McAfee Complete Endpoint Protection—Enterprise

Intelligent, connected defenses for the complete threat lifecycle

Endpoint security should support your business, not slow it down. Defend your business and empower your employees to be productive. Strong, simple, and fast, the McAfee® Complete Endpoint Protection—Enterprise Suite provides real-time visibility into security and risk along with unified management. Get high-scoring threat protection that uses local and global threat intelligence and guard your systems and data against complex, stealthy threats with dynamic application control and behavioral intrusion prevention—all delivered as an easy to manage, integrated solution.

Key Advantages

- Get top-rated, comprehensive layered protection with intelligent, collaborative endpoint defenses, intrusion prevention and firewall for desktops and laptops, device control, and more.

- Unify management across all your endpoints: PCs, Macs, Linux systems, and virtual machines.

- Reduce the application attack surface, save time and effort with dynamic whitelisting.

- Get actionable threat forensics in understandable language to better understand and rapidly take action against advanced threats.

- Manage risk by directing security efforts where they are needed most.

McAfee Complete Endpoint Protection—Enterprise Suite makes it easy to get security right, from turnkey installation to rapid response. With one unified solution, you cover all the devices in your enterprise—PCs, Macs, Linux systems, virtual machines, and more. Reduce management complexity and cut costs, while protecting endpoints against rootkits, targeted web and email attacks, and persistent threats. Achieve a level of powerful, efficient protection and management that's available only from Intel Security, the market leader in endpoint security.

Proven Advanced Threat Protection

When it comes to threat protection, you can't do any better than McAfee Complete Endpoint Protection—Enterprise. Our best-in-class anti-malware engine delivers strong, proven detection effectiveness, scoring 17.5 out of a possible 18 in a test conducted by **AV-TEST.org**.[1]

Intel Security protects, detects, and corrects malware fast with multiple layers of protection, including intelligent, collaborative endpoint defenses, intrusion prevention and firewall for desktops and laptops, device control, and more. Intelligent whitelisting through application control protects users from harmful applications and code originating from zero-day threats or advanced persistent threats (APTs).

See more, know more, and defend your organization better with cloud-based McAfee Global Threat Intelligence (GTI), which gives you the full spectrum of new and emerging threats in real time across all vectors—file, web, message, and network. Enhance your global intelligence with local threat intelligence from McAfee GTI to combat threats as soon as they emerge. With over 100 million global threat sensors in over 120 countries, more than 45 billion queries/day, over 1.5 million files and 1 million URLs analyzed per day, Intel Security offers the market's strongest global threat intelligence.

Protection
Protection against malware infections (such as viruses, worms or Trojan horses)

	July	August	Industry average
Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing) 165 samples used	100%	99%	98%
Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set) 20,094 samples used	100%	100%	100%
Protection Score	●●●●●●		6.0/6.0

Performance
Average influence of the product on computer speed in daily usage

	July	August	Industry average
Use cases: visiting websites, downloading software, installing and running programs and copying data 5 samples used		1s	2s
Performance Score	●●●●●◖		5.5/6.0

Usability
Impact of the security software on the usability of the whole computer (lower values indicate better results)

	July	August	Industry average
False warnings or blockages when visiting websites 500 samples used	0	0	0
False detections of legitimate software as malware during a system scan 1,534,348 samples used	0	0	2
False warnings concerning certain actions carried out whilst installing and using legitimate software 41 samples used		0	0
False blockages of certain actions carried out whilst installing and using legitimate software 41 samples used		1	0
Usability Score	●●●●●●		6.0/6.0

Figure 1. Results of continuously evaluating 11 endpoint protection products using settings as provided by the vendor. Source: **AV-TEST.org McAfee Endpoint Security July and August 2015**

Intel Security: An Industry Leader
- Magic Quadrant Leader for Endpoint Protection Platforms for 13 years straight. (Gartner)[2]
- AV-TEST score of 17.5 out of possible 18. **(AV-TEST. org August 2015)**

Fast, Intelligent Scans
Focused scans and focused actions provide you with security that keeps your business running smoothly 24/7 with minimal downtime. Superior performance across all platforms comes from advanced smart scanning and memory management techniques that optimize CPU and memory usage. With McAfee Application Control and its signature-less updates, you experience ultra-low CPU and memory usage, while avoiding excessive scans and .DAT update cycles.

Easy Deployment, Centralized Management
In as few as four clicks and 20 minutes, your security is ready to go. Unified, real-time management with McAfee® ePolicy Orchestrator® (McAfee ePO™) software streamlines your policy management workflow across all devices and provides a single pane of glass for visibility.

Using a dynamic trust model, McAfee Application Control grows the whitelist dynamically—without requiring labor-intensive list management.

View, Manage, and Respond to the Threat Defense Lifecycle

McAfee Complete Endpoint Protection—Enterprise brings together a strong set of proactive defenses to protect you against today's complex threats at every stage.

How Our Advanced Threat Defenses Work

Technology	What it does	How it performs
McAfee Endpoint Security 10	Enables communication between multiple threat defenses for detection of seemingly disconnected events as related and part of a targeted attack.	• Threat defenses talk to, learn from, and inform one another of emerging threats. • Adaptive and intelligent scanning leverages observations from multiple sources to detect and inform each other in real time of emerging forms of attacks. • Defenses are informed by localized and global threat intelligence. • Automatic actions are taken against suspicious applications and processes and quickly escalate while informing other defenses and the global community.
McAfee Threat Intelligence Exchange	Offers expanded threat intelligence from global data sources and third-parties while sourcing local threat intelligence from real-time and historical events.	• Security components gain additional insights into threats targeting organizations in the global network discovered through endpoints, gateways, and other security components. • Threat details collected from malware encounters propagate through the data exchange layer in milliseconds, reaching all of the endpoints and giving them the information to proactively immunize against threats. • Enables customization of threat intelligence, such as lists of publisher certificates, file hashes, and risk tolerance decisions based on organizational preferences.
McAfee Active Response	Expands incident response capabilities with detailed live, interactive, and ongoing investigation insights and analysis.	• Automatically captures and monitors context and system state changes that may be an indicator of attack (IoA), as well as attack components lying dormant, and sends intelligence to analytics, operations, and forensic teams. • Allows adjustments to changes in attack methodologies, automatic data collection, alerts, and responses to objects of interest, and offers custom workflows. • Continuous, persistent collectors trigger on detection of attack events, alerting administrators and systems to attack activities.
McAfee Application Control	Blocks unauthorized executables on corporate desktops and fixed-function devices.	• Uses a dynamic trust model and innovative security features to thwart advanced persistent threats—without requiring signature updates or labor-intensive list management. • Integrates with McAfee Global Threat Intelligence so that users can consistently enable the 'known good' applications and code, and block 'known bad' and 'unknown bad.' • When deployed with McAfee Threat Intelligence Exchange, enhances whitelisting with localized threat intelligence to combat unknown and targeted malware instantly. McAfee Threat Intelligence Exchange coordinates with McAfee Advanced Threat Defense to dynamically analyze the behavior of unknown applications in a sandbox and automatically immunizes all endpoints from newly detected malware.

Note: McAfee Threat Intelligence Exchange, McAfee Active Response, and McAfee Advanced Threat Defense are optional modules sold separately for Endpoint Protection Customers.

The Intel Security Integrated Architecture

McAfee Complete Endpoint Protection—Enterprise Suite helps you optimize your security and risk posture as you reduce costs and increase agility. Using an integrated security framework—and a collaborative, extensible endpoint architecture—you can remove redundancies to simplify management and improve your incident response efficiency. You'll also be able to centralize management, reduce security overhead, and gain a framework to build on both today and tomorrow. You can streamline and automate protection and incident management processes to reduce security overhead and inefficiency. With real-time security management and unmatched global threat intelligence, Intel Security helps you identify, prioritize, and resolve risks to your business quickly and easily. For more information, visit: **www.mcafee.com/complete-endpoint-enterprise**.

McAfee Complete Endpoint Protection—Enterprise Suite Highlights

Anti-Malware (PCs, Macs, Linux, virtual machines)

McAfee Endpoint Security
- Communicates with multiple endpoint defense technologies in real time to analyze and collaborate against new and advanced threats blocking and quickly halting them before they impact your systems or users.
- Industry leading, enterprise-class anti-malware protection with integrated zero-day threat protection.

Dynamic Application Control
- Prevent unwanted applications and malware from installing and executing with minimal impact on system performance, users, and administrators.

Intrusion Prevention and Firewall for Desktops and Laptops
- Guard against unknown, zero-day threats and new vulnerabilities.
- Reduce patch urgency.

Global Threat Intelligence
- Defend against new and emerging threats across all vectors with real-time intelligence gathered by millions of sensors worldwide.
- With 100 million global threat sensors in over 120 countries, we see more, protect more, and offer the market's strongest global threat intelligence.

Web and Messaging Security

Web Control with URL Filtering and Safe Search
- Warn users about malicious websites before they visit to reduce risk and stay compliant.
- Enforces web browsing policies by authorizing or blocking website access.

Email Anti-Malware and Antispam
- Protect email server and intercept malware before it reaches user inboxes.
- Detect, clean, and block malware from Microsoft Exchange and Lotus Domino servers with McAfee GroupShield.

Data Protection

Device Control
- Prevent loss of sensitive data by restricting use of removable media.

Management

McAfee ePO Software
- Manage policies, compliance, and reporting from a single, centralized console.

Insight

Work smarter

At Insight, we'll help you solve challenges and improve performance with intelligent technology solutions.

Learn more