

# McAfee Endpoint Security Platform

Empowering a mobile workforce and securing your company's valuable data

Endpoint security is more important than ever, due largely to the increasing complexity of web-based threats, and the introduction of smartphones in the workplace. Bringing employee-owned devices into the business increases the threat of data loss and malware attacks. It's also forcing IT organizations to grapple with a difficult problem: how to enable greater access to information for an increasingly mobile workforce while also protecting the company and its valuable data—even as that data moves more broadly than ever.

McAfee endpoint solutions protect the broadest array of devices in the world—from servers to desktops to mobile devices and embedded applications, all managed by a unified management system, McAfee ePolicy Orchestrator®.

McAfee Protects the Broadest Array of Devices in the World



Figure 1. Broad-based McAfee protection.

Some companies approach this challenge by deploying layered security with disparate technologies and multiple vendor products, trying to cover all bases. However, this situation is not efficient in terms of resources or overall costs. Using point solutions that are not integrated and require separate management consoles adds complexity for security administrators.

Some companies simply avoid business-enabling technologies, such as virtualization, smartphones, and other IP-connected devices. Or they deploy them without sufficient security. The first strategy means lost productivity and competitiveness; the second entails risk.

At the same time, most companies are struggling to lower security costs, streamline and integrate security processes, and reduce the resources required to manage their security. It's a difficult balance to achieve.

To meet the needs of a highly mobile workforce accessing data on a wide array of devices, McAfee offers the industry's most extensive endpoint security solution. The McAfee® Endpoint Security platform provides ironclad endpoint and data protection—for any device, anywhere, anytime—and delivers secure, seamless access to data. With its intelligent security management and unique, single-console approach, McAfee Endpoint Security reduces complexity and minimizes the effort and resources required to manage security in today's IT environment.

## McAfee Endpoint Security: The Right Balance of Protection and Access

McAfee Endpoint Security enables you to confidently support the growing number of diverse endpoints that access your data. It protects the data itself, no matter what the location. It helps you contain security costs. It simplifies your security. And it lets your business take advantage of innovations in technology, such as virtualization and the consumerization of IT.

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### IT Organizations Can Now Say “Yes” to Business Initiatives

However complex your IT environment, McAfee can help you say “yes” to today’s most important IT initiatives:

- Securely unleash virtualization at full power
- Securely enable the consumerization of IT
- Intelligent connected security via the cloud
- Endpoint security optimization

### Securely Unleash Virtualization at Full Power

Desktop and server virtualization offers the ability to use hardware much more efficiently, but virtualization also introduces new security concerns, such as threats that target data communication between hypervisors. Applying traditional security software isn’t the best approach because it can degrade performance—and undermine the benefits you sought with virtualization in the first place.

McAfee MOVE technology offloads security-intensive processes from virtual machines, dramatically increasing virtualization performance and capacity.



Figure 2. McAfee MOVE improves the performance of virtual machines.

McAfee has a host of products that optimize and secure virtual environments, including:

- McAfee MOVE AntiVirus for Desktops
- McAfee MOVE AntiVirus for Virtual Servers
- McAfee VirusScan® Enterprise for Offline Virtual Images
- McAfee Host Intrusion Prevention
- McAfee Network Access Control
- McAfee Network Security Platform
- McAfee Application Control

With organizations adopting virtualization to lower cost and increase agility, they can count on McAfee Endpoint Security to protect virtualized desktops and servers from every type of attack, reduce the performance impact of security tools, and provide unified management for virtual and physical environments. Because it’s designed and optimized for virtualized environments, McAfee Endpoint Security enables you to:

- Increase the density of virtual machines, realize the operational benefits of virtualization, and remain secure at the virtual endpoint
- Address current and future threats and support secure live-migration of virtual machines
- Simplify security management across physical and virtual environments

### Confidently Enable the Consumerization of IT

Smartphone demand in corporate environments has reached a tipping point: line-of-business owners want to make productivity pervasive and increase workforce efficiencies by mobilizing applications and corporate data. This trend will continue; the number of mobile workers worldwide is expected to reach nearly 1.2 billion by 2011 (source: IDC). Moreover, 41 percent of companies are reducing IT costs by allowing employee-owned endpoints to be used for business (according to McAfee research). During the course of a day, today’s employees use four consumer devices and multiple third-party consumer applications, such as Facebook, Twitter, and other social networking sites—and they use them interchangeably for business and personal activities.

To address these trends, McAfee Endpoint Security ensures all endpoints are secure and compliant, provides a unified management system that scales to any organization, and protects you against every angle of attack. McAfee Endpoint Security enables you to:

- Confidently add new endpoints—and protect your legacy endpoints
- Securely manage and audit any enterprise connected device
- Ensure IT compliance for employee-owned devices used in the business environment
- Cover all the threats to data and networks caused by this consumerization

McAfee solutions help you say “yes” to employee owned devices. They include:

- McAfee Enterprise Mobility Management
- McAfee Network Access Control
- McAfee Endpoint Encryption
- McAfee MOVE AntiVirus for Virtual Desktop
- McAfee Host DLP

**Securely Enable the Mobile Enterprise**

Your data is no longer contained within the walls of your business. Today's workforce accesses, manages, and stores company data on laptops, home computers, smartphones, and newly invented mobile devices like Apple iPad. The fact that these devices are mobile means that they're also easily lost or stolen. As an IT security professional, your job is to ensure that when an employee's laptop or mobile phone is lost or stolen, the data on it is not compromised. Moreover, for audit and compliance reasons, you need to prove that data is protected—no matter where it is.

The extensive lineup of centrally managed McAfee mobility products protect you from data loss.



McAfee empowers IT organizations to say “yes” to the mobile enterprise while ensuring secure and easy access to corporate data and business applications on the go. McAfee Endpoint Security offers the most comprehensive range of integrated and centrally managed mobile data protection solutions available. The acquisition and integration of Trust Digital, for example, provides data protection, security reporting, and management for smartphones, creating the

industry's first comprehensive mobile security solution. In addition, McAfee Endpoint Security provides:

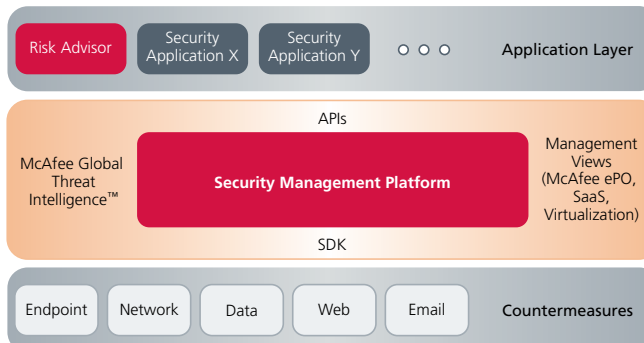
- Full-disk encryption for laptops and mobile devices to protect sensitive data, even if it falls into the wrong hands
- Device control to prevent critical data from leaving your company through removable media, such as USB drives, iPods, Bluetooth devices, recordable CDs, and DVDs
- A centralized management console that lets you monitor and control data transfers from all desktops and laptops—even when they are not connected to the corporate network
- Integrated encryption, management, and reporting to provide proof of security

**Optimize operational performance with intelligent security**

The sophistication and complexity of threats targeting businesses today and the constraints placed on IT budgets and staff all point to one conclusion: an integrated approach to security is essential. McAfee is at the forefront of this trend—and, in fact, no other vendor can claim to have a single integrated management platform across all security domains. Other security vendors require multiple consoles

(up to 11 in one case) to provide total endpoint protection. McAfee Endpoint Security uses one: McAfee ePolicy Orchestrator (McAfee ePO™).

McAfee delivers the industry's most complete range of integrated and centrally managed endpoint security and data protection solutions, all uniquely managed by the worlds leading security management platform, McAfee ePolicy Orchestrator.

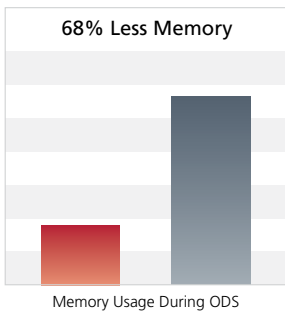
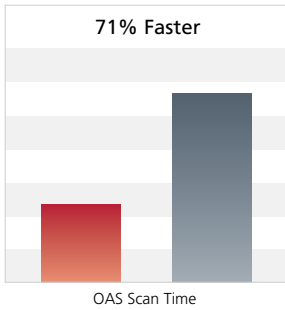


McAfee ePolicy Orchestrator software is a single, centralized platform that manages security, enforces protection, and lowers the cost of security operations. In fact, McAfee ePolicy Orchestrator software can reduce the cost of managing IT security and compliance

by more than 60 percent (source: MSI International survey of 488 mid-sized and large enterprises). With its connected intelligence, McAfee Endpoint Security delivers:

- 21 percent TCO improvement (source: Aberdeen research)
- 45 percent less time developing security reports (source: McAfee research)
- 74 percent average improvement in scanning time and memory usage (source: McAfee research)





McAfee offers significant performance advantages over the major competition (On-access scan, on-demand level scan shown here)  
Source: McAfee internal testing

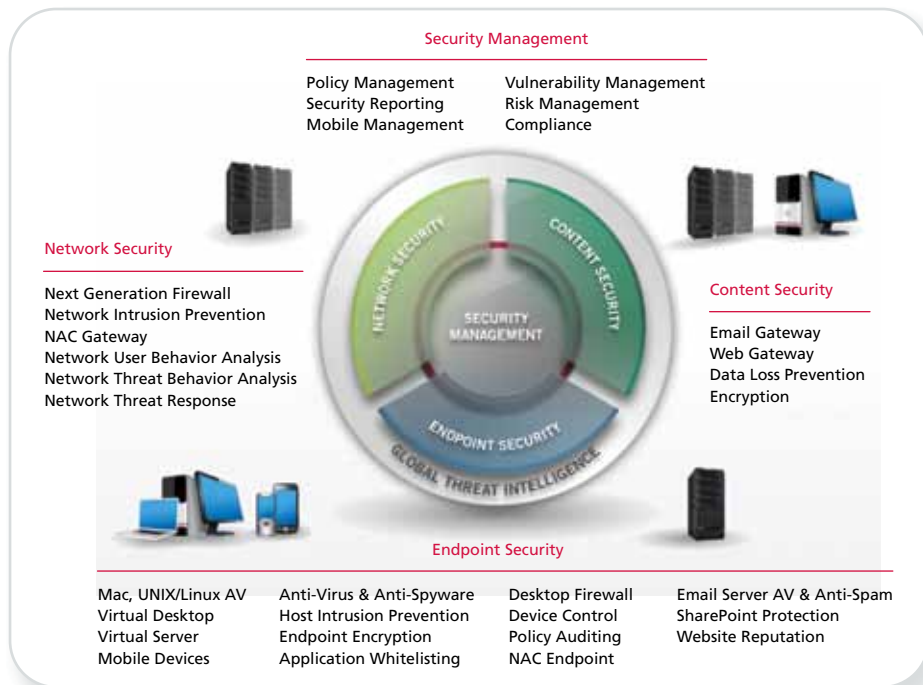
**Our Goal: Zero Impact on Productivity**

People today have little patience for slow performance when it comes to technology. This is a much greater issue than many businesses realize: indeed, it's a key reason employees bring their own phones, computers, and mobile devices into the workplace. If employees feel they can do work faster and easier on their own laptop, they will.

At McAfee, we respect the need to minimize impact on productivity—for security administrators as well as for the general employee population. McAfee Endpoint Security is designed to achieve that goal by enabling line-of-business owners to increase workforce efficiencies and make productivity pervasive. At the same time, by simplifying and optimizing the security of endpoints, we're making the job of security administrators a lot easier.

**McAfee Security Connected**

McAfee is the world's largest dedicated security company, with products spanning endpoint, network, and content security as well as security management.



**About McAfee, Inc.**

McAfee, Inc., headquartered in Santa Clara, California, is the world's largest dedicated security technology company. McAfee is relentlessly committed to tackling the world's toughest security challenges. The company delivers proactive and proven solutions and services that help secure systems and networks around the world, allowing users to safely connect to the Internet, browse, and shop the web more securely. Backed by an award-winning research team, McAfee creates innovative products that empower home users, businesses, the public sector, and service providers by enabling them to prove compliance with regulations, protect data, prevent disruptions, identify vulnerabilities, and continuously monitor and improve their security. <http://www.mcafee.com>.

