



## DEEDOC MANAGED SECURITY SERVICES (DMSS)

### *Vulnerability Assessments*

We perform internal vulnerability assessments as well as external vulnerability assessments. Each of our evaluation / assessment service ranges can be split into two categories: Internal and External.

#### Network Vulnerability Scan

Our network vulnerability scanning service involves using network reconnaissance techniques that would be similar to what a remote network hacker would use in order to gain network access and information. In order to expose the vulnerabilities that a hacker would find, we perform network reconnaissance to find and help us analyze your network in regards to known or recently discovered vulnerabilities. This service also scans for open ports and checks that no hijacking is in progress. As a result we can provide a full report that is easy-to-read and fully analyzed for mitigation and resolution.

#### Service Overview:

Deedoc Consulting offers security evaluation services to meet any level of client requirements, industry specification, and due diligence requirements. Our evaluation services range from:

- Basic assessments of IT platforms, operating systems, applications, and host-based services (Internal)
- Security assessments of business processes and automation
- Advanced security evaluations for custom applications and security products currently in use at the client site.



5 of the top 10 Internal Vulnerabilities in March 2011

Number	Vulnerability Name	Qualys ID	Common Vulnerabilities and Exposures (CVE)	Severity
1	Microsoft Windows GDI + Remote Code Execution Vulnerability (MS09-062)	90551	CVE-2009-2518	High
2	Print Spooler Remote Code Execution Vulnerability - Microsoft Windows (MS10-061)	90636	CVE-2010-2729	High
4	Microsoft Internet Explorer Remote Code Execution Vulnerability (MS11-003 et KB2488013)	100096	CVE-2011-0038	High
5	Microsoft Office Could Allow Remote Code Execution (MS09-017)	110094	CVE-2009-0556	High
10	Code Execution Vulnerability - Adobe Flash Player (APSA11-01 et APSB11-05)	119052	CVE-2011-0609	High

There are many internal and external computer vulnerabilities that expose an organization to remote attacks, denial of service attacks, information theft and more. Most of the premise is that open application vulnerabilities are overlooked by programmers from Microsoft, Adobe, application developers for private banking, and even Linux developers, etc ...

In our research, we made a list of five vulnerabilities in March 2011 that are of interest to company without any ICT security. In particular, the number one vulnerability: the integer overflow in GDI + Microsoft Office XP SP3 allows remote attackers to execute arbitrary code via an Office document with a bitmap (BMP file type), which triggers a memory corruption image, aka "Office BMP integer Overflow vulnerability."

The type of impact of this vulnerability allows unauthorized disclosure of information, unauthorized modification, and termination of service. It is so dangerous that it does not require authorization from the attackers and succeeds by the cooperation of the users.



## WHY USE DEEDOC CONSULTING'S VULNERABILITY SCAN?

- There are thousands of vulnerabilities that a hacker can find in hacking your network
- Reduce your overall cost of managing in-house vulnerability scanning that requires hiring additional security experts, developing automated scanners, and/or purchasing scanning suites
- It prevents service and communication interruptions and loss of "assets" due to vulnerability exposures
- The best collection of security scanners for Windows, Linux, and any type of network.

For more information on any of our products or services please visit us on the Web at:  
<http://www.deedoc.com>

# Service Features and Benefits



## Features

- Determine the weakest points of system and network infrastructure from the internal or external view
- Use combination of white hacking techniques through manual means and commercial tools to produce accurate results
- Security threat reduction to information systems, networks, application usage within the enterprise
- Comprehensive report that includes the executive summary, technical summary, and technical details of each findings.

## Benefits

- Increased information security awareness
- helps produce the best information security strategies to protect company assets
- helps achieve and maintain compliance with national, industry, and security regulations
- protection of corporate integrity and brand
- taking one step ahead of the attacker before attacker can take advantage of vulnerabilities

## OTHER AVAILABLE SERVICES

- Policy Drafting
- ISO Compliance
- PCI-DSS Compliance
- Intrusion Prevention (IPS)
- Enterprise Security Training
- Network Mitigation

## Types of vulnerability scans include:

- Network Vulnerability Scan
- Host Vulnerability Scan
- Web Application Vulnerability Scan
- Database Vulnerability Scan

**Figure 1: Network Vulnerability Scans on Secure Network Behind Firewall**



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