

CISO as a Service

Chief Information Security Officer as a Service, also known as virtual CISO, provides our clients with the expertise of an external experienced information security consultant, in a cost and time efficient way.

Many organisations do not have the internal resources, or simply can't justify employing a full-time senior information security professional. It's difficult for IT teams to keep up with the changing landscape of cybersecurity threats we are all confronted with.

CISO as a Service can help bridge this gap, enabling access to high level security expertise to pragmatically reduce the risk of compromise to key systems and sensitive data within your business that could result in brand damage and financial losses.

A senior security consultant with the appropriate skills, experience and expertise shall be assigned as the primary contact. The CISO will be backed up by a team of security professionals to give the customer access to people with the right subject matter expertise for each particular task, and to provide resilience and continuity in the delivery of the service.

The overall delivery of CISO as a Service shall be via a combination of remote working and onsite engagements with the company. BH Consulting is highly experienced in dealing with international projects and have the processes, platforms, and capabilities to offer support to teams in offices located in other territories.

The table below illustrates service levels based on organisation size and complexity (these are examples only, individual requirements are discussed and agreed with each client to meet their particular needs and risk profile).



CISO as a Service



TASK	ENTERPRISE	LARGE	SME
Provide CISO as a Service (incorporating periodic meetings)	✓	✓	✓
Gap analysis of the current cybersecurity framework against the ISO 27001:2013 Information Security Standard	✓	✓	✓
Develop a cybersecurity strategy	✓	✓	✓
Assistance selecting appropriate cybersecurity technologies, services, and solutions, based on needs (Please note: BH Consulting are Vendor Neutral, we don't sell technology solutions)	✓	✓	✓
Conduct security assessments	4	2	1
Review and advise on security architecture for corporate network to better prevent attacks and provide early detection of attacks	✓	✓	✓
Provide ad hoc security advice as required	✓	✓	✓
Review/development of Incident Response Plan	✓	✓	✓
Provide cybersecurity audit facilities	✓	✓	✓
Provide advice on latest cyber security trends, threats and solutions	✓	✓	✓
Carry out annual security awareness training	✓	✓	✓
Conduct simulated phishing campaigns	4	2	1
Carry out external vulnerability assessments	Quarterly	Quarterly	Annually
Conduct an annual review of compliance with appropriate regulatory security standards	✓	✓	✓
Conduct periodic cloud security assessments	4	2	1
Review & update policies annually	✓	✓	
Carry out a breach management desktop exercise	✓		
Security assessment of 3rd party vendor management	✓		
Carry out an annual external network penetration test	✓	✓	
Carry out an annual web application penetration test	✓		

The list of tasks shown is indicative and can be tailored to suit specific requirements. There are additional services we can provide, so further tasks can be included following a review of requirements.

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