



Protect what you value.

# McAfee Content Security Blade Server

McAfee® Content Security Blade Server is a next-generation solution for content security that provides large organizations with breakthrough levels of performance, filtering accuracy, and cost savings. Based on the inherent power, efficiency, and scalability of a blade server design, 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

### Email threat protection

- Award-winning email threat protection
- Detect and block spam, phishing, spyware, and viruses from your network

### Content filtering

- Protect sensitive data from leaving your company
- Comply with email privacy regulations such as the Health Insurance Portability and Accountability Act (HIPAA), the Sarbanes-Oxley Act (SOX), the European Union (EU) Directive, etc.

### Cost savings

- Reduce product acquisition, license, and support fees
- Reduce data center costs for cooling, space, power
- Reduce long-term capital costs

### Highest throughput, scalability, and reliability

- Delivers 400,000 to 5,000,000 messages per hour
- Increase capacity as needed with no downtime with hot-swappable blades
- Redundant power supplies and automatic failover

## Are You Experiencing Appliance Fatigue?

Year after year, the volume of spam that you are getting increases. Until now, the only solution has been to acquire more hardware as a way to deal with the problem. For many large enterprises, this “solution” has become a management headache for IT staff. New hardware acquisitions also strain data center resources with incremental power, space, and cooling requirements. As new security challenges arise (for example, new data privacy requirements), the cycle starts again. New equipment from new vendors must be purchased and deployed. Add it all up—more boxes, more vendors, more management consoles, and higher costs—and you get appliance fatigue.

## McAfee Cures Appliance Fatigue

McAfee has a radical new solution for the email security problem. The McAfee Content Security Blade Server has been designed from the ground up to provide large enterprises 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. It's a complete solution in one box.

- **Performance**—Up to 5,000,000 messages per hour can be scanned through a single McAfee Content Security Blade Server, delivering the high performance you need today and in the future. Regardless of your current performance requirements, that translates into fewer management headaches and guaranteed availability to handle periods of peak message traffic.
- **Accuracy**—Third-party tests have demonstrated that McAfee blocks spam with greater than 98 percent accuracy. And of course, McAfee's legendary anti-malware scanning engine is included.
- **Operational efficiency**—McAfee Content Security Blade Server is the most efficient, most economical content security solution available today. Why is the Content Security Blade Server so cost-effective?
  - No additional hardware for load balancing or failover 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
  - Reduce 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; we offer a flat-rate pricing model (no per-user fees)

## KEY FEATURES

### Proven anti-spam technology

- Detect and block more than 98 percent of spam, including the latest image, PDF, and MP3 spam attacks, with no critical false positives (as measured by third-party tests)
- Streaming updates every two to three minutes quickly shut down new forms of spam
- Anti-spam effectiveness is achieved through a combination of technologies including:
  - IP reputation filtering
  - Domain-name reputation scoring
  - Heuristic detection
  - Content filtering
  - Sender authentication based on the Sender Policy Framework (SPF) and DomainKeys Identified Mail (DKIM) standards
  - Greylisting, which tracks and allows mail from known legitimate senders to pass while temporarily rejecting unknown senders

### Email Threat Protection

McAfee Content Security Blade Server uses McAfee's award-winning anti-spam technologies to detect and block spam, phishing, and zero-day attacks. Tests by independent test labs demonstrate that McAfee consistently blocks over 98 percent of spam, including hard-to-detect image spam, thanks to its powerful combination of detection technologies and streaming updates.

- Detect and clean viruses and other malware threats—block both known and unknown viruses and spyware before they can enter the network or can affect endpoints
- Use true file types to scan every attachment to keep your users safe
- Protect your entire messaging infrastructure against directory harvest and other forms of attacks
- Reduce the window of vulnerability for new malware from hours or days down to minutes

### Security Policies that Fit

Configure Active Directory or Lightweight Directory Access Protocol (LDAP)-based security policies to meet the needs of different groups in your organization.

### Powerful Email Quarantine

McAfee Quarantine Manager provides easy, centralized management of spam and other forms of quarantined email. Users receive daily summaries of quarantined messages, and users can release messages as needed. With a Microsoft Outlook plug-in, users configure their own *block* and *allow* lists.

### Advanced Content Filtering

Control sensitive data in order to comply with email privacy regulations and corporate governance demands. Administrators can:

- Build custom content filtering policies or utilize the built-in lexicons for email privacy regulations, objectionable content, and intellectual property
- Scan keywords and regular expressions inside messages and attachment
- Set up filters based on file type or message size

### Easy to Manage

Management is simple and flexible. Regardless of how many scanning blades you have installed, they are all managed as if you deployed only one device. A single web-based management console allows you to:

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

### Reliability

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 protect configuration and message queue data
- Increase capacity in minutes by simply adding additional scanning blades with no downtime

### Email privacy regulatory compliance

- Use predefined dictionaries (English only) and heuristics to automatically scan email for financial and private information as defined by:
  - HIPAA
  - Gramm-Leach-Bliley Act (GLBA)
  - SOX, EuroSOX, JSOX
  - Basel II
  - Australian Government Information and Communications Technology Security (ACS133)
  - Payment Card Industry (PCI) regulations
- Block, monitor, or encrypt messages to ensure compliance based on policy
- Scan more than 300 different true file types

### System Specifications

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



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