



Unified threat management and preemptive protection with IBM Proventia Network Multi-Function Security.

Making comprehensive, preemptive protection simple and affordable

IBM Proventia® Network Multi-Function Security (Proventia Network MFS) from IBM Internet Security Systems (ISS) offers a range of strong, economical devices that stop Internet threats before they penetrate your network and disrupt your business.

The IBM Proventia product family offers preemptive protection for the IT infrastructure with appliances designed to stop network attacks, and security software that helps to protect serv-

ers and desktops from Internet threats. IBM ISS rounds out its product offerings with security consulting and managed services.

Proventia Network MFS combines industry-leading intrusion prevention technology from IBM ISS with firewall, anti-virus tools, Web filtering and anti-spam technology in a single appliance. It provides protection at the gateway and network levels without jeopardizing network bandwidth or availability, and combats a variety of threats at once—such as unauthorized access, network attacks, malicious code, blended threats, content-based attacks, spyware and phishing.

Why multi-function security?

Firewalls and anti-virus tools are not enough.

Blended threats and sophisticated hackers bypass and thwart these conventional defenses, disrupting your business.

Multiple stand-alone solutions are difficult and expensive to manage.

A stand-alone solution to cover every type of threat creates an expensive and ineffective approach when these defenses do not work in concert.

Why Proventia?

Best-of-breed security modules are truly integrated—not just bundled open source.

Each of the security layers—firewall/VPN, anti-virus protection, Web filtering, anti-spam and application protection—found in Proventia Network MFS are competitive as stand-alone products. These modules are carefully integrated into Proventia Network MFS to provide a high-performing, easy-to-configure and easy-to-use unified threat management appliance.

It includes preemptive protection—to stop threats before impact.

With intrusion prevention technology pioneered by IBM ISS, Proventia moves you beyond reactive protection to preemptive protection.

It's driven by superior technology.

Proventia is powered by the IBM Internet Security Systems X-Force® research and development team—one of the world's only security teams to combine vulnerability research with traditional attack research. The X-Force team's expertise empowers Proventia Network MFS to promptly block over 1,000 types of attacks.

It is the foundation for the industry's leading protection warranty.

When combined with IBM Managed Protection Services, this preemptive protection even comes with a protection "guarantee"*—the industry's leading performance-based service level agreement (SLA) with a cash-back payment of US\$50,000 for any security breach resulting from a successful attack listed on the IBM ISS X-Force Certified Attack List.

It provides among the best price/performance ratios on the market.

Proventia Network MFS provides a high level of protection from Internet threats at one of the best price/performance ratios available.

It's a welcome solution for the distributed enterprise.

The appliance enables you to extend reliable preemptive protection to small businesses and remote offices where IT resources are minimal.

It delivers business continuity and a lower total cost of ownership.

You gain premium-class protection while maintaining system and network integrity, lowered costs by streamlining IT operations, plus a simplified security solution that helps mitigate the need for specialized in-house security resources.

Unifying one of the world's best security technologies

Unified on a firewall/VPN platform, complete with anti-virus protection, Web filtering, anti-spam and application protection, Proventia Network MFS coalesces strong security solutions found in complex networks into a single small-form appliance "all-in-one" solution:

IBM Proventia Intrusion Prevention—IBM ISS is one of the leaders in intrusion prevention. Proventia Network MFS offers you the caliber of protection once reserved for governments and Fortune 500 companies.

IBM Virtual Patch® Technology—Virtual Patch technology allows you to regain control over ad hoc/emergency patching by shielding vulnerabilities at the network level.

IBM Proventia Firewall—The firewall is ICSA-certified and provides the functionality needed in your enterprise environment, including allow/deny rules by address/port, named lists of objects and complete connectivity.

IBM Proventia Signature Anti-Virus—With 100 percent coverage of the Wildlist,¹ the gateway anti-virus solution analyzes files from Web sites and Web mail, download sites and e-mail—in real time. It offers security that stops viruses even if desktop protection is disabled/out of date.

IBM Proventia Behavioral Anti-Virus—The IBM ISS patented** Virus Prevention System (VPS) detects and blocks bad files, including spyware, unknown viruses and unknown worms, without signature updates. Using a behavioral recognition system, VPS analyzes the activities of an executable file to detect whole families of malicious code. VPS has the ability to block more than 93 percent of malicious files without a virus signature update.

IBM Proventia Web Filtering—With more than 70 million catalogued Web sites, the Proventia Web filter database is exponentially larger than most other databases. It is constantly updated to remain current, with 100,000 new/updated Web pages added daily.

IBM Proventia Anti-Spam—This powerful technology incorporates ten methods of detection, is 95 percent effective in detecting spam with 1/10,000 false positives, and provides spam database updates every four hours—checking messages against a spam database and defined text categories, and comparing URLs in e-mail messages to the massive Web filter database.

Module	Protection Delivered
Intrusion Prevention	1000+ Vulnerability blocks protecting against 2500 different attacks
Signature Anti-virus	120K known viruses protected by Sophos
Behavioral Anti-virus	93%+ of unknown or 0-day viruses blocked
Anti-spam	95% of spam blocked
Web Filtering	60 million URLs categorized

Preemptive protection—tailored to your requirements

Proventia Network MFS appliances are rated for different numbers of users, with models for large enterprise deployments as well as small office/home office (SOHO) or remote office/branch office (ROBO) environments. Multiple appliances can be managed centrally by the IBM Proventia Management SiteProtector™ system.

- IBM Proventia Network MFS MX1004: for up to 100 users
- IBM Proventia Network MFS MX3006: for up to 500 users
- IBM Proventia Network MFS MX5010: for up to 2,500 users

For more information

Learn how Proventia Network MFS can protect your business from Internet threats and simplify your security management. For an onsite demonstration, contact the IBM ISS office nearest you. For more product information and office locations, visit:

ibm.com/services/us/iss



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All performance data contained in this publication was obtained in the specific operating environment and under the conditions described above and is presented as an illustration. Performance obtained in other operating environments may vary and customers should conduct their own testing.

* Money-back payment (for Managed Protection Services—Premium Level only): If IBM Internet Security Systems fails to meet the Security Incidents Prevention Guarantee, client shall be paid US\$50,000 for each instance this guarantee has not been met. Please see IBM Internet Security Systems SLAs for more details.

** www.wildlist.org