SECURITY ASSESSMENT OFFERINGS

Bytes Software Services and Longwall Security

The Challenge

Today more than ever, the goal of complete cyber security remains a moving target, with many organisations struggling to cover the basics, let alone keep pace with the relentless innovation of cyber attackers and security solutions. If the myriad threat vectors and corresponding security technologies were not already daunting enough, IT and security professionals regularly face internal challenges of budget and time constraints, a lack of coherent policy and C-level buy-in, and generally poor levels of security awareness among users.

The Threats

Fundamentally, the threats remain the same as ever:

> **Cyber criminals** seeking to extract financial reward through denial of service, ransomware, and good old-fashioned selling of information to 3rd parties

> **Rogue employees** or ex-employees committing data theft and/or sabotage for competitive advantage or malicious intent

> **Unintentional loss of data** or accidental damage to critical IT infrastructure

The Risks

The business risks remain broadly the same too - loss of Intellectual Property, loss of Business Continuity, Reputational Damage - but with two distinctly tangible recent additions:

> **Ransom fees,** payable for release of data encrypted by Ransomware

> **Fines of up to €20M** or 4% of turnover for loss of personal data as defined by the EU General Data Protection Regulation

The Solution

Bytes have teamed up with our consulting partner, **Longwall Security,** to put together a comprehensive set of measures aimed at addressing some of your most pressing cyber security challenges:

Gain independent assessment of your current security posture	**Identify security gaps** and prioritise remediation actions	**Validate the effectiveness** of existing security solutions	**Enhance your first line of defence** with robust user awareness training

Offerings:

Advanced Cyber Security Assessment (Gold)	**Baseline Cyber Security Assessment** (Silver)	**Vendor-approved Solution Health Checks** (Trend, Sophos)	**Managed Security Awareness** ("Phish Your Users")
Read more >	Read more >	Read more >	Read more >

< **Overview**

| Advanced Cyber Security Assessment | Baseline Cyber Security Assessment | Vendor-approved Solution Health Checks | Managed Security Awareness |

Cyber Security Assessment - Advanced

Gain rapid and cost-effective insight into your organisation's cyber defences

> An independent top-down review of security posture
> Validate existing policy and controls with respect to best practice
> Set a baseline for continuous improvement
> Identify and prioritise remediation actions
> Support investment planning
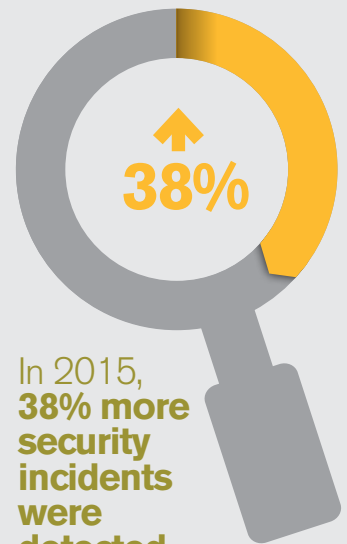
A full review of Cyber Security controls

> Policies and Compliance
> Logon and Password Restrictions
> Workstation Software Restrictions
> Firewall configuration
> Email filtering and mail flow
> Web filtering
> Web Application Firewall / reverse proxy
> Externally hosted web sites
> Mobile Device Management
> Encryption
> Defence in Depth
> Remote Connectivity
> Legacy Operating Systems
> Endpoint Security / Anti-Virus

> Inventory Management
> Penetration Testing
> Vulnerability Management
> Management of removable media
> System and Application Access Control
> Password Management
> Patch Management
> HR Security
> Change Management
> Network Intrusion Detection/Prevention
> Advanced Persistent Threat Protection
> Identity and Access Management
> Physical Security and Access
> BYOD

Comprehensive analysis, testing and reporting

> Onsite assessment visit
> Review of security awareness, policies, monitoring and compliance
> Gap analysis of security technology adoption with respect to best practice
> Vulnerability scan of up to 250 assets, including website & external-facing, critical internal infrastructure and workstations
> Phishing proneness test of 100 users
> Detailed technical report
> Face-to-face executive briefing of findings, remediation solutions and recommendations

Information security requirements and controls should reflect the business value of the information involved and the potential negative business impact which might result from the lack of adequate security.

ISO/IEC 27002:2013

38%

In 2015, **38% more security incidents were detected** then in 2014

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Cyber Security Assessment - Baseline

Gain rapid and cost-effective insight into your organisation's cyber defences

> An independent top-down review of security posture
> Validate existing policy and controls with respect to best practice
> Set a baseline for continuous improvement
> Identify and prioritise remediation actions
> Support investment planning

Professional Independent Assessment

> Onsite assessment visit
> Review of security awareness, policies, monitoring and compliance
> Gap analysis of security technology adoption with respect to best practice
> Vulnerability scan of up to 5 external IPs
> Detailed reporting of findings and recommendations

Comprehensive analysis, testing and reporting

> Policies and Compliance
> Logon and Password Restrictions
> Workstation Software Restrictions
> Firewall configuration
> Email filtering and mail flow
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> Web Application Firewall / reverse proxy
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> "Information is an asset which, like other important business assets, has value to an organisation and consequently needs to be suitably protected"
>
> **ISO 27002**

Ransomware sends phishing volumes up **almost 800%**

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Vendor Approved **Health Check**

In most organisations IT Security breaches occur not because there is no protection in place but because the chosen protection is poorly configured or only partially deployed.

Our Health Check provides independent validation that your Sophos or Trend Micro solution is correctly installed, fully deployed, and configured to deliver best protection. Our Architect-certified consultants have unrivalled field experience to help you identify and remediate issues and to ensure that your user policies reflect best practice.

Your Objectives

Peace of mind
No IT Security solution can ever be truly "fire-and-forget". Sophos and Trend Micro have trusted solutions to protect your organisation, but you need to be sure they are correctly configured and deployed.

Best protection
The threat landscape is constantly changing and your security solution needs to be continually enhanced in response. You need to review regularly to keep your protection up to date.

Maximum ROI
With ever growing demands on IT spend, you need to be sure you are getting a full return on your security investment and can justify additional budget share where needed.

Our Deliverables

IT Security Practices Review
Best protection is complete protection. We start with a high level review of IT Security provision, policy and skills to help identify potential gaps across your organisation.

Infrastructure and Deployment
We make a detailed assessment of the health and performance of your updating and management infrastructure to confirm there is full client connectivity and deployment across your estate.

Policy Review
We take an in-depth look at feature adoption and compliance with policy best practice.

Health Check Report
We produce a comprehensive executive report summarising findings and recommendations, backed by full assessment details.

Maximise ROI & help reduce risk with a **Security Health Check**

TREND MICRO™

SOPHOS
Authorised Services Partner

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Managed **Security Awareness**

Your users may be the weakest link in your network security.

91% of successful data breaches started with a spear-phishing attack.

Security Awareness turns your users into a 'Human Firewall' preventing attackers from gaining an easy foothold inside your network.

Phish your users

Frequent simulated attacks to test phish-proneness, hundreds of templates with unlimited usage, and community phishing templates.

> Monthly simulated phishing attacks
> Full library with hundreds of successful and up-to-the-minute phishing templates, customised to your organisation where appropriate

> New Office templates with macros to simulate recent ransomware attack
> Customised landing page for clicked URLs

See the results

We deliver Enterprise-strength reports, showing stats and graphs for both training and phishing, ready for management.

> Training progress reports (who started, completed, started but never finished)
> Details on enrolment %, course started %, incomplete %, completed course, acknowledged security policy
> Individual user "report cards" with their

> "open and click" history
> Top 50 clickers report
> Personal time-line overview for every individual user
> GEO-location charts and tables: where are the clickers?

Train your users

We provide on-demand, interactive, engaging training with common traps, live demos and scenario-based Danger Zone exercises.

> On-demand, browser-based training by "The World's Most Famous Hacker"

> Automatic enrolment and follow up emails to "nudge" users who are incomplete

> Continually updated content from full time development staff

Why Security Awareness?

Ransomware

CEO Fraud

Compliance

That's why

Average cost of spear-phishing attack is $1.6M

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