

Security Solutions

The Reality

In today's interconnected world, businesses rely on information technology to further relationships with partners, vendors and customers. However, this connectivity can also allow the uninvited an opportunity to gain access to the organization's assets and to threaten its very existence.

The situation has evolved over time with the IT-security landscape broadening as attackers become more and more sophisticated in their endeavors. This perpetual game of cat and mouse continues, as vendors attempt to provide solutions to combat the new attack methods in a swift, but reactive manner. While vendors are attempting to implement solutions that provide some proactive functionality, there is no end in sight.

Regulations and standards are continuously being developed, as governments and governing bodies within industries, respond to the public's growing concerns surrounding security. To meet this challenge, organizations have to engage security professionals to provide the necessary knowledge to address the ever-changing security landscape.

The Solution

Plato Consulting Inc. (Plato) can perform a Security Assessment that provides your organization with an in-depth review of your current security posture. The assessment can be customized to meet your particular needs and may include the following:

Vulnerability Assessment – This is a passive test to identify any vulnerability within your security infrastructure. The assessment uses a number of tools to identify issues with technology from a configuration or Common Vulnerabilities and Exploits (CVE) perspective. A review of processes and procedures is also carried out to identify any vulnerabilities impacting operational security.

Penetration Testing – Often referred to as “white hat” or “ethical hacking”, penetration testing provides the organization with a snapshot of current

perimeter security posture. The testing is conducted over an agreed upon period of time by a security specialist who performs the testing within approved parameters. This testing is more active in nature as the tester attempts to directly exploit the vulnerabilities discovered in the Vulnerability Assessment.

Internal Scan – The internal scan provides you with a detailed security examination of your internal systems to determine any vulnerability that may exist inside the perimeter. Organizations often rely solely on external security measures, such as firewalls, which do not address other significant internal threats.

Configuration Review – The configuration review provides an assessment of the configuration of key servers and network infrastructure that will identify any concerns which may lead to compromise. The majority of issues from a security perspective are due to human error and the improper configuration of network devices, including the configuration of end points, host firewall and intrusion configurations.

Governance and Policy Review – Good governance and a sound security policy are the backbone of a strong security posture. They are required for compliance with the majority of current regulations and standards. They must be rigorously developed to establish the rules for how the organization views security, as well as its place in the business.

Contact us to help manage your Security needs.

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