

# Cyber Security – Maturity Assessment

**T**he security-related legislative and regulatory burden on all organisations is increasing – whilst the threats from all quarters, including organised crime, nation-states and activists, are growing in complexity and volume.

Dealing with this requires agility to respond to this constant, rapid change, whilst maintaining a solid, pragmatic cyber security regime. This has caused many organisations to require their partners and suppliers to demonstrate the steps taken to meet the challenge.

## MEETING THE CHALLENGE

Demonstrating how an organisation meets these threats is best done by methodically establishing the maturity of its cyber security regime.

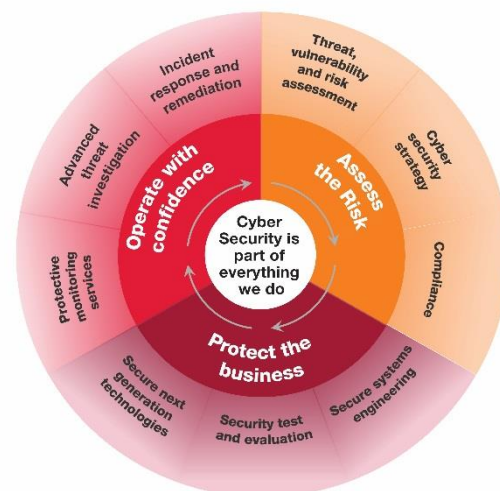
CGI's Cyber Security Maturity Assessment (CSMA) methodology provides a detailed report and score that reflects how prepared an organisation is to protect its valuable information against cyber threats. The CSMA model reflects UK Government's approach to maturity assessment and is conducted as follows:

- The assessment considers governance and leadership, training and awareness, information risk management, through life information assurance, assured sharing, compliance and scores each area on a 0 – 5 scale
- The assessment highlights potential organisational and technical vulnerabilities & compliance gaps. It also helps build an understanding of which legislation, regulations, standards, guidance and other publications need to be complied with
- The CSMA is underpinned by a comprehensive toolkit that captures and exploits CGI's past experience, including our proprietary IRIS risk assessment method, security culture assessment and accredited penetration testing
- The report details a prioritised action plan to meet the threats and improve the organisation's maturity score.

Unlike other techniques, the improvements identified will help evolve security so that any investments in increased controls are more likely to become embedded and more effective.

## HOW CGI CAN HELP

CGI is highly experienced at partnering with clients to shape and then deliver maturity improvement programmes that progressively



## A CYBER SECURITY PARTNER YOU CAN TRUST

- We operate critical national infrastructure services in the finance, energy, utilities, transport and health sectors
- We have well developed relationships with UK government departments, regulators and security authorities.
- We are leading authors of many of the relevant formal standards including BS, CEN and ISO.
- We are reviewing the cyber security readiness and compliance of the major elements of the UK energy industry.
- We have ensured the security of the UK Armed Forces' medical records.
- We were responsible for the security and legal compliance of the 2011 UK Census.
- We have first-hand experience of deploying and using many of the tools available in this emerging cyber security discipline.
- Over one hundred clients worldwide are supported by CGI security managed services.

increase maturity to a level consistent with an organisation's risk appetite and tolerance.

CGI is a registered data controller and well placed to execute all of the work packages that would feature in maturity improvement, such as:

- **Performing health-checks** of existing enterprise compliance and assurance process frameworks.
- **Developing and implementing enterprise risk management frameworks** that are compliant with ISO31000.
- **Building integrated control and compliance frameworks** including **supply chain assurance programmes**.
- **Compliance and assurance managed services.**
- **Defining enterprise security architectures.**
- **Running education, training, awareness and culture change programmes** for all staff, including directors, CROs, CISOs, DPOs and compliance managers, to ensure they understand their responsibilities.
- **Resilience improvement programmes.**
- **Supporting organisations in their engagements with external organisations**, including security authorities.
- **Facilitation of formal certifications to various standards including ISO27001 and ISO22301.**

## WHY CGI?

For over 40 years, CGI has 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, which is reliant on the right culture being in place.

The Cyber Security Maturity Assessment service builds on this solid background - amplifying and enhancing our technology and security management solutions to embed security into the business. We have dedicated UK cyber security consultants advising a wide range of clients across UK public and private sectors – part of a nearly 2,000 consultant-strong global cyber security team who bring shared expertise, research, knowledge, capabilities and solutions to our client projects.

## 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.

CGI's 40 year heritage of project delivery and the provision of managed services for clients in a wide range of sectors has delivered extensive expertise in designing, implementing and operating compliance & assurance processes and systems,

CGI is itself a regulated organisation, with significant compliance and assurance obligations. To facilitate this, CGI is certified to a wide range of standards such as ISO27001, ISO22301, ISO9000, ISO14000, ISO18000 as well as sectoral and professional standards. We are the only UK organisation to retain the Service Desk Institute's 5 Star Award.

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

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/cyber](http://www.cgi-group.co.uk/cyber) or email us at [cyber@cgi.com](mailto:cyber@cgi.com)