Cyber Security Posture Review

Digital Pathways

As part of our Analyse Service, the Cyber Security Posture Review (CSPR) helps organisations understand their current maturity, identifying risks and providing recommendations mapped to the National Cyber Security Centre's 10 Steps to Cyber Security, which ensures they are operating an effective cyber security framework against the ever-evolving threat landscape..

Through a combination of questionnaires, face-to-face interviews and follow-ups we examine the organisation's maturity against each of these steps, identifying risks and providing contextualised, actionable recommendations. This approach ensures organisations have the foundations to defend against cyber security risks and to protect information relating to customers, employees and business operations

1. **Risk Management Regime**
Assess the risk to your organisation's information and systems with the same vigour that would be used for legal, regulatory, financial and operational risks. To achieve this, there needs to be a Risk Management Regime embedded across the organisation, supported by the Board and senior managers.

2. **Secure Configuration**
Apply security patches and ensure the secure configuration of all systems is maintained. In addition, create a system inventory and define a baseline build for all devices.

3. **Network Security**
Protect your network from attack. Defend the network perimeter, filter out unauthorised access and malicious content. Monitor and test security controls.

4. **Manage User Privileges**
Establish effective management processes and limit the number of privileged accounts. Limit user privileges and monitor user activity. Control access to user activity and audit tags.

5. **User Education and Awareness**
Produce user security policies covering acceptable and secure use of your systems. Include in the staff training. Maintain awareness of cyber risks.

6. **Incident Response**
Establish an incident response and disaster recovery capability. Test your incident management plans. Provide specialist training. Report criminal incidents to law enforcement.

7. **Malware Protection**
Produce relevant policies and establish anti-malware defence across the organisation.

8. **Monitoring**
Establish a monitoring strategy and produce supporting policies. Continuously monitor all systems and networks. Analyse logs for unusual activity that could indicate an attack.

9. **Removable Media Controls**
Produce a policy to control all access to removable media. Limit media types and use. Scan all media for malware before importing onto the corporate system.

10. **Home and Mobile Working**
Develop a mobile working policy and train staff to adhere to it. Apply the secure baseline and build to all devices. Protect data both in transit and at rest.

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Our Approach

We first work with you to understand your business services and assets and, importantly, how you interact with customers and third parties. Then we walk you through the 10 Steps to Cyber Security, ensuring you understand the scope of each and are able to identify the appropriate stakeholders for initial questionnaires and interviews. At this time, we will agree with you the artefacts that are required to support the review.

Through the review of completed questionnaires and artefacts, and the subsequent stakeholder interviews, we are able to assess your capability against the 10 Steps to Cyber Security. The organisation's maturity level will then be determined by reference to a Capability Maturity Model (CMM) based on an industry standard methodology, which will provide you with a maturity score between 0-5, where 0 is non-existent and 5 is optimised.

Our findings are then formalised in a written report. The report will provide you with a CMM score, recommendations against the 10 Steps to Cyber Security, and will prioritse our recommendations in order to fast-track your maturity.

Benefits

Whilst the report documents your organisation's maturity against the 10 Steps to Cyber Security, its value to the business is the prioritised recommendations. Each recommendation will be contextualised to your environment, ensuring they are pragmatic, implementable and result in appropriate, measurable improvements to your maturity.

Whilst the review is not positioned as a deep-dive assessment, it will provide a top-down assessment, enabling you to identify areas that may require further review.

About Digital Pathways

Digital Pathways has been in the data security market for over 25 years and has a range of solutions to meet today's complex requirements for compliance and data privacy.

We believe this Posture Review, delivered in conjunction with our independent assessor, Cyber Business Growth, will equip you with the information you need to identify a positive strategy for your digital journey. If, during the process, you find you need support or solutions to resolve any potential weaknesses, Digital Pathways can help with remediation or additional investigations to fully support your digital business processes.

Digital Pathways' success is based on its team who bring together some of the very best minds in the business; professionals who are both highly trained in data security, have worked extensively in the commercial world and know how their solutions work in practice. The theory is the starting block; practical, successful application is the result.

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