



ETHOS Cyber Security Health Checks

**Cyber Security services; applying
our passion to your business!**

ETHOS

ETHOS Cyber Security Health Checks

ETHOS can assess your cyber risk profile, the effectiveness of your security controls and safeguards as well as identify your vulnerabilities.

Our cyber security health checks include:

External Vulnerability Scan

Our external vulnerability scan looks for holes in your network firewall(s), where malicious outsiders can break in and attack your network and systems. We use an industry leading vulnerability scanner to check your web application for SQL injections, XSS, S3 bucket misconfigurations and 1500+ other vulnerabilities. Our scan goes beyond OWASP Top 10 and identifies security issues specific to your tech stack. 150+ handpicked ethical hackers contribute security findings that are built into the scanner to identify the vulnerabilities you should be eliminating!

ETHOS will walk you through the vulnerability report, provide advice and guidance on the level of cyber security risk your business is exposed to and provide practical advice and guidance on how to plug the holes.

Workstation Security Assessment

Our workstation assessment can be conducted remotely and will check a variety of common security risk areas including:

- ✓ Your operating systems patch levels
- ✓ Your applications patch levels
- ✓ If antivirus and malware detection provisions is adequate
- ✓ Password security policy enforcement
- ✓ Check user, guest, and admin accounts for privilege creep
- ✓ Assess the removal of unnecessary applications

Internal Vulnerability Scan and Secure Configuration Assessment

Our internal vulnerability scan and secure configuration assessment looks for operating system and application vulnerabilities across multiple Linux and Windows distributions, as well as configuration of ports and local network device. We use best of breed vulnerability scanning technology that includes the following features:

- ✓ Compatibility with computers and servers of all sizes
- ✓ Detection of security holes in local or remote hosts
- ✓ Detection of missing security updates and patches
- ✓ Simulated attacks to pinpoint vulnerabilities
- ✓ Execution of security tests in a contained environment
- ✓ Can be utilised to scheduled security audits

Mobile Device Security Assessment

Mobile devices are one of your greatest vulnerabilities. This is often true for organisations that operate a BYOD policy where corporate and personal data is mixed on the device. Maybe you have a Mobile Device Management System in place? Our mobile device security checks up look at a range potential security vulnerability and assesses your organisations general level of risk. Our check-up is extremely comprehensive:

- ✓ Helping users check which the apps and services are connected to their accounts, removal of those that are no longer required
- ✓ Check app permissions are appropriate
- ✓ Verify if any app scanning system in is operation
- ✓ Check some security basics around the use of passwords, passcodes, or biometric authentication
- ✓ Help users check their saved passwords lists and remove any that are no longer required
- ✓ Evaluate the prevalence of the use of 2 factor authentication
- ✓ Check for remote wipe capabilities
- ✓ Optimise lock screen security

and much more...

Management Controls

Implementing appropriate management controls in the form of policies, procedures, guidelines and training is an essential component of your overall Cyber Security Strategy. ETHOS can conduct a review of existing controls, identify where there are gaps and highlight where existing controls could be strengthened. Although not an executive list the following provides an overview of the types of policies that might be considered:

- ✓ Acceptable Use Policy (AUP)
- ✓ Access Control Policy (ACP)
- ✓ Change Management Policy
- ✓ Information Security Policy
- ✓ Incident Response (IR) Policy
- ✓ Remote Access Policy
- ✓ Email/Communication Policy
- ✓ Disaster Recovery Policy
- ✓ Bring Your Own Device Policy
- ✓ Password Policy

ETHOS is available to answer any questions you may have about our Cyber Security Health Checks and provide a bespoke quotation based your business's requirements.

For more information about ETHOS safety and innovation work please find us on:



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