

# McAfee Endpoint Encryption

Comprehensive data protection integrated with centralized management and reporting

McAfee® Endpoint Encryption protects valuable corporate data on end-user devices and shared servers with comprehensive encryption and integrated, centralized management, consistent policies, robust reporting, and proof of protection. Enable productivity while confidently protecting data stored on office desktop PCs, on-the-go laptops, and collaborative tools like shared network files and USB storage devices. The McAfee ePolicy Orchestrator® (McAfee ePO™) management infrastructure masterfully enables centralized deployment, management, policy administration, password recovery, monitoring, reporting, and auditing for ease of management, consistent protection, and low TCO.

## Key Advantages

- Secure data on office desktop PCs, mobile laptops, and collaborative tools like shared folders and USB flash drives
- Confidently ensure consistent and persistent data protection across devices
- Protect company intellectual property and meet compliance requirements
- Simplify security management and enable broad yet granular visibility using McAfee ePO software for centralized deployment, management, policy administration, auditing, and reporting
- Easily and consistently enforce company-wide security policies
- Reduce total cost of ownership and complexity by using comprehensive data protection solutions integrated with centralized management

## Comprehensive Data Protection

McAfee data protection offers multiple layers of protection against data loss and unauthorized access. The cornerstone of data protection is encryption, which is used primarily to prevent unauthorized access from outsiders, especially when a device is lost or stolen. Complementary data loss prevention (DLP) and device control solutions provide increased insights, control, and safeguarding of data to prevent data loss caused by insiders. Recent studies have shown that the majority of data breaches are the result of accidental or malicious actions of trusted insiders.

The range of McAfee data protection solutions include:

- *McAfee Endpoint Encryption*—Encrypts data on desktop PCs, laptops, network files and folders, removable media, and USB portable storage devices
- *McAfee Encrypted USB drives*—Provides hardware-based encryption and McAfee anti-virus protection
- *McAfee Enterprise Mobility Management*—Provides security and mobile device management for a wide range of smartphones and mobile devices

- *McAfee Data Loss Prevention*—Insightfully helps companies understand, monitor, control, restrict, and protect data
- *McAfee Device Control*—Helps monitor and restrict data copied to removable storage devices and media

With encryption and DLP, businesses can secure a broader scope of risk and information, including customer data, intellectual property, legal and financial records, partner and customer communications, and much more.

## Integrated, Centralized Management

The award-winning McAfee ePO management infrastructure provides centralized deployment, management, shared policy administration, password recovery, monitoring, reporting, auditing, and proof of protection. McAfee ePO software works for encryption, DLP, and other McAfee security products for ease of management, consistent protection, holistic visibility, and low TCO. It's security management you can rely on.

**System Requirements**

**Desktop, laptop, and tablet endpoints**

Operating systems

- Microsoft Windows 7 (all 32- and 64-bit versions)
- Microsoft Vista (all 32- and 64-bit versions)
- Microsoft Windows XP (32-bit versions only)
- Microsoft Windows Server 2008
- Microsoft Windows Server 2003

Hardware requirements

- CPU: Pentium-compatible
- RAM: 128 MB minimum
- Disk space: 5 to 35 MB available, depending on localization and number of devices
- Network connection: TCP/IP for remote access

Hardware requirements

- CPU: 195 MHz minimum
- RAM: 64 MB minimum
- Network connection: TCP/IP for remote administration and Microsoft Activesync 4.5 or higher for wired policy installation/updates

**Centralized management**

Operating systems

- Microsoft Windows XP
- Microsoft Windows Server 2008
- Microsoft Windows Server 2003

Hardware requirements

- RAM: 128 MB, 512MB recommended
- Disk space: 200 MB
- CPU: Pentium-compatible

**Endpoint Encryption Solutions**

McAfee industry-leading data protection solutions are available separately and in suites for extensible, customized protection that fits your security needs today and in the future.

Product	Description/Key Features
<b>McAfee Endpoint Encryption for PCs</b> Full-disk encryption for Microsoft Windows laptops and desktop PCs prevents loss of sensitive data, especially from lost or stolen equipment.	<ul style="list-style-type: none"> <li>• Enforces strong access control with pre-boot authentication</li> <li>• Enables automatic, transparent encryption without hindering performance</li> <li>• Supports mixed device environments, including solid-state drives</li> <li>• Architecture is ready to support emerging self-encrypting hard drive standards</li> <li>• Enhanced performance through support for Intel AES-NI technology</li> </ul>
<b>McAfee Endpoint Encryption for Files and Folders</b> Automatically protects files and folders as they are shared or moved throughout an organization.	<ul style="list-style-type: none"> <li>• Prevents unauthorized access to information on PCs, laptops, network servers, and removable media</li> <li>• Provides key-sharing mechanisms that allow users to share files securely</li> </ul>
<b>McAfee Endpoint Encryption for Removable Media</b> Removable media encryption secures information saved on removable devices and media that can connect to enterprise endpoints.	<ul style="list-style-type: none"> <li>• Prevents unauthorized access and data exposure on removable devices and media</li> <li>• Reads and edits encrypted data on media without installing any software; save with retained encryption</li> <li>• Hardware independent—even the least expensive media can be protected.</li> </ul> <p><i>(Note: This feature is part of McAfee Endpoint Encryption for Files and Folders.)</i></p>
<b>McAfee Encrypted USB</b> The full range of McAfee USB storage devices with built-in encryption extend security to your mobile environment by safeguarding data copied and transported on these small, portable devices.	<ul style="list-style-type: none"> <li>• Provides the highest levels of encryption (AES-256) and certifications (FIPS 140-2)</li> <li>• Provides data mobility without compromising security policies</li> <li>• Controls data access with strong, two-factor authentication</li> <li>• Tracks and manages encrypted USB storage devices on a company-wide scale with McAfee ePO infrastructure on select devices</li> <li>• McAfee anti-virus is preloaded on some devices for protection of computers and networks that USB devices plug into</li> </ul>
<b>McAfee Total Protection™ for Data suite</b>	<ul style="list-style-type: none"> <li>• Consists of McAfee Endpoint Encryption for PCs, McAfee Endpoint Encryption for Files and Folders, and McAfee Host DLP (including McAfee Device Control)</li> <li>• Protects your data in use, in transit, and at rest against loss or theft using powerful encryption, strong access control, user behavior monitoring, and policy-driven security enforcement</li> </ul>

McAfee data protection solutions deliver comprehensive protection with integrated, centralized management. These customizable solutions help organizations protect vast amounts of confidential business and compliance-related data today and are easily extensible to meet evolving future security needs as well. Trust McAfee to provide

data protection solutions that will let you stay focused on what you do best: running a successful business.

For more information about McAfee encryption, DLP, and management solutions, please visit [www.mcafee.com/dataprotection](http://www.mcafee.com/dataprotection), or call us at 888.847.8766, 24 hours a day, seven days a week.

