



McAfee Web Protection

Web security your way—cloud, on premises, or a hybrid combination

Key Advantages

Ultimate flexibility

- All the features of McAfee Web Gateway on-premises appliances or a virtual machine, and McAfee Web Gateway Cloud Service in a single subscription.
- Address current needs today, with the freedom to change in the future.
- Predictable user-based subscription pricing, regardless of deployment method.

Advanced security

- As the number one-rated malware protection solution, McAfee Web Protection uses the McAfee Gateway Anti-Malware Engine, which includes a patent-pending approach to behavioral analysis.
- Leverage integration to McAfee® ePolicy Orchestrator® (McAfee ePO™) software and McAfee GTI.

From web filtering and anti-malware scanning to deep content inspection and granular control over how cloud applications are used, McAfee® Web Protection combines the security, controls, and deployment flexibility needed for enterprise security. Whether you are looking for the control of an on-premises solution, the flexibility and low cost of a cloud service, or a hybrid combination of the two, McAfee Web Protection empowers you to deploy your web security the way that best fits your current and changing needs.

As the web continues to grow and evolve, web-borne malware attacks grow and evolve as well, threatening endpoints and critical data. McAfee Labs identifies hundreds of thousands of new pieces of malware each day. As the level of risk continues to increase, organizations are demanding the best web security available to battle such growth. McAfee, a part of Intel Security, understands the security needs of today's cloud-connected world like no other vendor and offers the industry's most effective, proven proactive web security.

On Premises, Cloud, or Hybrid

For the ultimate in deployment flexibility and to help future-proof your investment, McAfee offers all features of **McAfee Web Gateway** and **McAfee Web Gateway Cloud Service** in a single solution: **McAfee Web Protection**. Deploy on premises with a scalable family of dedicated hardware or virtual appliances in the cloud, or combine both options for enterprise-class flexibility and availability—the choice is yours. For example, organizations can use hardware appliances to protect employees at corporate headquarters

or large regional facilities, and the cloud service to protect remote or traveling employees. You'll get award-winning McAfee anti-malware protection and comprehensive web filtering with either option. Synchronized policy management ensures consistent rules-based policy across all platforms.

Advanced Security

McAfee Web Protection layers numerous threat detection technologies to provide the most advanced protection from zero-day threats and malicious attacks. This enables McAfee Web Protection to optimize security on a single platform with multiple complementary technologies—something many organizations want for their defense-in-depth security approaches. Deep content inspection even scans Zip files, PDFs, and graphics, looking for hidden malware. Independent researchers have awarded McAfee web security solutions top scores for accurately detecting and blocking up to 99% of malware. Our advanced, layered protection includes:

Key Advantages, continued

Complete inbound and outbound protection

- Enforces an organization's Internet use policy with a comprehensive web filtering database.
- Layered security provides immediate, effective protection against malware and other hidden threats.
- Mobile filtering for remote users.
- More than 1,600 cloud application controls.

- **Comprehensive signature-based antivirus protection with real-time lookups:** Leading-edge virus detection and McAfee Global Threat Intelligence (McAfee GTI) file reputation with real-time look-up capabilities allows McAfee to close the gap between virus discovery and system protection.
- **McAfee GTI with web reputation and web categorization:** McAfee Web Protection delivers enhanced web filtering functionality and security through the powerful combination of both reputation and category-based filtering. McAfee GTI powers McAfee Web Protection's web filtering technologies and creates a profile of all Internet entities—websites, email, and IP addresses—based on hundreds of different attributes gathered from the massive, global data collection capabilities of McAfee Labs. It then assigns a reputation score based on the security risk posed, enabling administrators to apply very granular rules about what to permit or deny—and continues to monitor those entities over time. Dynamic content categorization analyzes the

content of a previously unknown website and determines if it belongs to an undesirable category (gambling, pornography, games, and others).

- **Proactive, behavioral analysis that opens content in real time for deep inspection:** As the number one-rated malware protection solution, McAfee Web Protection uses a patent-pending approach to behavioral analysis. By scanning a web page's active content, emulating and understanding its behavior, and predicting its intent, McAfee Web Protection proactively protects against zero-day and targeted attacks before they reach endpoint systems.

Cloud Application Security

One effect of the shift to cloud applications is the increased potential for “shadow IT.” CISOs that fail to track unapproved cloud application risk data leakage and potential financial loss. McAfee Web Protection provides IT with complete visibility into all web traffic and includes more than 1,600 web application controls that can be used to manage or restrict access using business criteria, such as application risk or user profile.

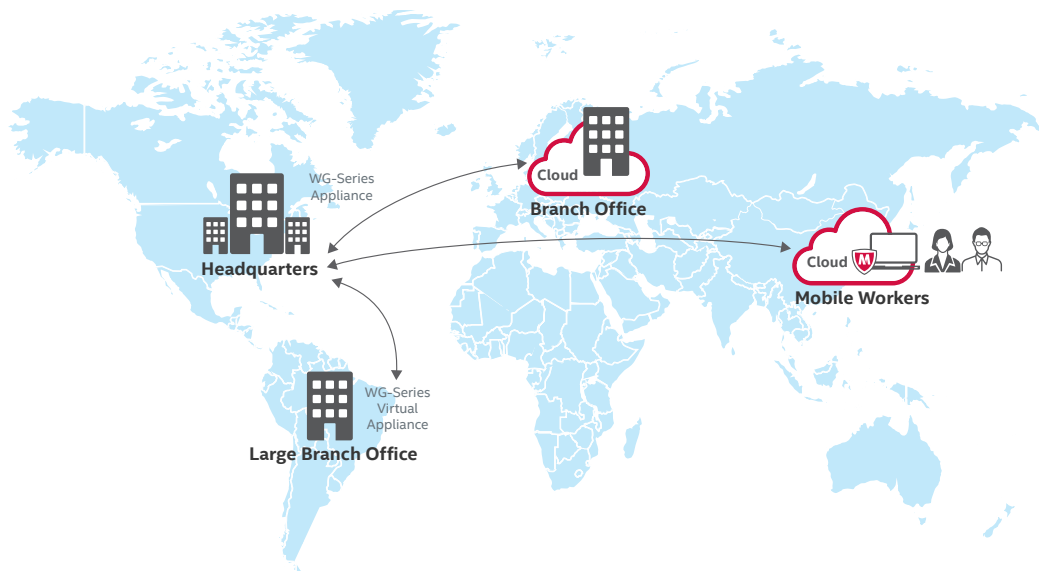


Figure 1. McAfee Web Protection enables ultimate deployment flexibility. Deploy on premises with appliances or in a virtual environment, in the cloud, or combine options for added deployment flexibility and high availability—the choice is yours.

The Growing Threat Landscape

Today's web threats come in all shapes and sizes and are delivered in multiple ways—spam and phishing email links, adware, social media, and seemingly benign files and file types that your employees use every day. McAfee Web Protection has you covered from every angle.

- We look at every page, every file, and everything suspicious.
- Spam URLs make up between 29% to 41% of all web threats around the world.
- McAfee Labs identifies more than 400,000 new pieces of malware, on average, every day.

(Source: McAfee Labs)

Mobile Protection

As the workforce becomes more distributed and mobile, the need for web filtering and protection that can seamlessly transition from the office to the road becomes increasingly important. McAfee Web Protection customers can take advantage of McAfee Client Proxy, included in McAfee Web Protection, to both protect and control web access for mobile users. This integrated, gateway-aware solution intelligently routes web traffic to a McAfee Web Protection solution—either on premises or in the cloud—for full policy enforcement.

Unified Reporting

The most popular and respected security management platform, McAfee ePO software, is supported by McAfee Web Protection. As the single source for consolidated information, the McAfee ePO platform helps you quickly identify and mitigate problems and improve compliance management. McAfee ePO software supports detailed web reporting through the McAfee Content Security Reporter extension.

McAfee Content Security Reporter enables organizations to aggregate data across the different web protection delivery platforms for a unified reporting infrastructure. It gives you the information and tools you need to understand how your organization is using the web and helps you comply with regulations, identify trends, isolate problems, document inappropriate web activity, and tailor your filtering settings to enforce your web usage policies. It combines dashboard views and drilldowns into web traffic with powerful offline processing—everything you need in one easy-to-use solution. McAfee Content Security Reporter offers an external, stand-alone report server designed to offload resource-intensive data processing and storage from the existing McAfee ePO software server, enabling it to scale to meet the reporting needs of even the largest global corporations.

For more information visit www.mcafee.com/webprotection.

