

# McAfee Application Control

Reduce risk from unauthorized applications, and gain stronger endpoint control

## Key Advantages

- Greater visibility and control over applications on the endpoint
- Extends the business viability of fixed function systems (point-of-sale terminals in retail environments ATM devices in banking, and legacy, fixed-function Microsoft Windows NT and 2000 systems)
- Lower cost of ownership because dynamic whitelisting eliminates manual effort
- Leverages your security investment in McAfee ePO
- Low overhead software solution that runs transparently on endpoints

## Key Features

- Automatically accepts new software added through authorized process
- Prevents execution of all unauthorized software, scripts, and dynamic-link libraries (DLLs) and further defends against memory exploits
- Easily accommodates existing change processes across connected or disconnected servers and endpoints
- Administrators with physical or remote access to the machine cannot override protection
- Centralized administration further alleviates IT overhead.

Users can unintentionally introduce software that installs malware, creates support issues, and violates software licenses—compromising systems and your overall business.

McAfee® Application Control offers an effective way to block unauthorized applications and, unlike simple whitelisting, uses a dynamic trust model to avoid labor-intensive lists. As enterprises face an avalanche of unknown software from the Internet, this centrally managed solution adds timely control to your systems security strategy and is attuned to the operational needs of enterprises.

Today's resource-strapped IT departments face tremendous pressure to ensure that endpoints and servers comply with security policies, operating procedures, and regulations. End users can unintentionally introduce software that poses a risk to the business. Businesses of all sizes need an efficient way to standardize endpoints and servers to ensure that they are running approved software without impacting end-user productivity.

## Business Efficiency in a Controlled Environment

McAfee Application Control augments blacklisting, real-time reputation awareness, and behavioral approaches, helping IT to consistently enable the known good, block the known bad, and properly handle the new and unknown.

Our dynamic whitelisting trust model reduces costs by eliminating costly manual support associated with other whitelisting technologies.

## Complete protection from unwanted applications

Malicious code takes full advantage of the flexible software and modular code used in Web 2.0. McAfee Application Control extends coverage to Java, ActiveX controls, scripts, batch files, and specialty code to give you greater control over application components.

## Scalable centralized management

McAfee Application Control leverages your security investment in the McAfee ePolicy Orchestrator® (ePO™) platform. McAfee ePO™ software provides remote deployment, and large enterprise rollouts can be easily managed and reported on from a central location.

## Flexible, affordable, manageable, and secure

Dynamic management of whitelists makes it easy to support multiple configurations for different business needs: point-of-sale terminals, back-office servers, and multiple desktop images for different user profiles. It runs transparently on endpoints with very low initial and ongoing operational costs.

## Increase Control over Fixed-Function Systems

In regulated industries such as banking, retail, manufacturing, and critical infrastructure, devices such as point-of-sale (POS) terminals, customer service terminals, and legacy Microsoft Windows NT and 2000 systems perform critical functions and often store sensitive data.

McAfee Application Control is ideal for extending a layer of protection to systems that are fixed function in terms of CPU or memory resources. Its low overhead footprint does not impact system performance, requires very low initial and ongoing operational overhead, and is equally effective in standalone mode without network access.

**Specifications**

**Operating systems (OS)**

- Microsoft Windows NT\*
- Microsoft Windows 2000/2003/2008
- Microsoft Windows XP/Vista
- Microsoft Windows XPE
- Microsoft Windows XP/Vista (64-bit)
- Microsoft Windows 2003/2008 (64-bit)
- Microsoft Windows CE 6.0\*
- Linux RHEL 3/4/5
- CentOS 4/5
- SuSE EL 9/10
- Oracle EL 5
- Solaris 8/9/10

\* These platforms are not supported by McAfee ePolicy Orchestrator, or they work in standalone mode.

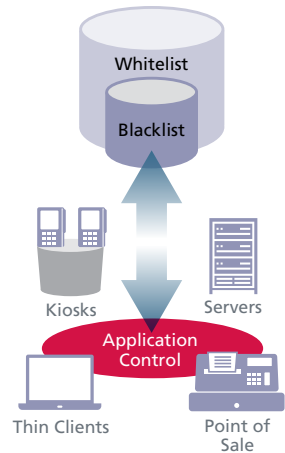


Figure 1. McAfee Application Control extends a layer of protection to fixed-function devices such as kiosks, POS terminals, and legacy platforms to reduce customer risk exponentially.

**Dynamic Whitelisting via a Trust Model**

Leveraging a trusted source model, McAfee Application Control eliminates the need for IT administrators to manually maintain lists of approved applications. Only authorized software is allowed to run, and it cannot be tampered with.

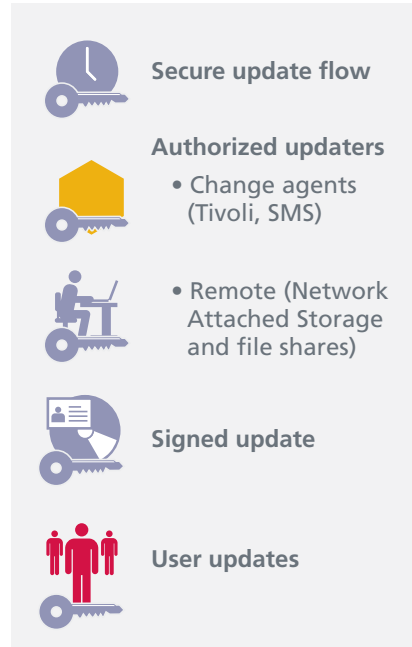


Figure 2. Secure update flow

**Small Overhead Footprint**

McAfee Application Control is a low overhead software solution.

- Easy setup and low initial and ongoing operational overhead
- Minimal impact on CPU cycles and uses less than 10 MB of RAM
- No file system scanning that could impact system performance
- Designed to work in disconnected and in “offline” mode

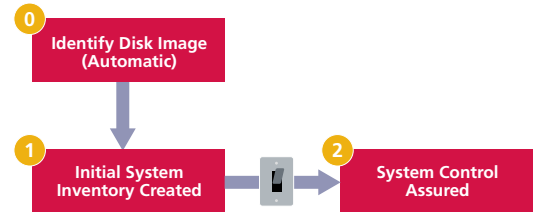


Figure 3. How dynamic whitelisting works:

0. Full automatic discovery of all executing software on the system
1. Pre-computation of an extremely lightweight run-time system
2. Fully automatic code admission control during system maintenance

**McAfee ePO software consolidates and centralizes management for all McAfee products**

By using a single, integrated management platform, companies greatly reduce the number of IT managers needed to manage endpoint security with multiple consoles. With the ePO platform, IT can:

- Access centralized event monitoring, reports, dashboard, and workflow through a single, web-based management platform
- Deploy, manage, and update agents and policies from one management system

**Integration and Compatibility with McAfee Solutions**

McAfee Application Control integrates seamlessly with McAfee Change Control to deliver stronger enforcement and compliance to system IT controls. Change Control provides change prevention and real-time integrity monitoring to minimize drift from corporate systems standards for compliance.

McAfee Total Protection for Endpoint customers will also benefit from enhanced control of endpoints and servers. Application Control complements the behavioral and signature-based protection delivered by McAfee Host Intrusion Prevention by eliminating unauthorized software to the enterprise environment.

McAfee Application Control has been designed to operate in a variety of network topologies and firewall configurations.

