



# McAfee Host Intrusion Prevention

Proactively securing your systems and applications

## The Challenge

As an IT manager, one of your top challenges is to successfully protect the systems and applications that support your business processes from known and unknown attacks before they disrupt your business. In order to accomplish this, you have aggressively deployed security technologies throughout your network. But the complexity of the exploits that target the vulnerabilities within your systems and applications continues to rise at an equally aggressive speed. You always seem to be just half a step ahead of the problem. The key to winning this game is to implement a proactive security strategy that prevents the attacks from happening in the first place. With a proactive approach to securing your systems and applications, you can rest assured that your confidential data is protected and your business continuity is preserved.

## The McAfee Host Intrusion Prevention Solution

McAfee® Host Intrusion Prevention® (Host IPS) protects your assets with multiple proven methods, including a system firewall and both signature and behavioral analysis.

Standalone products have cumbersome non-integrated management platforms that prevent many companies from deploying the comprehensive protection they need against today's blended threats. McAfee Host Intrusion Prevention integrates into your existing McAfee ePolicy Orchestrator® (ePO™) management platform for accurate, scalable, and easy-to-use advanced system protection.

With automatic signature updates and zero-day protection, you get the advanced vulnerability-shielding capabilities you need. Patching systems is something you will do less often and less urgently, and you will find it easier to comply with legal regulations.

With a single agent for host intrusion prevention and desktop firewall, McAfee Host IPS is easy to deploy, easy to configure, and easy to manage.



## Key Features and Benefits

### Three layers of protection

Host IPS delivers the most comprehensive solution available to protect enterprises from attacks. Behavioral protection blocks zero-day attacks and enforces proper operating system and application behavior; signatures block known attacks and provide administrators with complete vulnerability coverage of the threats they face; and a system firewall ensures compliance to application and system-access policies.

### Behavioral protection

Host IPS behavioral protection protects your systems against zero-day attacks that target new vulnerabilities—without requiring updates. Features include:

- **Buffer-overflow exploit prevention**—Patented McAfee Host IPS technology prevents code execution resulting from buffer-overflow attacks, one of the most common methods of attacking servers and desktops
- **Application shielding and enveloping**—Prevents compromise of applications and their data, and also prevents the application from being used to attack other applications, even by a user with administrative privileges



### Signature protection

Host IPS signature protection accurately identifies and blocks known hostile traffic and significantly reduces false positives. Features include:

- **Vulnerability shielding**—Automatically updated signatures shield vulnerabilities on desktops and servers, providing near 100 percent coverage of Microsoft® software vulnerabilities and giving you time to test patches before you deploy
- **Web server and database server protection**—Server agents contain unique protection engineered specifically to protect Web servers and database servers from attacks like directory traversal and SQL injection attacks
- **Desktop application protection**—Desktop agents contain unique protection for commonly exploited applications like Internet Explorer and Microsoft Outlook
- **USB removable-media blocking**—Stop viruses or worms from being inadvertently loaded onto systems, reduce data theft, and enforce corporate lock-down policies by blocking the use of USB removable-media drives

### Desktop firewall

The Host IPS desktop firewall proactively defends and controls your desktop and laptops to prevent new threats that anti-virus alone cannot defend against:

- **Connection-aware policy**—With the Host IPS desktop firewall, you can define different firewall rules based on how a system connects to the network. This functionality provides you the flexibility to define firewall policies based on a range of different connection criteria, including connection type, host IP address, target gateway, DNS, DHCP, and WINS servers
- **Quarantine mode**—Quarantine mode allows the desktop firewall to be interrogated by ePO before the client fully connects to the network. If the client is found to be out of date or running old policies, the solution restricts network access

### Enterprise manageability

ePO is the industry security management solution, delivering a coordinated, proactive defense against malicious threats and attacks for the enterprise. As the central hub of McAfee System Protection Solutions, administrators can mitigate the risk of rogue, non-compliant systems, keep protection up to date, configure and enforce protection policies, and monitor security status, 24/7, from one centralized, enterprise-scalable console.

Deploy ePO and manage all of your new security solutions or extend your investment in enterprise security management by adding Host IPS to your existing ePO infrastructure.

### System Requirements

Microsoft Windows® (English, French, German, Spanish, Japanese, Korean, Traditional Chinese)

- Windows NT 4.0 Workstation (SP6a)
- Windows NT 4.0 Server (SP6a)
- Windows NT 4.0 Enterprise Server (SP6a)
- Windows 2000 Professional (up to SP4)
- Windows 2000 Server and Advanced Server (up to SP4)
- Windows XP (up to SP2)
- Windows 2003 Server (up to SP1)

Supported Web server platforms:

- IIS 4.0, 5.0, and 6.0 (Windows)

Supported database server platforms:

- Microsoft SQL Server 2000 (Windows) SP3a, SP4

### McAfee Customer Care

For your business to thrive, your network and systems must stay secure. If it is your charter to maximize protection, minimize downtime, and solve security problems quickly, McAfee's industry-leading software and hardware technical support programs are for you.

McAfee Gold Support™ gives you rapid access to our experienced and highly skilled IT security support staff around the clock. McAfee Platinum Support™ is for customers who value personalized, 24/7 proactive support from an assigned certified Technical Account Manager.