Data Sheet

McAfee Total Protection for Data

Comprehensive data protection anywhere, anytime

Sensitive data is constantly at risk of loss, theft, and exposure. Many times, the data simply walks right out the front door on a laptop or USB device. Companies that suffer such a data loss risk serious consequences, including regulatory penalties, public disclosure, brand damage, customer distrust, and financial losses. According to a recent Ponemon Institute report, seven percent of all corporate laptops will be lost or stolen sometime during their useful life.[1] In addition, the rapid proliferation of mobile devices with large storage capacities and oftentimes Internet access is opening up even more channels for data loss or theft, so protecting sensitive, proprietary, and personally identifiable information must be a top priority.

Key Advantages

- Gain control over your data by monitoring and regulating how employees use and transfer data via common channels, such as email, IM, printing, and USB drives—both in and away from the office
- Stop data loss initiated by sophisticated malware that hijacks sensitive and personal information
- Secure data when it's stored on desktops, laptops, tablets, and other mobile devices
- Prove compliance with advanced reporting and auditing capabilities; monitor real-time events and generate detailed reports that show auditors and other stakeholders your compliance with internal and regulatory privacy requirements

Enterprise-Grade Full-Disk Encryption

Secure your confidential data with an enterprise-grade security solution. McAfee Total Protection for Data uses full-disk encryption combined with strong access control via two-factor preboot authentication to prevent unauthorized access to confidential data on endpoints, including desktops, laptops, USB drives, and more.

Persistent, Transparent Removable Media and File and Folder Encryption

Ensure that specific files and folders are always encrypted, regardless of where data is edited, copied, or saved. McAfee Total Protection for Data features content encryption that automatically and transparently encrypts the files and folders you choose on the fly, before they move through your organization. You create and enforce central policies based on users and user groups for specific files and folders without user interaction.

Data Loss Prevention

Preventing data loss at the endpoint begins with improving visibility and control over your data, even when it is disguised. McAfee Total Protection for Data enables you to implement and enforce company-wide security policies that regulate and restrict how your employees use and transfer sensitive data via common channels, such as email, IM, printing, and USB drives. It does not matter if they are in the office, at home, or on the move. You remain in control.

McAfee Total Protection for Data

To secure your confidential data, McAfee® Total Protection™ for Data provides comprehensive, multilayer data protection. It uses strong encryption, authentication, data loss prevention, and policy-driven security controls to prevent unauthorized access and transfer of your sensitive information—anywhere, anytime.

Centralized Security Management and Advanced Reporting

Use the centralized McAfee® ePolicy Orchestrator® (McAfee ePO™) console to implement and enforce mandatory, company-wide security policies that control how data is encrypted, monitored, and protected from loss. Centrally define, deploy, manage, and update security policies that encrypt, filter, monitor, and block unauthorized access to sensitive data.

[1] *The Billion Dollar Lost Laptop Problem Study,* Ponemon Institute, September 2010.

Features

Enterprise-grade full-disk encryption

- Automatically encrypt entire devices without requiring end-user action or training, or impacting system resources
- Enjoy strong, military-grade encryption
- Identify and verify authorized users using strong multifactor authentication

Removable media encryption

- Automatic, on-the-fly encryption for virtually any mobile storage device, company-issued or not
- Access encrypted data anywhere without the need for any software

Persistent file and folder encryption

- Keep files and folders secure wherever they are saved, including on local hard disks, file servers, removable media—and even as email attachments

Device control

- Monitor and regulate how employees transfer data to removable media—even when they are not connected to the corporate network

Data loss prevention

- Control how users send, access, and print sensitive data at the endpoint, through applications, and onto storage devices: email, webmail, peer-to-peer applications, IM, Skype, HTTP, HTTPS, FTP, WiFi, USB, CD, DVD, printers, fax, and removable storage
- Stop confidential data loss initiated by Trojans, worms, and file-sharing applications that hijack employee credentials
- Protect all data, formats, and derivatives, even when data is modified, copied, pasted, compressed, or encrypted—without disrupting day-to-day activities

Centralized management console

- Use McAfee ePO infrastructure management to specify detailed content-based filtering, monitoring, and blocking of unauthorized access to confidential data
- Manage full-disk, file and folder, and removable media encryption; control policy and patch management; recover lost passwords; and demonstrate regulatory compliance
- Synchronize security policies with Microsoft Active Directory, Novell NDS, PKI, and others
- Prove devices are encrypted with extensive auditing capabilities
- Log data transactions to record such information as sender, recipient, timestamp, data evidence, date and time of last successful login, date and time last update received, and whether the encryption was successful or not

For more information about McAfee data protection, visit www.mcafee.com/dataprotection.

System Requirements

McAfee ePO Server

Operating systems

- Microsoft Server 2003 SP1, 2003 R2

Hardware requirements

- Disk space: 250 MB
- RAM: 512 MB, 1 GB RAM recommended
- CPU—Intel Pentium II-class or higher—450MHz minimum

Desktop and laptop endpoints

Operating systems

- Microsoft Vista
- Microsoft Windows 7
- Microsoft Windows XP Professional SP1 or higher
- Microsoft Windows 2000 SP4 or higher

Hardware requirements

- CPU: Pentium III 1 GHz or better
- RAM: 512 MB recommended
- Disk space: 200 MB minimum
- Network connection: TCP/IP for remote access

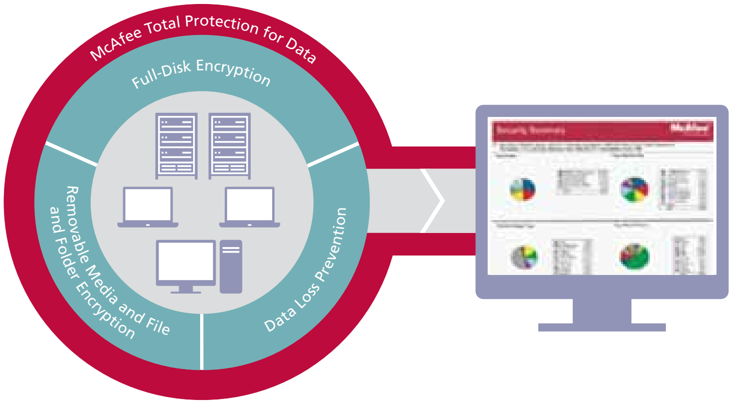
McAfee Total Protection for Data
Full-Disk Encryption
Removable Media and File and Folder Encryption
Data Loss Prevention

Figure 1. McAfee Total Protection for Data.

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