



# IBM Proventia Network Enterprise Scanner

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## Highlights

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- ***Helps reduce enterprise security risk by accurately identifying, prioritizing, tracking and reporting security vulnerabilities***
- ***Saves time through automated and continuous scanning***
- ***Scans up to 5 network segments from a single appliance, helping to reduce costs***

### **Accelerating time to risk reduction by prioritizing protection**

Your network is constantly under threat from viruses, worms, spyware, unauthorized users, and other security threats. Performing a critical task such as vulnerability management—within your organization's time and cost constraints—is a challenge. You need to convert the complex procedures necessary to assess IT risks into simple ones, as well as automate the time-consuming manual steps to free up resources. You need the ability to scan multiple network segments, which can require additional hardware, further adding to your cost. Plus, you need to plan remedial measures and meet regulatory compliance.

Do you need a vulnerability management system that can help support the availability of your revenue-producing services and protect your corporate data? IBM Proventia® Network Enterprise Scanner (Enterprise Scanner)

is a proactive tool that accelerates time to risk reduction by prioritizing vulnerability remediation tasks. It eliminates manual steps by allowing continuous automated scanning across multiple network segments from a single appliance. It helps you leverage existing investments and decrease the cost of ownership through IT system integration. It helps identify existing IT risks and enables you to observe due diligence in conforming to regulatory requirements.

### **Identifying and reporting vulnerabilities to help reduce risks**

Many organizations have complex IT infrastructures that can be prone to security risks. You need to assess your organization's security vulnerabilities and determine remedial steps before any real damage occurs. Enterprise Scanner provides help in discovering IT assets, determining their vulnerabilities, recommending remediation steps and

assigning workflow activities to the appropriate personnel. Tracking and monitoring vulnerability issues is easy with the internal and external ticketing system. You gain the detail needed to pass audits and maintain compliance standards using the reporting and benchmarking features, plus you can generate customized reports that show incremental progress in risk reduction. In conjunction with IBM Proventia Management SiteProtector™ system and IBM Internet Security Systems™ X-Force®, Enterprise Scanner uses the Common Vulnerability Scoring System (CVSS)—an industry standard for assessing the severity of security vulnerabilities—enabling you to understand your critical vulnerabilities and how to prioritize remediation tactics.

#### **Enhancing execution of vulnerability management tasks by automating scanning**

Lack of network bandwidth for critical assets can severely impact business performance. You need to free up resources for critical business applications by controlling the bandwidth used by a scanner or a group of scanners. Enterprise Scanner enables you to set limits on the amount of bandwidth each

scan requires and allows you to prioritize scans to meet your business needs and rules. Plus, using automatic pause and resume features during identified scan windows can help eliminate manual steps and speed up the vulnerability assessment process. Asset classification, auto-grouping, scan prioritization and automated updates help reduce the workload of your IT resources, allowing you to focus on strategic security and network initiatives.

#### **Leveraging existing business systems and IT investments**

Organizations have multiple network segments that need to be scanned regularly. You need to lower the cost of ownership for vulnerability management by integrating it with your existing processes and applications and controlling hardware costs. The five ports on the Enterprise Scanner ES1500 allow you to use a scanning appliance to scan multiple segments leading to a reduction in total costs. Automatic load balancing improves scalability and performance and a task-oriented Graphic User Interface (GUI) facilitates faster and easier changes to meet your business needs, helping to reduce operational costs. Enterprise Scanner provides seamless integration with

Microsoft® Active Directory®, allowing you to import your Active Directory structure on a recurring basis and use its categorization and grouping as a basis for your scanning system. Plus, Enterprise Scanner can also be integrated with other asset management databases and workflow systems, allowing you to better leverage your IT investment.

#### **Why IBM?**

IBM Proventia Enterprise Network Scanner (Enterprise Scanner) is powered by a vulnerability database from IBM's award-winning Internet Security Services (ISS) X-Force research and development team. IBM ISS is one of the only companies that can safeguard your corporate information by identifying vulnerabilities on your systems and blocking them from attack—without compromising the integrity of your network. We provide flexible deployment options and high performance and scalability for large distributed enterprises. Plus, Enterprise Scanner provides seamless integration with the IBM ISS Proventia product suite allowing for extensive scanning, protection, network monitoring and a wide range of reporting.

Requirements		
<b>Hardware Specifications</b>		
<b>Model</b>	<b>Enterprise Scanner 1500</b>	<b>Enterprise Scanner 750</b>
<b>Physical Characteristics</b>		
Form Factor	1-RU	Desktop
D x W x H	429 mm D x 382 mm W x 44 mm H 16.9" D x 15.0" W x 1.73" H	177 mm D x 250 mm W x 39 mm H 6.9" D x 9.8" W x 1.5" H
Weight	Gross 11.1 kg (24.47 lb) Net: 6.5 kg (14.33 lb)	1.2 kg (2.6 lb)
Emissions	FCC Class A	FCC Class A
Certifications	CE/FCC/UL/cUL	CE/FCC/UL/cUL
<b>Power</b>		
Power supply unit	Full-range 250-watt PSU auto-switching	65-watt PSU, 100 – 240 volts AC, 47 – 63Hz
<b>Operating Environment</b>		
Temperature	Temp: 5°C – 35°C (41°F – 95°F) for P4 3.0 – 3.4 GHz processors	Temp: 0°C – 40°C (32°F – 104°F)
Humidity	20% – 90% relative	20% – 90% relative
<b>Storage Environment</b>		
Temperature	-20°C – 70°C (-4°F – 158°F)	-20°C – 70°C (-4°F – 158°F)
<b>Ports</b>		
Scan ports	Five 32-bit gigabit PCI-Express Ethernet ports	One 10/100/1,000 PCI Ethernet port
Management	One 32-bit gigabit Ethernet port	One 32-bit gigabit Ethernet port
Console	Serial port one – front-accessible RJ-45 connector	Serial port one – front-accessible RJ-45 connector
USB	Two USB 2.0/front accessible	Two USB 2.0/rear accessible
<b>Front Panel</b>		
LCD display	LCD panel 2 x 16 characters LCD module with four buttons (reserved for future use)	N/A

Discovery performance specifications		
	<b>Enterprise Scanner 1500</b>	<b>Enterprise Scanner 750</b>
<b>Discovery</b>	13,000 – 24,000 IPs per hour	11,000 – 23,000 IPs per hour

Performance figures based on Firmware 2.1 with XPU 1.40 default policies on several different sized networks. Discovery speeds can be 2x to 3x faster on much smaller networks (50-500 hosts) due to the low number of time-outs.

Scan team performance gains		
Scan team	Percent reduction from base	
	Discovery	Assessment
One scanner	0 percent	0 percent
Two scanners	45 percent	45 percent
Three scanners	60 percent	60 percent
Four scanners	70 percent	70 percent
Five scanners	75 percent	75 percent
Six scanners	80 percent	80 percent



**For more information**

To learn more about IBM Proventia Network Enterprise Scanner, please contact your IBM representative or IBM Business Partner, or visit the following Web site:

[ibm.com/services/iss](http://ibm.com/services/iss)

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