McAfee
Together is power.

McAfee Endpoint Threat Protection

Essential, effective protection that grows with your business

There is no doubt that the threat landscape will continue to evolve. You already know that mounting a strong defense begins at the endpoint. However, it can be difficult to get the protection you need today. You also want the ability to add new technologies over time without creating complex, siloed security operations. McAfee® Endpoint Threat Protection offers the essential protection you need today and keeps you ready for tomorrow's advanced threat defense requirements. It delivers integrated threat prevention, firewall, web, email, and device control defenses that work together in real time to analyze and collaborate against threats, blocking and quickly remediating them before they impact your systems or users.

Key Points

- Strengthen your security posture with layers of collaborative protection technologies.
- Get the flexibility to easily expand your protection as your needs change.
- Increase productivity with centralized management, zero-impact user scans, and minimal impact to system resources.

A Collaborative Endpoint Framework

Built with integration in mind, McAfee Endpoint Threat Protection defenses collaborate and share what they see in real time to coordinate identification and block the execution of suspicious files, websites, and potentially unwanted programs for a higher level of protection.

An Integrated Solution for Today and Tomorrow

With McAfee Endpoint Threat Protection, you can replace disconnected point product deployments with a connected, collaborative framework and near real-time protection across multiple protection technologies. This not only allows for stronger analysis of threats, it also enables the threat forensic data that is gathered to be shared with other defenses to make them more intelligent and help them more quickly identify and block threats on other endpoints or when encountered by a different entry point.

Use Case
Download of a malicious file from the web

A file hash is sent from McAfee Web Control to McAfee Threat Prevention, triggering an ODS.

Malicious files are detected and blocked before they have full access to the system.

Forensics data is captured (source URL, file hash, and other information).

Event data is shared with other modules and McAfee® ePolicy Orchestrator® (McAfee ePO™) software and is visible in client user interface.
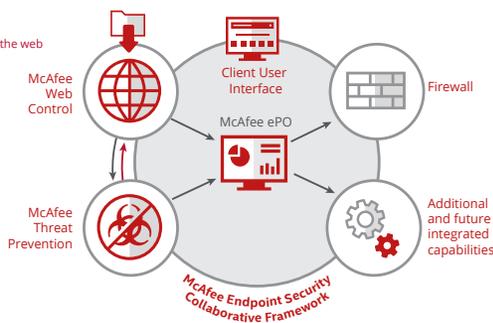
McAfee Web Control

Client User Interface

McAfee ePO

Firewall

McAfee Threat Prevention

Additional and future integrated capabilities

McAfee Endpoint Security Collaborative Framework

Figure 1. How McAfee Endpoint Threat Protection defenses work together.

Deployment is also flexible, thanks to this approach. You can install everything that comes with your purchase today and decide what functionality will be configured and active now. You can easily activate the capabilities you decide to use later with a policy change.

Lastly, our framework lets you easily expand your protection as your needs change, thanks to an architecture designed to include additional technologies. This ensures that you are ready at any time to introduce other advanced protection capabilities to defend against more sophisticated threats.

Affordable Protection—Without Sacrificing Performance

McAfee Endpoint Threat Protection offers an expandable framework with core protection technologies. It Increases productivity for you and your users without introducing complexity or sacrificing performance. For example, your operations will run more efficiently due to centralized management via McAfee ePolicy Orchestrator® (McAfee ePO™) software, which offers a single pane of glass to deploy, monitor, and manage security policies across your environment. Customers with multiple operating systems in their environment will be able to increase their productivity using cross-platform policies for Microsoft Windows, Apple Macintosh, and Linux systems. And, because a common language (Data Exchange Layer, or DXL) is used by the

components of McAfee Endpoint Threat Protection, you can optimize processes between technologies and speed responses to threats, reducing risks by narrowing the window of exposure.

Your users will also get increased productivity with zero-impact user scans, memory, and CPU use, which are optimized to minimize the impact to systems. An intuitive user interface also comes standard and makes it easy for you and your users to get quick insights into which actions have been taken and why.
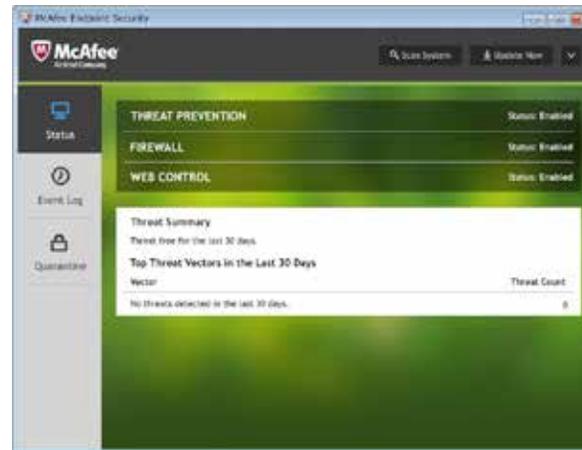
Figure 2. The intuitive user interface keeps things simple for administrators and users.

Supported Platforms

- Windows: 7, To Go, 8, 8.1, 10, 10 November, 10 Anniversary
- Mac OSX version 10.5 or later
- Linux 32- and 64-bit platforms: RHEL, SUSE, CentOS, OEL, Amazon Linux, and Ubuntu latest versions

Servers:
- Windows Server (2003 SP2 or greater, 2008 SP2 or greater, 2012), Server 2016
- Windows Embedded (Standard 2009, Point of Service 1.1 SP3 or greater)
- Citrix Xen Guest
- Citrix XenApp 5.0 or greater

Component	Advantage	Customer Benefits	Differentiation
Threat Prevention	Comprehensive protection that finds, freezes, and fixes malware fast with multiple layers of protection	• Stops known and unknown malware using heuristics and on-access scanning techniques • Simplifies policies and deployments with protection across Windows, Mac, and Linux platforms • Boosts performance by avoiding scans on trusted processes and prioritizing those appearing suspicious	Multilayered anti-malware that collaborates with and informs web and firewall defenses for stronger analysis, and intelligently applies rules to block potential threats.
Integrated Firewall	Protects endpoints from botnets, distributed denial-of-service (DDoS) attacks, untrusted executables, advanced persistent threats, and risky web connections	• Protects users and productivity by enforcing your policies • Guards bandwidth by blocking unwanted inbound connections and controlling outbound requests • Equips users by informing them of trusted networks and executables and risky files or connections	Application and location policies safeguard laptops and desktops, especially when they are not on the corporate network.
Web Control	Ensure safe web browsing with web protection and filtering for endpoints.	• Reduces risk and guards compliance by warning users before they visit malicious sites • Prevents threats and protects productivity by authorizing or blocking dangerous or inappropriate websites • Stops dangerous downloads safely by blocking them before they can be downloaded	Protection across Windows, Mac, Linux, and multiple browsers, informed by McAfee Global Threat Intelligence
McAfee Data Exchange Layer	Connects security to integrate and streamline communication with both McAfee and third-party products.	• Integration reduces risk and response time. • Lower overhead and operational staff costs. • Optimized processes and practical recommendations	• Shares the most important threat information between security products • Instantly shares "patient zero" threat insight with all other endpoints to prevent infections and update protection.
McAfee ePO Software Management	A single pane of glass for highly scalable, flexible, and automated management of security policies to identify and respond to security issues	• Unify and simplify security workflows for proven efficiencies. • Greater visibility and flexibility to take action with confidence • Quickly deploy and manage a single agent with customizable policy enforcement. • Shorten the time from insight to response with dynamic and automated queries, dashboards, and responses.	• Greater control, lower costs, and quicker operational security management with a single console • A proven interface that has been widely recognized throughout the industry as superior • Drag-and-drop dashboards across a vast security ecosystem • Open platform facilitates rapid adoption for security innovations

Learn More

Learn more about the benefits of McAfee Endpoint Threat Protection at **www.mcafee.com/ETP**.

McAfee
Together is power.

2821 Mission College Boulevard
Santa Clara, CA 95054
888 847 8766
www.mcafee.com