

# McAfee Content Security Blade Server

McAfee® Content Security Blade Server gives large enterprises, carriers, and service providers the functionality, scalability, and performance they need to enable safe employee access to Web 2.0 applications and email while blocking spam and maintaining complete control of security.

The addition of McAfee Web Gateway software, the number one anti-malware solution, to McAfee Content Security Blade Server brings a new level of protection, performance, and enterprise-class manageability to this highly scalable blade server platform.

## Key Features and Benefits

- Unmatched security
- Ultra-high performance
- Scalability and reliability
- Management flexibility
- Operational efficiency and reduced costs

## Secure your web traffic with the market leaders:

### McAfee Web Gateway

- Leader in Forrester Wave: Web Filtering 2009
- Leader in Gartner Magic Quadrant: Web Gateway two years running
- Number one rated anti-malware solution on the market (AV-Test.org)
- Number one web gateway appliance market share (IDC) two years in a row
- Radicati Top Player

### HP Blade Server:

- Leader in Forrester Wave: Blade Server Systems 2009

## McAfee Content Security Blade Server web functionality includes:

- Proxy
- Cache
- Category and reputation-based web filtering
- Anti-malware
- Anti-virus
- Anti-spyware
- SSL scanning
- Data loss protection
- Comprehensive reporting
- McAfee ePO support

## Blade Server Architecture: A Smart Choice

Using award-winning McAfee security technology on the HP BladeSystem infrastructure, McAfee Content Security Blade Server has been designed from the ground up to provide large organizations with a high-performance, cost-effective, and secure solution. We've taken the most economical approach to infrastructure hardware—blade servers—and created an intelligent, integrated web and email security delivery system that takes advantage of the blade server's inherent capabilities.

McAfee Content Security Blade Server combines numerous web and email protections and access control features that would otherwise require multiple stand-alone products. With McAfee Content Security Blade Server, you can protect either mail or web infrastructure separately or take full advantage of the system's flexibility and cover both with a single system. Combining functionality this way streamlines management and ensures secure policy enforcement without gaps.

## Operational Efficiency and Reduced Cost

- Simplify complex, multi-appliance, or server deployments and ongoing maintenance with a single enclosure that integrates server, storage, networking, and power management into a single solution that can be managed as a unified environment.
- Don't worry about deploying additional hardware for load balancing or failover. It's not required since the blade chassis incorporates wire speed load balancing for traffic distribution and fault tolerance.

- Go green: Use up to 40 percent less power and 40 percent less space when compared to equivalent 1U rack-mounted servers.

## Scalability and Reliability

- Redundant fans, power supplies, and management blades allow automatic failover with no downtime.
- The system automatically responds to fluctuating traffic demands and system status.
- RAID-1 configuration of all hard disks protects configuration data.
- Scanning capacity can be increased in minutes by simply adding scanning blades which are automatically brought online with no disruption to service.
- All parts are hot-swappable.

## Unmatched Security

### Web threat protection

McAfee Content Security Blade Server provides the protection that organizations need to safely take advantage of Web 2.0. Now with the industry's best anti-malware protection, McAfee Content Security Blade Server uses next-generation proactive intent analysis to filter out objectionable content from web traffic in real time, providing the best defense against both known and unknown threats.

McAfee Content Security Blade Server now takes advanced web security to a new level with:

- Enhanced real-time behavioral detection of Web 2.0 malicious mobile code

#### Proven anti-spam technology

Detect and block more than 99 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 that include

- 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

#### Meeting the enterprise needs, both large and small

McAfee offers both the M3-class and M7-class blade enclosures (also known as the c3000 and c7000).

The smaller M3-class, or “shorty,” with eight-blade capacity, extends the benefits of the blade architecture to a broader range of enterprises and data centers large and small. The M7 enclosure, with 16-blade capacity, continues to be the ideal enclosure for larger data centers.

- Advanced zero-day and targeted attack exploit detection without a signature, regardless of media or content type
- True context-based threat detection

McAfee Content Security Blade Server combines this powerful real-time protection at the gateway with McAfee Global Threat Intelligence. McAfee Global Threat Intelligence creates a profile view of all Internet entities—websites, email, and IP addresses—and assigns a reputation score based on the security risk posed by these entities. McAfee reputation-based filtering, built into the McAfee Content Security Blade Server, then uses the profile view of Internet entities to filter content based on the reputation of the source. With these capabilities, McAfee Content Security Blade Server enables administrators to apply very granular rules about what to permit or deny.

#### 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 99 percent of spam, thanks to its powerful combination of detection technologies and streaming updates. McAfee Content Security Blade Server helps you:

- Block viruses and malware threats before they enter the network or impact endpoints
- Protect sensitive data from leaving the company
- Comply with email privacy regulations

#### Advanced Content Filtering

McAfee Content Security Blade Server enables you to control sensitive data in order to comply with email privacy regulations and corporate governance demands. Administrators can:

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

To secure outbound traffic, McAfee Content Security Blade Server scans user-generated content on all key web protocols—including HTTP, HTTPS, and FTP—and protects against loss of confidential information and other threats leaking from the organization through blogs, wikis, and even online productivity tools such as organizers and calendars.

#### Management Flexibility

Service providers often have a unique set of requirements since they need to serve multiple customers, ideally from a single platform. McAfee Content Security Blade Server gives organizations the ability to:

- Differentiate each customer’s unique policy requirements on the platform while ensuring privacy for each instance
- Delegate administration; different roles can be set for each administrator
- Manage logs to ensure that each customer can track activity and utilize reporting

#### Security Risk Management and Reporting

You can increase security risk management capabilities and reach by viewing McAfee Content Security Blade Server information in McAfee ePolicy Orchestrator® (ePO™) dashboards, receiving actionable reports, viewing system information, and more. The McAfee ePO centralized console manages security beyond the endpoint to include data, networks, and now McAfee Content Security Blade Server. As the single source for consolidated information, ePO helps you quickly identify and mitigate problems and improve compliance management.

And you can get additional reporting capabilities through McAfee Web Reporter. Get the instant information you need to understand how your organization is using the web, comply with regulations, identify trends, isolate problems, document inappropriate web activity, and tailor your filtering settings to enforce your web usage policies. This comprehensive reporting solution combines real-time views into today’s web traffic with powerful offline processing—everything you need in one easy-to-use solution.

