

McAfee and Crossbeam Team Up to Secure the World's Most Demanding Networks

The industry's most secure firewall is now one of the fastest!

Carriers and large enterprises alike require high-availability security solutions to protect against today's sophisticated security threats. McAfee Firewall Enterprise for Crossbeam offers a proven solution of carrier-grade security, scalability, and availability that also reduces the cost and complexity of security infrastructures.

Social networking, Web 2.0 applications, virtualization, cloud computing, the consumerization of IT, and other web-based technologies are rapidly becoming part of the enterprise IT landscape. And while these trends and technologies enhance user and business productivity, they also significantly increase organizational risk.

Large enterprises and carriers, in particular, need high-performance, always-available security solutions to secure their networks against today's web-based threats. Protecting these networks requires integrated network intrusion prevention, application awareness, and other best-in-class network security capabilities that can address the dynamic nature of web-based communications. A viable solution must also be readily manageable and easily scalable to handle unprecedented growth.

McAfee and Crossbeam Set a New Standard

McAfee and Crossbeam Systems, Inc. have partnered to deliver firewall capabilities on a platform that's shown to perform within high-availability networks. The combined solution, called McAfee Firewall Enterprise for Crossbeam, features the McAfee next-generation firewall on the industry-proven Crossbeam X-Series security platform. The X-Series security platform offers an open, high-performance architecture that easily provisions and scales multiple best-in-class security applications to meet the evolving threat landscape.

McAfee Firewall Enterprise for Crossbeam delivers carrier-class security performance with speeds up to 40 Gbps of inspected traffic throughput as well as scalability and built-in redundancy. It's designed to meet the growing demand for high-availability security against web threats while reducing the cost and complexity of security infrastructures.

This is the first time a next-generation firewall has been offered on a carrier-grade platform as a fully integrated solution. As such, it sets a new standard for enterprise and service-level performance, security, and reliability.

Simplify Data Center Deployments and Reduce TCO

By incorporating the X-Series security platform, the McAfee Firewall Enterprise for Crossbeam solution allows enterprises like yours to create next-generation data centers and private clouds that can consolidate multiple security appliances and related network infrastructure by a ratio of up to 50 to 1.

Consolidating networking equipment and security appliances onto a single high-performance platform simplifies your IT infrastructure. The joint solution delivers load balancing, switching, routing, management, and next-generation firewall capabilities all in one chassis. With a consolidated and easy-to-scale network security platform, you save on capital expenses. You also reduce your operational expenses through reduced space, power, cooling, and maintenance requirements. In fact, with McAfee

Key Points

- Proven technology deployed in the largest service providers and enterprise data centers around the world
- Gain carrier-class performance, scalability, and availability—and improve your overall security posture
- Simplify data center deployments and lower TCO with a security consolidation ratio of up to 50 to 1
- Protect your networks and enable your business with the industry's most secure firewall

"The Crossbeam-McAfee partnership will improve options for customers at the high end of the market who are looking for high-performance, manageable security solutions that can scale with their networks."

—Christian Christiansen
Program Vice President,
Security Products and Services, IDC

Solution Brief McAfee and Crossbeam Team Up to Secure the World's Most Demanding Networks

Firewall Enterprise for Crossbeam, you can slash your total cost of ownership by as much as 70 percent when compared to other options on the market today.

Gain Carrier-class Performance, Scalability, and Availability

On top of substantial cost savings, the McAfee Firewall Enterprise for Crossbeam solution improves your overall security posture. It automatically distributes and load-balances network traffic across multiple firewalls, providing system scalability, self-healing, and redundancy to eliminate any single point of failure.

The McAfee Firewall Enterprise for Crossbeam solution also allows you to quickly scale your performance up to 40 Gbps of inspected traffic throughput, simply by adding hot-swappable firewall modules. The design of these modules enables you to add, change, and move firewalls without ever touching or reconfiguring your other physical network infrastructure.

Enjoy the Performance of a Next-generation Firewall

Older conventional firewalls were limited to access control and segmentation. Adequate protection required the expense of implementing and maintaining several separate products.

Powering the McAfee Firewall Enterprise for Crossbeam solution is the McAfee next-generation firewall. In a single software image for Crossbeam, McAfee Firewall Enterprise provides unprecedented visibility into both external and internal threats and vulnerabilities. As a result, you can safely support the rapid growth of web-based applications in your network—with confidence and compliance—while protecting your digital assets more efficiently.

Version 8 of McAfee Firewall Enterprise delivers three innovations to improve network security while reducing effort and expense:

- Full application visibility and control
- Reputation-aware threat intelligence
- Multi-vector attack protection

McAfee Firewall Enterprise also features:

- McAfee AppPrism™ service for full application discovery and control
- Intrusion prevention
- McAfee Global Threat Intelligence™ web reputation analysis
- URL filtering with McAfee SmartFilter® technology
- Encrypted application filtering
- Anti-virus, anti-spyware, and anti-spam

Finally, fine-grained controls allow comprehensive policy enforcement based on today's business needs. Instead of policies matched just to IP address, port, or protocol, you can now create policies that examine a user's name, the group they belong to, the application they're trying to use, and the calculated risk of that application. You can also apply granular protection on a per-rule basis, including anti-virus, intrusion prevention, and web filtering.

To Learn More

For additional information, please visit www.mcafee.com/crossbeam.

Top Organizations Trust McAfee Firewall Enterprise

McAfee Firewall Enterprise today protects more than 15,000 networks around the world, including ultra-secure government agencies and seven of the top 10 financial institutions.

Features and Benefits of McAfee Firewall Enterprise

McAfee Firewall Enterprise solution empowers you to:

- Gain visibility and fine-grain control over applications, users, and threats
- Mitigate errors by building policies via a single console that "speaks" the language of business
- Achieve proactive protection with the industry's best IPS, AV, web filtering, and reputation solutions, which are built into the firewall
- Inspect encrypted traffic to eliminate a major threat vector, including SSH
- Prevent port-agile exploits from entering your network



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