

McAfee Firewall Enterprise Control Center

For Centralized Firewall Management

McAfee® Firewall Enterprise Control Center (*CommandCenter™*) provides a central interface for simplifying the management of multiple McAfee Firewall Enterprise (*Sidewinder®*) appliances. Whether you have 10 firewall appliances or hundreds, a single Control Center appliance empowers you to maximize operational efficiency, simplify policy control, and demonstrate regulatory compliance—while driving down management costs.



McAfee Firewall Enterprise Control Center Alleviates Cumbersome Configurations

- Define packet filtering and application-layer gateway rules quickly and efficiently in a graphical, object-based environment
- Use wizards to reduce the size and complexity of your rule base and simplify common tasks like VPN deployments
- Receive, consolidate, and display alerts from managed firewalls through a secure channel
- Validate consistency of policies prior to distribution
- Import firewall configurations, make changes, and then export back to all devices, saving significant time and money
- Backup and restore firewall configurations to recover from configuration errors, or replicate a trusted configuration on a new system quickly and easily
- Control individual or groups of firewalls by re-initializing the network or rebooting
- Track all user actions in a session by associating them with a change ticket. Support audit and regulatory compliance by viewing all changes in the audit trail using the ticket number
- Automatically update all firewalls with the latest software releases and patches

Centralize Your Control

Traditionally, managing multiple firewalls meant touching each one to configure security policies, install updates, generate reports, and monitor performance. If you have any sizeable number of firewalls, it seems that you have just finished maintaining the last one when the first one needs attention again. Suddenly, you're caught in a never-ending cycle of firewall maintenance. Did you say that you have other job responsibilities? Put on a pot of coffee—it's going to be another late night.

To meet these challenges, you need an enterprise-class central management solution that helps you implement security policies—and policy changes—quickly, easily, and accurately across your entire security infrastructure. You need a robust and fault-tolerant solution that lets you monitor compliance across hundreds of devices at once, and stop attacks before they compromise your network. You need the McAfee Firewall Enterprise Control Center management solution.

Control Center comprises four fully integrated policy management tools for managing your entire enterprise network—from the edge to the core.

- Configuration Tool enables powerful yet easy rule creation, validation, and distribution. Optimize your rule set with wizards to merge similar rules and delete duplicate rules.
- Administration Tool provides role-based administrative access and the ability to limit and separate responsibilities
- Software Update Tool ensures that the latest software and patches are installed across your entire infrastructure
- Reporting and Monitoring Tool generates firewall activity and audit reports

Configuration Tool: Manage Complex, Dynamic Security Policies across Multiple Firewalls

An enterprise security policy may require hundreds of rules deployed across a fleet of firewalls. You need an efficient way to compare your security policy to your actual security implementation. With Control Center, you can selectively view the rules for a particular firewall, firewall group, or the entire organization, and then easily modify those rules.

The Configuration Tool provides an efficient and intuitive graphical user environment. Administrators implement security policies by defining intelligent objects once and then reusing them whenever and wherever they're needed. McAfee Firewall Enterprise Control Center supports many types of objects, including firewalls and firewall groups, hosts, networks, address ranges, endpoint groups, and services, including geo-location objects.

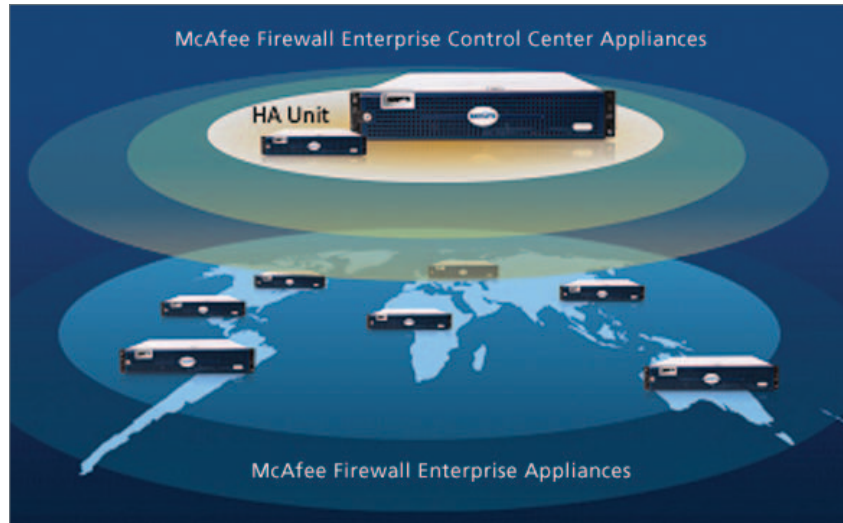
Solution Brief McAfee Firewall Enterprise Control Center For Centralized Firewall Management

According to IDC Analyst Chris Christiansen, “60 to 70 percent of all firewalls are misconfigured,” rendering them “...worse than useless.” That’s why an effective mechanism for configuration management is critical to securing your business.

Cost-Effectively Manage Multiple Entries or Organizations with McAfee Firewall Enterprise Control Center

For managed service providers, or for organizations with multi-tenant management or reporting requirements, Control Center also provides administration functionality for managing the firewalls of multiple customers or separate entities. You have the ability to create “domains” that act as separate Control Center instances—administrators only see the firewall and policies for their particular customer or entity.

- Separate the configurations for several enterprises and hide information about an enterprise from administrators of other enterprises
- Keep configuration simple and save time and effort with common Intelligent Objects. Cross-enterprise policy objects can still be shared by all domains.



With the McAfee Firewall Enterprise Control Center appliance, centralized management is simple and effective for any number of McAfee Firewall Enterprise appliances.

When policies change or attacks emerge, just update the affected objects. Control Center can instantly apply those changes to all McAfee Firewall Enterprise appliances across the enterprise. You can even compare policy configurations on all of your Control Center-managed devices to ensure consistency across your network. Robust configuration management features let you centrally track, trace, and validate all policy changes.

Benefits of Configuration Tool Wizards

Duplicate Rules Wizard	Scans your policies for duplicate rules to reduce the size and complexity of your rule base
Merge Rules Wizard	Upon importing firewall rules, identifies rules with a common set of parameters and merges multiple rules into a single rule
IPSec VPN Wizard	Defines and implements complex mesh, star, and remote access topologies. Easily creates VPN peers and edits key exchange properties. Control Center then automatically creates the secure VPN channels for you.

Administration Tool: Maintain Complete Access Control of Your Firewalls with Role-Based Administration

Some configuration changes are routine, while others are profound and far-reaching. Role-based administration allows you to determine which management functions can be viewed or changed based on each person’s network responsibilities. Create any number of roles with the Administration Tool. For example, one administrator role may be allowed to change only Domain Name System (DNS) entries, a second to view event logs, a third to create rules associated with a specific network service or protected server, and another to allow junior administrators to create policies but not push them. Role-based administration ensures the appropriate division of management responsibility and maximum flexibility.

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McAfee Firewall Enterprise 2800 Control Center manages an unlimited number of McAfee Firewall Enterprise appliances

- Enterprise 2U platform
- RAID 5



McAfee Firewall Enterprise 2500 Control Center manages up to 100 McAfee Firewall Enterprise appliances

- Enterprise 2U platform
- RAID 1



McAfee Firewall Enterprise 1500 Control Center manages up to 50 McAfee Firewall Enterprise appliances

- Enterprise 2U platform
- RAID 1

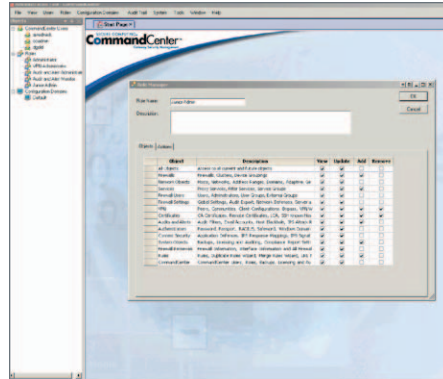


McAfee Firewall Enterprise 500 Control Center manages up to 15 McAfee Firewall Enterprise appliances

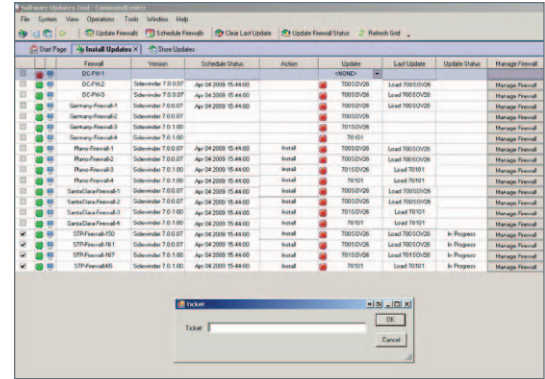
- Small 1U platform

McAfee Firewall Enterprise Control Center Appliances

- Secure, scalable, and purpose-built appliances for easy deployment and maintenance
- Performance-sized to handle high throughput and large numbers of users
- Powered by the latest Intel® Dual-Core architecture
- Built-in resiliency with RAID and power supply redundancy provide for continuous uptime



Use the Administration Tool to delegate appropriate levels of policy monitoring and control to each administrator.



Easily keep all devices current. The Software Update Tool lets you centrally view and track the software patch releases available for deployment of each device.

Benefits of Administration Control

Lower costs by promoting centralization of key security personnel and consistent policy implementation throughout the network

Reduce complexity of security device administration while maintaining the flexibility to address each organization's diverse needs

Use role-based administration to customize McAfee Firewall Enterprise Control Center access to match your team structure and separation of duties

Mitigate policy change overlap by locking support for simultaneous administrative users to ensure that security policy changes are implemented and validated at separate intervals

Meet regulatory compliance requirements to limit auditing and other critical functions to specific individuals within the organization, improving security and reducing legal exposure

Software Update Tool: Manage and Monitor Security Software

Your security infrastructure may include numerous firewalls deployed from the edge to the core of your network. McAfee Firewall Enterprise Control Center's Software Update Tool makes it easy to ensure that you are running the latest software on all of your McAfee Firewall Enterprise appliances.

Collect and track releases within the software repository

The Repository Manager can automatically detect when new releases and firmware are available on McAfee's FTP site. Download the files you need and store them on Control Center's Management Server for manual or automated installation. View the readme files to determine which devices are affected. The Software Update Tool records all of the relevant file information, including the name, description, version number, target device, release date, and deployment status.

Centrally manage software installations

Install new releases to one system or to hundreds simultaneously. The Software Update Tool displays the installation history for all managed devices along with the progress of the current deployment. If needed, you can restore a trusted device configuration in seconds with a few clicks of the mouse. The Software Update Tool dramatically reduces the time and effort needed to keep your McAfee systems in peak condition.



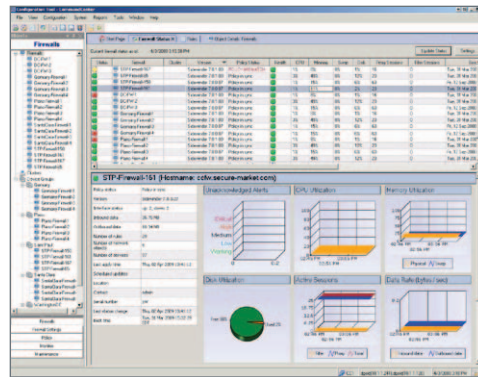
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Reporting and Monitoring Tool: Stay on Top of the Network

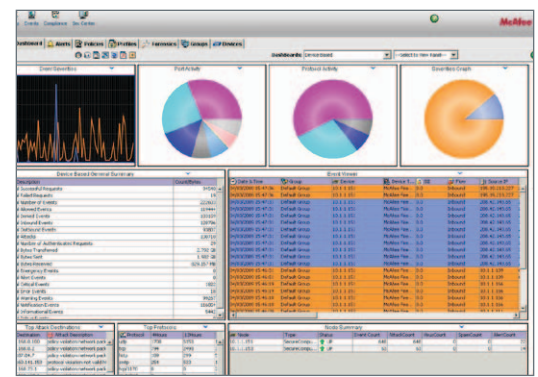
McAfee Firewall Reporter is integrated with Control Center

For an in-depth historical and trending analysis that's focused on your McAfee Firewall Enterprise audit stream data, use the McAfee Firewall Reporter security event management (SEM) software that's included with Firewall Enterprise appliances. Firewall Reporter software can be accessed and used right in the Control Center graphical user interface, delivering central monitoring, correlated alerting, and reporting on any number of McAfee Firewall audit streams.

A variety of reports are available to provide comprehensive, device-specific information from your network of McAfee Firewall Enterprise appliances. The Control Center Reporting and Monitoring Tool lets you generate and view reports about individual devices and groups of devices. These reports are operator-focused to identify, investigate, correct, and close any issue with an individual security device. The Reporting and Monitoring Tool also includes Sarbanes-Oxley (SOX) reporting and monitoring.



McAfee Firewall Enterprise Control Center's detailed reports provide comprehensive, device-specific information.



McAfee Firewall Reporter software, which is included with McAfee Firewall Enterprise appliances, provides 300 graphical reports for historical and trending analysis.

Firewall Reporter's 300 reports give you immediate action points to keep the enterprise safer. This graphically rich tool strengthens your overall security posture, gives quick evidence of regulatory compliance with SOX, Payment Card Industry (PCI), Health Insurance Portability and Accountability Act (HIPAA), Gram-Leach-Bliley Act (GLBA), and Federal Information Security Management Act of 2002 (FISMA), and proves the effectiveness and value of your McAfee Firewall investment to management.

Together, McAfee Firewall Enterprise Control Center and McAfee Firewall Reporter provide complete reporting to keep you on top of your environment so that you can efficiently and proactively manage your network of McAfee Firewalls.

Your Enterprise-Class Central Management Platform

McAfee is world-renowned for the multi-level secure operating environment that powers our firewall appliances. The Windows client and all firewalls communicate with the management server using SSL-encrypted XML. SSL with client certificates is used for encryption and two-way authentication from all devices to the management server. For utmost convenience, McAfee Firewall Enterprise Control Center includes a built-in Certificate Authority.

