 monitoring of systems, real-time reporting and immediate action on suspicious activity.

Serving clients globally, our industry-certified, accredited and security-cleared experts utilize proven industry best practices such as ITIL and SANS to provide clients with the guidance and expertise they need – all delivered under our ISO 9001-certified Client Partnership Management Framework.

## Total protection by CGI

CGI's Managed Security Services are designed to easily scale and adapt to an organization's evolving security needs – from technical services to business compliance. Proven time and again against the toughest client requirements, our processes, governance, and service levels combine to deliver the promised level of protection.

Clients have access to our own Computer Incident Response Team, which is fully dedicated to security. CGI's team has extensive experience in dealing with potentially threatening situations and has established proactive, consistent policies and procedures to eliminate the risk of ad-hoc responses to security issues.

Our five Security Operations Centers continuously seek and deploy the latest and best solutions to maintain a state-of-the-art infrastructure. And, we are proud to be a member of the Forum of Incident Response and Security Teams (FIRST™), which provides access to best practices, tools, and trusted communication to more effectively respond to security incidents.



Together, our comprehensive suite of services help client manage the complex realm of security needs – from compliance and audits to policies and architecture.



Data leakage? CGI stops the flow.

## Our services: Governance, risk and compliance

We approach governance, risk and compliance as an integrated lifecycle that requires a holistic view of processes, policies, strategy and technologies. CGI helps clients manage and support their business operations to create more confidence in regulatory and fiduciary compliance and reduce audit costs and findings. We offer the following:

- **Robust Compliance Reporting Services** that provide a set of compliance-specific control objectives
- **Security Advisor Services** from CGI's certified security professionals
- **Security Event and Incident Management**
- **Continuous Vulnerability Assessments and Security Advisory Alerts Service** to thoroughly review risks and vulnerability

## Our services: Data risk management

CGI takes a proactive approach to our clients' risk strategy. We work closely with clients to identify specific areas within their systems, policies or processes that have the potential to put information, critical assets and data confidentiality in jeopardy. We offer the following:

- **Application Activity Monitoring**, which includes database activity, web services gateways and web application firewalls
- **Strong Authentication Services** to ensure that only the right persons can access client IT assets. Established security policies determine appropriate technology access.

- **Identity Management solutions** to enable access control and confidentiality
- **Web Policy Enforcement** to allow for monitoring and enforcement of an Acceptable Use Policy for employees accessing the Internet via the Web. Based on the policy in place, clients can also determine which of five major risk classes and over 90 major categories of Internet Web sites the solution should filter and report.
- **Data Loss Prevention** guidance provides content inspection and contextual security analysis of transactions within a centralized management framework and aids in the detection and prevention of unauthorized use and transmission of confidential data.

## Our services: Infrastructure protection management

Protection against physical and cyber risks requires a sound infrastructure protection methodology. CGI helps its clients assess its assets, threats and vulnerabilities and applies the latest security network and systems technologies to thwart would-be hackers or cyber criminals. We offer the following:

- **Intrusion Protection Service**, whether network or host, wired or wireless, will listen for suspicious activity, providing a safety net to detect, prevent and contain incidents of unauthorized communications that may appear as legitimate
- **EndPoint Security and Encryption Services** to provide protection against malicious software behavior and enforcement of usage policies on laptops, desktops, mobile devices and servers
- **Log Management Services** to provide the tailored ability to collect and centrally aggregate logs, quickly browse through large amounts of data required during investigation, produce reports needed for compliance, analyze and correlate logs to identify malicious activities and attack patterns, and generate alerts on specific criteria customized to the client environment
- **Firewall Management on a variety of platforms** within the data center or at branch locations
- **Security Messaging Services** to enhance your existing security posture, prevent viruses and spam, and control unwanted e-mail content

## SECURE INFRASTRUCTURE SUPPORTING BEST PRACTICES IN INCIDENT RESPONSE

Our five Security Operations Centers continuously seek and deploy the latest and best solutions to maintain a state-of-the-art infrastructure. And, CGI is proud to be a member of the Forum of Incident Response and Security Teams (FIRST™), which provides access to best practices, tools and trusted communication to more effectively respond to security incidents.

CGI has also developed multiple approaches to **anti-denial of service** to meet the varied requirements of our clients. CGI leverages standard technical security services such as Firewall Management and Intrusion Detection / Prevention services to address denial of service attacks with supporting processes and programs such as hardening and security patches, emphasizing the use of strong passwords and anti-virus programs.

For clients with more rigorous or targeted needs, CGI offers a fully managed service. During an attack, legitimate and denial of service traffic from multiple sources are redirected to mitigation centers. Legitimate traffic is allowed to pass, while identified denial of service traffic is dropped, keeping the customer environment secure.

### Governance, Risk and Compliance

- Compliance Reporting Services
- Vulnerability Management
- Security Event and Incident Management
- Security Advisor Services

### Data Risk Management

- Application Activity Management
- Strong Authentication
- Identity Management
- Web Policy Management
- Data Loss Prevention

### Infrastructure Protection Management

- Intrusion Protection Services
- Endpoint Protection
- Log Management Services
- Firewalls Management
- Secure Messaging Services
- Anti-DDoS



9/10 satisfaction score  
from 2,500 signed client  
assessments



Among the lowest  
attrition rates in the  
industry – with 87%  
of professionals as owners



35+ years of long-term growth  
with 31,000 professionals  
in 125+ offices



Committed to world-class  
service levels with over  
98% exceeded or met



Rigorous project monitoring  
resulting in 95% on-time,  
on-budget delivery

# At CGI, we're in the business of satisfying clients by helping them win and grow.

Since our founding in 1976, we've operated upon the principles of sharing in clients' challenges and delivering quality services to address them. As a leading IT and business process services provider, CGI has a strong base of 31,000 professionals operating in 125 offices worldwide, giving us the competitive advantage of close proximity to our clients.

Through these offices, we offer local partnerships and a balanced blend of global delivery options to ensure clients receive the optimal combination of value and expertise required for their success. We define success by helping our clients achieve superior performance and gain competitive advantage.

We offer services to clients across the globe in the following areas:

- Infrastructure Services, Solutions & Consulting
- Managed Application Services
- Systems Integration and Consulting
- Business Process Services

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Business  
solutions  
through  
information  
technology®

