

Cyber Security Strategy

Organisations are increasingly dependent on information systems for all their business activities with customers, suppliers, partners and their employees. Organisations need to be confident that they can operate successfully and are compliant within legal and regulatory requirements. Their cyber security risks need to be understood in the context of the overall business, sponsored and supported at Board level and managed within the business. For decades we have supported our clients to embed cyber security into their business operations.

THE CHALLENGE

The cyber threat to organisations is increasing daily. These attacks are becoming more sophisticated and target people, systems and organisations.

Senior management within organisations both need to know, and want to know, how to demonstrate confidence to their customers, stakeholders, partners and regulators that their organisation operates in a secure manner.

They want to protect their most valuable information and assets. They must understand, and accept responsibility and accountability for their cyber security risk. They also need to ensure that mechanisms have been implemented to drive security management policy, procedures and processes through their organisation.

Management want to operate in a fast moving environment, using the latest technologies and ways of working to increase productivity, exploit new channels to customers and utilise a global supply chain, whilst knowing they are not compromising the security of their organisation.

OUR CYBER SECURITY STRATEGY SERVICE

We work with clients to identify and protect what is most valuable to them, align their information security to their business objectives, identify where their organisation might be vulnerable, the legislative and regulatory requirements they need to comply with and ensure that all staff have the training to understand their security responsibilities.

We can assess the level of cyber security maturity within an organisation, examining both the current and future environments based upon information provided by our client, its partners, suppliers and stakeholders, as well as our own knowledge of the cyber threat landscape.

We will identify the actions that need to be taken so that our clients can be confident their cyber security investment is at the right level and effective.



A CYBER SECURITY PARTNER YOU CAN TRUST

- The best cyber security supplier in the UK with hundreds of experts
- We are developing a secure service enabling utility companies to access information on the energy usage of the 53 million smart meters which will be deployed in the UK from 2015
- We were responsible for the security of the UK 2011 Census program, assuring the privacy of 60 million citizens
- Over hundred clients across the world are supported by CGI's cyber security managed services
- We have ensured that the biggest and, most complex, single infrastructure project in Europe is security accredited for the UK's Ministry of Defence
- We have Europe's largest team of experts in space security working on major European space programmes
- We are one of the founding members of the CESG CHECK scheme which ensures our penetration testing is within UK government guidelines
- For 27 years we have operated a commercial evaluation facility and regularly test the products and services of over 25 global technology suppliers
- As a trusted partner to the Canadian Payments Association, we help ensure that more than \$170 billion in transactions a day are cleared through CPA systems safely and securely

We provide a five stage process to review a client's cyber security strategy:

- **Functional analysis** – a functional view or “rich picture” will be developed that includes the “As-Is” and “To-Be” requirements of the client's business
- **Cyber threat profile** – developed from internal and external data sources, including knowledge from CPNI (Centre for Protection of National Infrastructure) representatives, input from multiple sources and networks, contact with industry sector clients and CGI's own experience in the sector
- **Detailed in depth analysis** – analysis initiated in specific areas i.e. security policy, risk management, telecoms, security operations, technologies, major projects and systems. Information gathered via face to face meetings, document reviews and workshops
- **Cyber review report and options paper** – final documents which present the options for the future expansion of the client's cyber defences, disseminated to the client's cyber security management, representatives and key stakeholders
- **Remediation** – implementation and support to the client to put in place any incident management and remediation services against cyber attacks

We can provide a fully operating Information Security Management System which will enable clients to respond quickly to business changes.

Clients can reduce their operational costs by using our reporting and compliance managed service.

WHY CGI?

We can provide the deep expertise to keep you ahead of the attackers and protect your organisation. For over 35 years, we have helped secure government and commercial clients and delivered some of the most complex technology projects and services. We have received many accolades for our work and have supported our clients to achieve a 100% success rate when undertaking ISO 27001 accreditation.

We have dedicated UK cyber security consultants advising a wide range of clients across UK public and private sectors. We have invested heavily in establishing our credentials by working closely with international security associations and standards bodies.

Many of our team are recognised as leaders in the industry, contributing to the development of standards such as ISO/IEC 27002. They are part of CGI's 1,400 strong global cyber security team and they bring this shared expertise, research, knowledge, capabilities and solutions to our client projects.

We offer the full range of support from consultancy, secure solutions to services such as Protective Monitoring and Advanced Threat Investigation.

We have been trusted by hundreds of clients to help them operate securely. They can be agile, adopt new technologies and ways of working, develop a global supply chain and new channels to their customers – whilst remaining confident that they are secure.

ABOUT CGI

With over 68,000 professionals in 40 countries, CGI fosters local accountability for client success while bringing global delivery capabilities to clients' front doors.

Founded in 1976, CGI applies a disciplined delivery approach that has achieved an industry-leading track record of on-time, on-budget projects.

CGI has a global team of cyber security experts, who work with governments and commercial clients, ensuring their business critical systems and services are effective and secure.

CGI is one of the few providers worldwide with three accredited security certification facilities - located in the UK, Canada and the U.S. Our ten Security Operations Centres continuously identify and deploy the best solutions to maintain a state-of-the-art infrastructure, handling over 74 million cyber events a day.

Our high-quality business consulting, systems integration and outsourcing services help clients leverage current investments while adopting new technology and business strategies that achieve top and bottom line results.

As a demonstration of our commitment, our average client satisfaction score for the past 10 years has measured consistently higher than 9 out of 10.

For more information about CGI, visit : www.cgi-group.co.uk/cybersecurity or email us at cybersecurity@cgi.com

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