

# Vulnerability Scanning & Compliance Assistance

## Securing your environment and the horizon

How secure is your network? Are you certain that all potential points of exploit or security holes have been identified and addressed? Until a system is tested from every possible angle, you simply cannot say with reasonable certainty just where things stand with your security.

At Altron Bytes Managed Solutions, we understand that every network is different.

Security isn't just a firewall; compliance isn't just a checklist. There is no magic bullet. It's an ongoing process that can always be improved. We provide our customers with tailor-made risk assessment solutions that highlight your risk profile based on a scoring system.

All assessments can be done as a once-off, adhoc or as an ongoing managed service.



### Network Security Assessment

This assessment provides you with a fast and effective way to expose threats and vulnerabilities in your network:

- Run a non-intrusive scan on the network to collect and analyse the data and provide you with a scoring-based risk assessment report.
- Gives you the ability to secure your environment by providing you with reports to uncover and remediate CVEs (Common Vulnerabilities and Exposures).
- We provide assistance with policy generation and management by identifying threats both external and internal.
- We search for existing breaches. These are often undetected and backdoors are left for future breaches. We find the 'fingerprints' so that you can close the backdoors and prevent them from happening again.

### Our CVSS (Common Vulnerability Scoring System)

reports provide you with both an overview and detailed reports, customised to your requirements.

Afraid of the dark? With our **Dark Web** scanning capability, we scan the dark web and report on the amount of records found for your domain as well as supply the five latest passwords being sold.



During our assessment we provide network transparency by automated generation of Visio and Excel network diagrams to provide you with a visual view of your network.

### **PCI Compliance Assessment**

PCI DSS compliance is a regulatory requirement that affects all merchants and businesses that accept card payments. If non-compliant, you are subject to significant fines or even losing your rights to accept card payments. We utilise tools from a leading software vendor that has incorporated the “smarts” from leading PCI authorities to create a powerful framework for performing comprehensive PCI risk assessments that are guaranteed to stand up to any review.

#### **• Initial data collection**

- Internal and external vulnerability scan executed
- Pre-Scan Questionnaire completed with your security teams

#### **• Data collected by conducting a PCI network scan and a quick computer Cardholder Data Environment (CDE)**

- Identify systems in the CDE
- Run PCI deep computer scan on systems in the CDE with a sample of systems outside the CDE

#### **• Collect secondary data**

#### **• Collect secondary data in worksheet**

- Port security
- User identification
- Antivirus capability
- Server function identification
- PCI verification questionnaire

### **GDPR / POPI Compliance**

POPI (Protection of Personal Information Act) and GDPR (General Data Protection Regulations) compliance assessments:

- We assess POPI and GDPR compliance, generating the mandatory reports determining if all requirements are being met, and if not, what needs to be done to become compliant.
- We provide a set of tools and reports to assist with the logical requirements of POPI / GDPR compliance. We do initial and ongoing compliance, generating a baseline and enabling you to track your efforts towards total compliance.
- Our automated network scans provide the ability to scan the network environment and answer a set of pre-configured questions to determine if all requirements are being met, and if not, what needs to be done to become compliant.

### **A complete managed solution**

In-keeping with our managed solution principles, we provide a holistic service that enables you to:

- Maintain and constantly improve your security
- Maintain and constantly improve your PCI, POPI and GDPR compliance, where applicable
- Plan, monitor and track improvements to security and compliance
- Improve security visibility

You can improve your SIEM (Security Incident and Event Management) and SOC (Security Operations Centre) processes by using our metrics, allowing for valuable and useable output.

### **For more information contact:**

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