Drive Encryption for HP ProtectTools
McAfee Endpoint Encryption
(Formerly SafeBoot® Device Encryption)

Full Volume Encryption for HP Business Customers

LOSS OF CONFIDENTIAL DATA, INCLUDING INTELLECTUAL PROPERTY, BUSINESS DOCUMENTS, CUSTOMER DATA AND EMPLOYEE RECORDS, IS A PERVERSIVE PROBLEM AMONG ALL COMPANIES. ANY CUSTOMER WHO BUYS A COMMERCIAL PC IS EXPOSED TO PRIVACY LAWS AND POTENTIAL LOSS OF DEVICES. NOW, CUSTOMERS RANGING FROM SMALL BUSINESS TO FORTUNE 1000 ENTERPRISE WHO PURCHASE HP BUSINESSPCS CAN BENEFIT FROM FULL VOLUME ENCRYPTION WITH DRIVE ENCRYPTION FOR HP PROTECTTOOLS. DRIVE ENCRYPTION FOR HP PROTECTTOOLS IS THE CLIENT VERSION OF MCAFEE’S ENDPOINT ENCRYPTION SOFTWARE (FORMERLY SAFEBOOT DEVICE ENCRYPTION) WHICH WAS DESIGNED AND OPTIMIZED BY SAFEBOOT (A MCAFEE COMPANY), SPECIFICALLY FOR HP, AND IS PRE-LOADED ON ALL HP BUSINESS AND PROFESSIONAL NOTEBOOKS AND MOST DESKTOPS AS THE DRIVE ENCRYPTION FEATURE OF THE HP PROTECTTOOLS SECURITY SUITE. IT IS ALSO OFFERED AS AN AFTER MARKET OPTION FOR SELECT BUSINESS DESKTOPS AND WORKSTATIONS.

PRODUCT OVERVIEW

In today’s organizations, mission-critical data travels freely across networked environments and the Internet, and is stored and accessed on PCs (notebooks, tablet PCs, desktops and workstations). Drive Encryption for HP ProtectTools provides a data protection solution by encrypting a PC’s hard drive, ensuring sensitive data remains secure in case of loss or theft of the device. The solution uses strong access control and pre-boot authentication for both users and machines to prevent unauthorized access to PCs. Only after successful authentication can someone decrypt and access the data on the protected hard drive.

STRONG ACCESS CONTROL WITH PRE-BOOT AUTHENTICATION

Drive Encryption for HP ProtectTools protects data using industry-leading, award-winning algorithms such as RC5-1024 and AES-256. Encryption and decryption are performed “on the fly” and are transparent to the end-user with virtually no performance loss and without requiring enduser training. It supports the HP ProtectTools Java Card and TPM chip as authentication methods, in addition to password and biometric authentication, which requires users to both “know something” and “have something” before PCs are allowed to start.

FULL MICROSOFT® WINDOWS VISTA™ 32-BIT AND 64-BIT COMPATIBILITY

Drive Encryption for HP ProtectTools is fully compatible with the following Microsoft Windows versions: Windows Vista 32-bit, Windows Vista 64-bit, Windows XP and Windows Server 2003. In all supported operating systems, Drive Encryption for HP ProtectTools provides full support for hibernation and suspend modes. These operations are handled efficiently with no loss of security. Drive Encryption for HP ProtectTools authenticates both users and machines prior to the PC restarting.

LOCAL, SIMPLE MANAGEMENT

Drive Encryption for HP ProtectTools is managed by the user sitting in front of the machine, right from HP ProtectTools Security Manager, the software console, making it simple and easy to administer a small population of machines. Users who configure Drive Encryption can choose to add additional Windows users as registered pre-boot users. Administrators can also choose to allow other users to administer the Drive Encryption system.

REMOTE MANAGEABILITY

For customers with managed IT infrastructures, remote manageability of Drive Encryption for HP ProtectTools is available from McAfee. The full version of McAfee Endpoint Encryption includes centralized management, auditing, reporting, recovery, revocation, and many other features essential
for managed environments or environments with more than a few users requiring complete data protection. This software provides management of data encryption for both HP and non-HP platforms.

**BACKUP AND RECOVERY SERVICE**

Users can backup keys to a local disk or memory stick or call the HP support number in the case they forget a password or lock out their account. And, they can choose to register their recovery details with Drive Encryption Key Recovery Services (https://reg.safeboot-hp.com). By purchasing a subscription to the online key recovery service, users will be able to:

- View current subscriptions of registered machines
- Recover machines where the password has been forgotten
- Purchase Disaster Recovery packages in the event of a complete system failure
- Speak to a helpdesk engineer 24 x 7 x 365 about the product

**A CLEAR CHOICE OF SECURITY PRODUCT**

Customers who choose HP as their provider have the flexibility to choose their level of security product:

1. Drive Encryption for HP ProtectTools is geared towards the small and mid-market sized customer and is pre-loaded on HP business notebooks, tablets and most desktops. It is also available as an after market option on select business desktops and workstations. It was designed with the single user in mind. It is Full Volume Encryption with strong access control designed for an unmanaged environment. One common administration interface manages all the security products installed on the user’s machine. Customers opting for a centrally managed system can upgrade by purchasing the enterprise version.

2. McAfee Endpoint Encryption, the enterprise version, serves the Fortune 1000 enterprise market. This comes with centralized management which offers administration, deployment, upgrades, auditing, hot revocation and recovery capabilities.

**BENEFITS OF DRIVE ENCRYPTION FOR HP PROTECTTOOLS**

- Customers won’t need to spend valuable time and money looking for a data security solution. HP has already done the work for them. The solution is either pre-installed or available as an after market option.
- Compliance to most data security laws.
- HP customers who opt for a centrally managed system can choose to upgrade to the enterprise version, McAfee Endpoint Encryption. HP customers save with special HP pricing on platforms that include HP ProtectTools.
- Simple management with no complicated server or administration software
- HP ProtectTools Java Card and TPM chip as authentication methods, in addition to password authentication,
- Supports 10 common languages
- Uses multiple standard algorithms such as RC5-1024 and AES-256

**BENEFITS OF MCAFEE ENDPOINT ENCRYPTION**

- Offers easy, centralized management for administration, deployment, upgrades, auditing, hot-recovery, recovery, synchronization and more
- Eliminates the need for hard drive shredding
- Compliance with legislation
- Helps enforce mandatory, company-wide security policies
- Supports Single Sign-On (SSO) and all popular Smart Cards and tokens
- Supports all common languages, keyboards and Windows® OSs
- Uses multiple standard algorithms such as RC5-1024 and AES-256
- Supports 22 common languages

For more information about Data Protection, visit www.mcafee.com/data_protection.