WHITETHORN® SHIELD
## Website & Internet Domain Cyber Assessment Service

On Average, 30,000 Websites Are Hacked Everyday – How Secure Is Yours? *

The Bank of England guidance for CBEST is that all important organisations should raise their security game to defend themselves against 21st century cyber attackers. CBEST is widely considered as a world-leading framework for intelligence-led security testing.

Whitethorn Shield is an automated, artificial intelligence driven solution that leverages research to detect vulnerabilities within your websites and domains. It provides actionable intelligence to reduce the risks by improving management control and minimising the number of service outages and security breaches - thereby increasing the protection of your business assets and customer data.

Whitethorn® Shield helps ensure greater security and protection for your business websites and domains

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RESEARCH ➡ DETECT ➡ MANAGE ➡ PROTECT
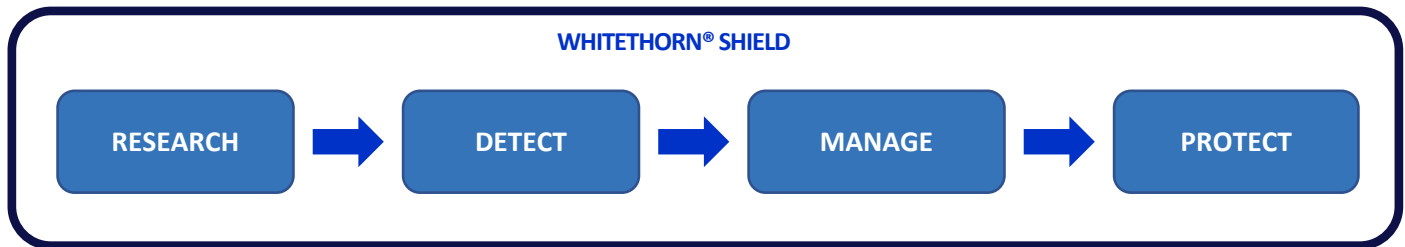
Key Service Features and Business Benefits

Research and Detect Features	Manage & Protect Business Benefits of the Whitethorn® Shield Service
Insecure external content (HTTP)	Identify and close backdoors that could allow hackers to penetrate your network
SSL / TLS known vulnerabilities	Identify and renew expired/revoked certificates and remove self-signed/fake certificates
HTTP methods deployed	Remove any hidden malicious coding that could put your website at risk
Website and domain vulnerabilities	Ensure vulnerabilities in the tools and frameworks used by your websites are addressed
Industry standards compliance	Ensure compliance with industry standards such as GDPR, PCI DSS and the NIST Guidelines
SPF, DKIM & DMARC protocols	Ensure the three leading email authentication protocols are operational on your servers
Web application cookies and security flag issues	Ensure correct security attributes have been set in the cookies configuration
Cybersquatting, typo-squatting & related phishing	Facilitate closure of any domains set up to lure web traffic to steal your customer details
Dark Web exposure	Alert management of mentions of your organisation, domain names, or access credentials
Social networks squatting	Alert management of access credentials found on social networks to stop fraudulent use
Domain Blacklist presence	Alert management of any blacklisting of your domains due to illicit use

The outputs from the Whitethorn® Shield research are analysed to detect vulnerabilities, which are then detailed in a comprehensive report showing all domain and website configurations, along with any security weaknesses. This allows either your inhouse resources to address the vulnerabilities, or you can engage CIP's services and expertise to address the issues in order to fully protect your business. The Whitethorn® Shield reports produce the actionable intelligence required to be confident of achieving both your targeted security compliance levels and audit readiness. An annual subscription to the Whitethorn® Shield service includes a weekly scan, an alert for significant issues identified, as well as the monthly report.

Whitethorn® Shield Next Steps - If you are not certain that your website and internet domains and sub-domains are fully secure then contact CIP as below. CIP is happy to carry out an initial free trial, limited scan and provide a sample report to both demonstrate the Whitethorn® Shield capabilities and to assess your current level of cyber security vulnerabilities.

Get in touch

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