



Embedded Security Software



McAfee Embedded Security solutions help manufacturers ensure that their products and devices are protected from cyberthreats and attacks. McAfee solutions span a wide range of technologies, including application whitelisting, antivirus and anti-malware protection, device management, encryption, and risk and compliance. These solutions can be tailored to meet the specific design requirements for a manufacturer's device and its architectures.

1. Endpoint Protection Suite

McAfee Endpoint Protection Suite includes:

- **ePolicy Orchestrator:** McAfee ePolicy Orchestrator (ePO) provides instant visibility into security status and events and direct access to management for unified control of all your security and compliance tools
- **Malware Protection:** Blocks viruses, Trojans, worms, adware, spyware, and other potentially unwanted programs that steal confidential data and sabotage the operation of a device or PC
- **Safe Search:** Helps ensure compliance and reduce risk from web surfing by warning users about malicious websites before they visit and letting administrators authorise and block website access
- **Device Control:** Lets you monitor and restrict data copied to removable storage devices and media to keep it from leaving company control
- **Desktop Firewall:** Ensures that network-based attacks are prevented and only legitimate network traffic is allowed

2. Proactive Protection For Embedded Devices

McAfee's Application Control software provides complete protection from unwanted applications and code-blocking zero-day attacks, advanced threats, and Targeted Attacks without requiring virus definition updates.

Ideal when on a device when:

- An Anti-Virus solution is a resource burden, or affects the performance of that device
- Devices are low-bandwidth or intermittently connected to the Internet
- When the end-user is concerned with targeted attacks

Key features:

Dynamic Whitelisting



Prevents all unauthorized code from running (including binaries, kernel components, ActiveX, scripts and Java)

Memory Protection



Prevents whitelisted apps from being exploited via buffer overflow attacks

File Reputation



Integrates with GTI to classify binaries as Good, Bad and Unknown

Image Deviation



Compares deployed system images to desired standard (gold) images

3. Bulletproof Security and Compliance Assurance

a) McAfee Embedded Control

McAfee Embedded Control blocks unauthorised applications and change on fixed-function, point-of-service infrastructures, including retail devices, medical devices, industrial control systems, office equipment, gaming devices, automotive, and various military and aerospace devices. Embedded Control provides a simple, lightweight software technology to make your devices resilient to malware infections and attacks.

Ideal when on a device when:

- An Anti-Virus solution is a resource burden, or affects the performance of that device.
- When the end-user is concerned with targeted attacks
- Unauthorised or unintentional changes could result in downtime or poor performance

Key features:

Dynamic Whitelisting		Prevents all unauthorized code from running
Memory Protection		Prevents whitelisted apps from being exploited via buffer overflow attacks
Change Control		Defines what files can be changed and how

b) McAfee Integrity Control

McAfee Integrity Control provides unshakeable protection against malware threats, targeted attacks and unauthorised changes on fixed-function devices. Our widely-adopted ePolicy Orchestrator console makes it easy to deploy and manage your devices, improve your security posture, and demonstrate compliance – adhering to regulations such as PCI and HIPAA.

Ideal when on a device when:

- Compliance is a driver
- When the end-user is concerned with targeted attacks
- Unauthorised or unintentional changes could result in downtime or poor performance

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For more information

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