



Protect what you value.

McAfee Content Security Blade Server

McAfee® Content Security Blade Server for the web is a next-generation solution for web security that provides large enterprises with a unique combination of ultra-high performance, world-class content filtering accuracy, and broad coverage of all major web protocols. Based on the inherent power, efficiency, and scalability of a blade-server architecture, the McAfee Content Security Blade Server can deliver hundreds of thousands of dollars of annual savings in licensing fees and operational costs—with one environmentally friendly box, one console, and zero downtime.

KEY ADVANTAGES

Confidential data protection

- Detect and block spyware, inappropriate web content, phishing, viruses, worms, Trojans, and other malware threats from entering your network
- Decrease your risk of data theft

Business continuity

- Defend against web-borne threats, including zero-day attacks
- Keep your systems as well as your business up and running

Increased user productivity

- Prevent wasteful and inappropriate web surfing
- Conserve precious network bandwidth

Are You Experiencing Appliance Fatigue?

As your volume of Internet traffic continues to increase year after year, so do the number and complexity of web-borne threats. Spyware, inappropriate web content, phishing, viruses, worms, Trojans, and more endanger the security of your network, the productivity of your workforce, and the very profitability of your company. Challenged to maintain sufficient scanning capacity and bandwidth, your only solution until now has been to acquire and deploy an ever-increasing amount of security equipment to solve each new problem. As the equipment has stacked up over the years, such “solutions” have become a management nightmare for IT staff and have put a strain on data center resources with incremental power, space, and cooling requirements. You’re left with more boxes, more vendors, more management consoles, higher costs—and appliance fatigue.

McAfee Cures Appliance Fatigue

McAfee has a radical new solution for the web security problem. The McAfee Content Security Blade Server has been designed from the ground up to provide large organizations with a simple, elegant, high-performance, and cost-effective solution. We’ve taken the most economical approach to infrastructure hardware—blade servers—and designed an intelligent, integrated security delivery system that takes advantage of the blade server’s inherent capabilities:

- **Performance**—Up to 50,000 simultaneous users can be supported by a single McAfee Content Security Blade Server, delivering the high performance you need today and tomorrow.
- **Accuracy**—McAfee Content Security Blade Server is able to block spyware before it even enters the network, buffering endpoints from becoming infected and increasing overall computing infrastructure security. In addition, world-class URL filtering can improve employee productivity by controlling access to inappropriate web sites.
- **Operational efficiency**—McAfee Content Security Blade Server is the most efficient, most economical content security solution available today:
 - Don’t worry about deploying additional hardware for load balancing or failover. It’s not required.
 - Go green and save on power requirements. Third-party testing has shown that blade servers are more efficient with an average 25 percent savings over traditional solutions for power, cooling, and rack space.
 - Decrease your IT staff workload by replacing multiple point-product appliances with one platform and one management console.
 - Reduce your product acquisition and recurring maintenance costs by hundreds of thousands of dollars annually. McAfee offers a flat-rate pricing model with no per-user fees.

KEY ADVANTAGES (continued)

Cost savings

- Reduce product acquisition, license, and support fees by hundreds of thousands of dollars annually
- Lower data center costs for power, space, and cooling
- Reduce help desk burdens and clean-up costs by preventing spyware infections in the first place
- Reduce long-term capital costs

Extreme extensibility

- Turn on the functionality you need, when you need it: web, email, regulatory compliance, and more
- Start with one application, and then add more as you need them

Web Threat Protection

McAfee Content Security Blade Server leverages award-winning McAfee anti-spyware technology to quickly detect, proactively block, and safely eliminate potentially unwanted programs (PUPs) before they enter your network. Independent tests demonstrate that McAfee blocks PUPs more effectively than any other product on the market.

- Detect and clean viruses and other malware threats—blocking both known and unknown viruses
- Reduce your window of vulnerability for new malware from hours or days down to minutes—and protect your organization against zero-day attacks

Web Access Control

With McAfee's award-winning URL filtering add-on, McAfee Content Security Blade Server blocks web pages that are unrelated to your business, preserving bandwidth, reducing business risk and legal liability, and improving employee productivity. Built-in McAfee SiteAdvisor® guards against theft of sensitive personal information and other confidential company information. It monitors, warns, and proactively stops users from visiting web sites that harbor spyware, phishing scams, and spamming agents.

Comprehensive, Easy-to-Use Management

Management is simple and flexible. Regardless of how many blades you have installed, they are all managed as a single device. The web-based management console runs without Java and allows you to:

- Easily make changes to security policies and system configuration
- Monitor system effectiveness and run scheduled or ad hoc reports
- View consolidated summaries of events and system health
- Effectively plan capacity based on comprehensive utilization metrics
- Update the system with virus definitions (DATs), engines, patches, and more

In addition, you are able to increase security and management control by delegating separate administration functions to different people within your organization. Create custom administrative roles or use one of the four pre-defined roles provided out of the box:

- Super-admin
- Web-only admin
- Email-only admin
- Report admin

KEY FEATURES

URL filtering

- Block web pages unrelated to your business
- Preserve bandwidth
- Reduce business risk and legal liability
- Improve employee productivity

Advanced anti-spyware technology

- Identify and block threats before they enter your network through the web
- Block spyware, adware, dialers, keyloggers, and backdoors

Broad virus protection

- Defend against both known and unknown viruses
- Protect web traffic using HTTP, FTP, and ICAP protocols

Reliability and Scalability

McAfee Content Security Blade Server delivers the high reliability and availability that you need:

- Redundant fans, power supplies, and management blades plus automatic failover with no downtime
- The system automatically responds to fluctuating traffic demands and system status
- All parts are hot-swappable
- RAID-1 configuration of all hard disks protects configuration data
- Increase scanning capacity in just minutes by simply adding additional scanning blades which are automatically brought online with no disruption to service
- Take advantage of support for IPv6 to more easily manage node addresses in very large environments and avoid the need to create complex network segmentation schemes

Unmatched Extensibility

McAfee Content Security Blade Server is the first fully extensible content security platform designed for the large enterprise. Turn on what you need, when you need it:

- Web security
- Safe surfing
- URL filtering
- Email security
- Anti-spam
- Email content filtering
- Regulatory compliance

Start with one application, and then add more as you need them. All the applications above can be deployed in one blade system. As a result, you have fewer vendors to manage, nothing new to purchase, and decreased IT staff workload.

KEY FEATURES (continued)

Highest throughput, scalability, and reliability

- Support up to 50,000 simultaneous users
- Filter web traffic at rates up to 1 GB per second
- Built-in workload balancing requires no configuration and make multiple scanning blades operate as if they were a single unit
- Increase capacity as needed with no downtime with hot-swappable blades
- Simplify node address management in very large environments with support for IPv6
- Ensure redundant power supplies and automatic failover

Comprehensive management

- Use the built-in browser-based system for management tasks (runs without Java)
- Generate detailed reports to further enhance control and manageability
- Delegate responsibilities to various people within your organization according to their job roles

System Specifications

Number of scanning blades	Up to 14
Number of management blades	2
Blade configuration	
CPU	2x Intel x5440 quad core
RAM	8 GB
Hard disk	2x 146 GB SAS RAID-1
Cooling	Built-in redundant fans
Connectivity	
	Fiber Gigabit Ethernet
	RJ-45 10/100/1000 copper Ethernet
Power	
	Redundant power supplies (See table below for power cords.)
Power options	
	Single-phase worldwide —IEC-320 C19-C20
	Three-phase North America/Japan —NEMA L15-30p
	Three-phase international —IEC-309 200/346-V
Product dimensions	
	Height —442 mm (17.4 in.)
	Depth —813 mm (32 in.)
	Width —445 mm (17.5 in.)
Shipping dimensions	
	Height —759 mm (29.88 in.)
	Depth —1,013 mm (39.88 in.)
	Width —607 mm (23.88 in.)
Weight unboxed	
	Single-phase chassis —54.9 kg (121 lbs.)
	Three-phase chassis —68 kg (150 lbs.)
Maximum enclosure weight (all bays populated with scanning blades)	
	Unboxed —204 kg (450 lbs.)
	Shipping —223.6 kg (493 lbs.)
Shipping weight	
	Single-phase —74.4 kg (164 lbs.)
	Three-phase —87.5 kg (193 lbs.)



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