



*Provide preemptive protection and spam control
for your messaging infrastructure with*

IBM Internet Scanner[®] Software

**IBM Internet Security Systems
Ahead of the threat.™**

Find All Your Network's Weak Spots Before They Are Exposed

IBM Internet Security Systems (ISS) Internet Scanner Software is the basis for network security. It provides automated vulnerability assessment for networked systems, including servers, desktops and infrastructure devices. Internet Scanner helps your organization protect critical online assets by identifying vulnerabilities and flaws in operating systems and applications which could expose you to compromise. And it helps you manage a process to correct those vulnerabilities and eliminate the risk to your business.

Internet Scanner performs probes of operating systems, routers/switches, mail servers, Web servers, firewalls and applications – identifying vulnerabilities so that you can address them before hackers try to gain unauthorized access. Scan results are displayed both onscreen and in clear reports that allow your IT department to respond quickly to critical vulnerabilities.

Used as a standalone solution, Internet Scanner performs vulnerability assessment and asset discovery. Internet Scanner can also be used with the IBM Proventia® Management SiteProtector™ central management system to manage vulnerabilities from one central location and prioritize data to help you prepare the most efficient and effective response – before the threat materializes. Through SiteProtector and Internet Scanner, distributed scanning for your entire enterprise becomes a reality.

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Why is vulnerability assessment important?

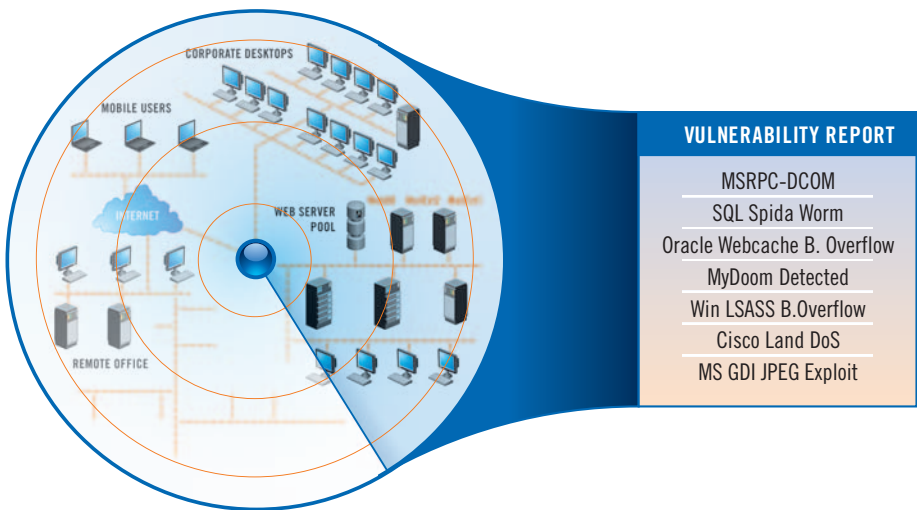
Because Internet threats are becoming more sophisticated – and the costs of information theft are huge.

Today's businesses rely on increasingly intricate networks, and their risk of being vulnerable to malicious attacks is rising proportionately. Most companies have installed “reactive” security measures such as firewalls and antivirus programs, and many have been lulled into believing their system is secure. They don't really know where the security weaknesses are.

If hackers and criminals discover and exploit vulnerabilities your company is not aware of, you can suffer serious consequences:

- Loss of Availability (Denial of Service) - the Web server e-mail is inaccessible or the order entry system ceases
- Compromises of Integrity - unauthorized users conduct
- Web site defacement or e-mail snooping.
- Breaches of Confidentiality - customer records are lost, or confidential information is stolen or made public.

That's more downtime, data loss and expense than any business can or should have to sustain. You can prevent this scenario by performing comprehensive scanning to analyze everywhere your network is vulnerable. Internet scanning minimizes business risk by discovering vulnerabilities throughout your network so you can take protective measures before an attack occurs.



INTERNET SCANNER: Identifies information assets, applications and security flaws

How does Internet Scanner Work?

■ Asset Identification

A sound security management process starts with asset identification. Internet Scanner identifies all the devices, services and applications running on your network. Every Internet Scanner ships with the capability for unlimited asset identification allowing you and your team to keep pace with your company's growth.

■ Vulnerability Management

The next step is vulnerability management. Internet Scanner probes to determine whether the applications, services, and system level code running on each device are at risk of attack. It examines the device's configuration to see if users have misconfigured the device, which could lead to a compromise. Finally, Internet Scanner performs some tests in a non-invasive manner – where there is no danger to your network – to analyze the effects of a real attack. Internet Scanner will perform unlimited discovery, identifying all the systems connected to your computer network. It also conducts Transmission Control Protocol (TCP) stack fingerprinting, using the industry-standard NMAP fingerprint database to provide accurate operating system identification for a broad spectrum of network assets.

■ Reporting

Internet Scanner's reports present detailed technical, operational and management information in a logical, easy-to-understand format. Each report provides instructions corrective action and vendor sites for security patches and more information.

■ Performance and Speed

With Dynamic Check Assignment, Internet Scanner identifies the operating system (OS) of a target host, and then automatically runs OS-specific (Windows, UNIX, LINUX, etc.) checks, increasing the speed and accuracy of the scan. Internet Scanner will identify more assets and unearth more vulnerabilities with a higher degree of speed and accuracy than any other scanner.

■ Security Intelligence

Internet Scanner customers benefit from the latest IBM vulnerability assessment solutions. Our globally respected IBM ISS X-Force® security intelligence team discovers, researches and tests software vulnerabilities in collaboration with government agencies, industry consortiums and software developers. Internet Scanner includes more than 1,300 vulnerability checks, many of which are CVE-compliant. Each check has detailed help information and remediation instructions on how to remove the underlying vulnerability.

■ Ease of Use

Security checks are arranged in the easy-to-use policy editor, allowing users to quickly configure scans appropriate for their organization. Internet Scanner's Common Policy Editor simplifies the configuration process by organizing and categorizing security checks and allowing users to search, filter, and select appropriate configuration options with minimal effort. X-Force-generated default policies provide immediate out of the box configuration. Internet Scanner receives automated updates on the newest electronic threats from the IBM X-Press Update™ product enhancements. This ensures that Internet Scanner can identify and run vulnerability checks on the latest security holes.

"I can complete full scans in a very short amount of time. It does a better job of identifying what the hosts "are" in terms of OS. Its a great tool....and gets used for things that we never imagined we could do..."

Satisfied Customer

Why choose Internet Scanner from IBM ISS?

IBM Internet Security Systems developed the first network scanner more than 10 years ago. It is a stable, accurate and time-tested product. And IBM ISS remains the market leader – 19 out of the World's 20 largest global financial institutions rely on Internet Scanner and IDC ranks Internet Scanner and IBM Internet Security Systems as the worldwide market leader in network vulnerability assessment and management software¹.

Because Internet Scanner can be centrally managed, your company can maintain tighter control over your network and your security environment. And you will

be in compliance with stringent audit requirements for network security. Internet Scanner is backed by the unsurpassed research and testing capabilities of the X-Force. The same experts who keep worldwide government and business institutions abreast of emerging Internet threats will be providing updated information to help keep your network protected. Internet Scanner is designed to function as a standalone product. Yet it seamlessly integrates with the IBM SiteProtector centralized management system and other IBM ISS products to give you multi-layered security and protect you from both known and unknown risks.

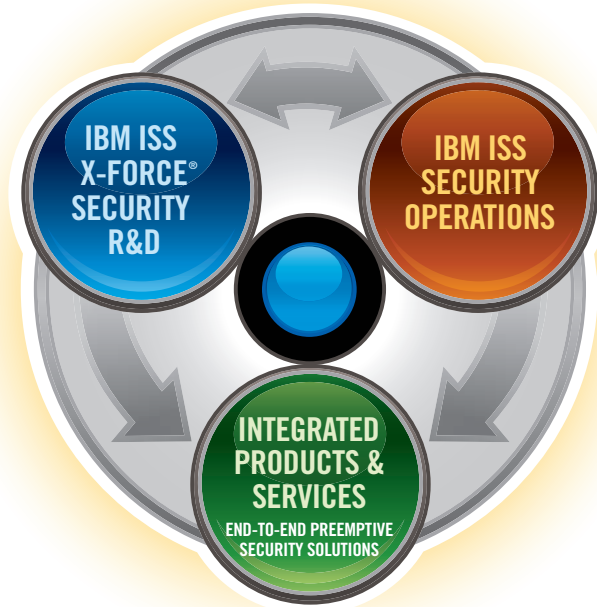
SiteProtector will manage Internet Scanners around the globe.

Internet Scanner works with SiteProtector to schedule and perform remote scans around the world from one centralized location. With the IBM SiteProtector SecurityFusion™ module, Internet Scanner will analyze and prioritize security data so high-risk problems can be addressed quickly, and business risk can be kept to a minimum. This system can automate scan scheduling, reporting, and nearly every formerly manual process involved with vulnerability management. In fact, it does the work of a veteran security professional so that you don't have to – saving you time and money, and reducing stress on your network and IT staff.



1. IDC: "Worldwide Vulnerability Assessment and Management 2004-2008 Forecast and 2003 Vendor Shares," October 2004, document #32026

The IBM Protection Platform



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Internet Scanner is a critical component of the IBM Internet Security Systems protection platform

Internet Scanner is an integral piece of the IBM protection platform which delivers preemptive protection as part of a centrally managed security solution. The IBM protection platform enables a four-part process that helps enterprises:

- 1) Understand what is at risk through continuous vulnerability assessment
- 2) Prioritize what to protect first with central policy administration, correlation technology and services
- 3) Continually protect and secure with intrusion prevention, intrusion detection, firewall, VPN, antispam, antivirus and Web filtering, spyware blocking and application security
- 4) Demonstrate the value and performance of security through customized reporting and benchmarking

Internet Scanner represents the vulnerability mapping portion of the IBM protection platform and helps customers understand what is at risk within their IT infrastructure. By combining ongoing vulnerability management with threat prevention, customers are able to significantly reduce their exposure to online threats. Plus, reporting capabilities can illustrate the tangible value and benefits of risk reduction in formats that executives and auditors can understand.

Discover how the Internet Scanner application can protect your business from Internet threats. Be sure to ask if your company qualifies for a free 30-day trial.

Get more product information: www.iss.net. For an on-site demonstration, contact the IBM ISS office nearest you.

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