

# McAfee®



Protect what you value.

## Your Mobile Workforce: A Moving Liability

# Introduction

**With the surging popularity of mobile devices and the growing demand for access to information anytime, anywhere, has come an increased need to secure the data stored on these mobile devices.** From traditional laptop computers to the new generation of handheld devices to the small form-factor ‘flash’ or ‘thumb’ drives, the smaller these devices become, the more data individuals want to store on them. And the more data that is stored on these devices and taken outside the physical walls of the company, the greater the threat of data loss or theft.

Most often, companies turn to encryption technologies to protect their information. By encrypting the data stored on laptops and other mobile devices, companies feel a sense of security that their data is safe from unauthorized access if the system or device is lost or stolen.

But securing data at rest is just one piece of a comprehensive mobile security strategy. You also need to control which information can and cannot be copied to a removable storage device or media. You must prevent the unauthorized viewing of data that is validly stored on removable media. And you need to control what actions users can take with specific data—editing, updating, copying, and printing, for example—stored on any corporate laptop, mobile device, or removable media.

How can you implement a complete mobile security strategy from data at-rest on your corporate desktops and laptops to removable storage devices? With mobile security solutions from McAfee®. Thanks to endpoint encryption and data loss prevention (DLP) integrated into our award-winning security management system, you gain complete control over your information and can ensure the security of your mobile workforce.

## Ensure Mobile Workforce Security with McAfee ToPS for Data

McAfee Total Protection (ToPS) for Data enables you to completely secure your confidential data and your mobile workforce. Comprised of McAfee Endpoint Encryption, McAfee Device Control, McAfee Encrypted USB, and McAfee Host Data Loss Prevention—all centrally managed by McAfee ePolicy Orchestrator® (ePO™)—the McAfee ToPS for Data suite brings together network and system threat protection, physical and behavioral controls for

sensitive data, and compliance management in a single, integrated solution. So only authorized users can access your confidential and sensitive data—anytime, anywhere.

### Encrypt Your Data and Control Where It can be Stored or Copied

Using McAfee encryption solutions, you can encrypt, protect, and control the information stored on all your corporate systems and removable devices. Offering two forms of encryption to protect data from unauthorized access when stored or in transit, **McAfee Endpoint Encryption** provides robust, certified, standards-based physical protection for data on every system in your organization. Full-disk encryption helps ensure that information remains secure when stored at-rest on desktops, laptops, tablets, and mobile devices. And using McAfee’s patented Persistent Encryption Technology™, you can encrypt specific files and folders and ensure they remain encrypted regardless of where they are saved.

To control how users copy data onto removable media, such as USB drives, MP3 players, CDs, and DVDs, **McAfee Device Control** lets you monitor and restrict what data can be copied onto these devices. Using McAfee ePolicy Orchestrator® to deploy the software onto your managed endpoints, you define the policies that control which content can and cannot be copied onto which removable storage devices. Then, McAfee Device Control automatically enforces these policies, monitors usage, and blocks any unauthorized attempts to use these devices or transfer data in violation of defined policies. And McAfee Device Control even recognizes your data as yours when it has been modified, copied, pasted, compressed, or encrypted—keeping data within your control and giving you peace of mind that it is safe from unauthorized access.

*“McAfee Total Protection (ToPS) for Data is exactly what we needed. It has excellent monitoring, policy configuration, and data transfer blocking—plus encryption—which is really important for our mobile users.”*

—Craig Williams,  
Information Security Officer for Doe Run Corporation

*“McAfee Endpoint Encryption enables us to comply with Sarbanes-Oxley in this area, but, even more important, protects our confidential data from getting into the wrong hands.”*

—Ricardo Bonenfant,  
Senior Information Security Analyst at Citrix

### Monitor Mobile User Access to Information and Protect Data from Threat of Loss

With **McAfee Encrypted USB**, you can prevent data on these small form-factor USB drives from being viewed by unauthorized individuals, either accidentally or maliciously. McAfee’s powerful encryption technology and strong access controls ensures that information copied and stored on USB storage devices is protected and can only be read by authorized users.

**McAfee Host Data Loss Prevention** (Host DLP) lets you protect data from internal and external data loss threats with comprehensive monitoring, auditing, and control over user behavior across all endpoints. Host-based protection secures data regardless of where users or information go, or whether or not client machines are connected to the corporate network. A key component of McAfee ToPS for Data, McAfee Host DLP lets you monitor and control your critical information—even when the data has been modified from its original form.

### Manage and Audit your Comprehensive Mobile Security Strategy

Even the most elaborate and wide-ranging security strategy is useless without a comprehensive security management console that lets you implement, enforce, manage, and audit your organization’s security policy and all of its components from a single, centralized location. This is where **McAfee ePolicy Orchestrator** (ePO) comes in.

McAfee ePO is the most popular and respected security management technology on the market today, deployed at more than 30,000 companies with nearly 54 million desktops and servers under management. An essential component of McAfee ToPS for Data, and the critical piece of the puzzle that enables you to prove—not just enforce—compliance with internal and external policies, McAfee ePO provides central management of all security applications, delivering comprehensive protection and a complete audit trail for all devices and data, including when, where, and how they were encrypted.

ePolicy Orchestrator			
<ul style="list-style-type: none"> <li>• Centralized management</li> <li>• Comprehensive reporting and auditing</li> </ul>			
Endpoint Encryption	Device Control	Encrypted USB	Host DLP
<ul style="list-style-type: none"> <li>• Powerful full-disk, file, and folder encryption</li> <li>• Strong access control</li> <li>• Synchronized password changes</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive device and data management</li> <li>• Granular controls</li> </ul>	<ul style="list-style-type: none"> <li>• Standard, secure USB flash storage</li> <li>• Driverless zero footprint technology</li> <li>• Two-factor authentication</li> <li>• Secure token services</li> </ul>	<ul style="list-style-type: none"> <li>• Control over internal data transfer</li> <li>• Comprehensive device management</li> <li>• Multilayered protection</li> </ul>

## Conclusion

As the global workforce becomes increasingly mobile, it's more important than ever to protect your information from loss, theft, and unauthorized access. If just one employee loses a laptop, USB drive, or handheld device, or inappropriately accesses sensitive or confidential data, your company could risk a highly public breach incident—and waste countless hours of employee time, lose millions of dollars worth of data, and risk the invaluable loss of customer trust. The ramifications are truly unquantifiable.

With McAfee ToPS for Data, you can implement a comprehensive mobile security strategy that enables you to gain complete confidence of and control over your confidential data. And ensure that enabling the mobility of your workforce remains a boon—rather than a liability—to your organization.

For more information on McAfee Total Protection (ToPS) for Data or McAfee ePolicy Orchestrator (ePO), visit: [www.mcafee.com](http://www.mcafee.com) or call us at 888.847.8766 - 24 hours a day, seven days a week.

## About McAfee, Inc.

McAfee, Inc., the leading dedicated security technology company, headquartered in Santa Clara, California, delivers proactive and proven solutions and services that secure systems and networks around the world.

With its unmatched security expertise and commitment to innovation, McAfee empowers businesses, the public sector, and service providers with the ability to block attacks, prevent disruptions, and continuously track and improve their security. [www.mcafee.com](http://www.mcafee.com)

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