

Overview

Models

HP ProtectTools Version 4.0 (1 User) Software

FH974AA

Introduction

HP ProtectTools Client Security Software Suite helps prevent unauthorized access to your desktop, providing enhanced protection for your PC, data and credentials. It uses industry standards-based technologies to provide an easy-to-use pre-boot security feature, single sign-on convenience, multifactor authentication and more.

HP ProtectTools Security Manager

HP ProtectTools Security Manager brings together all the HP client security modules into a consolidated user interface and underlying architecture. It provides all the HP ProtectTools client security solutions to protect your investment, your assets and your data. Customize and implement the level of security that best meets your requirements.

Other modules of HP ProtectTools include:

Privacy Manager for HP ProtectTools – Chat

Make sure you're talking to the right person with Privacy Manager for HP ProtectTools – Chat. A password, smart card or fingerprint swipe verifies your contact's identity and establishes an encrypted session to help protect your private conversations and lets you transfer files more securely¹.

Privacy Manager for HP ProtectTools – Sign

Digitally sign email with a password, smart card or swipe of your finger. Privacy Manager for HP ProtectTools – Sign creates a verified digital identity that is verified by your authentication to help prevent fraudulent email.

File Sanitizer for HP ProtectTools

Efficiently and effectively deletes individual files, folders and personally identifiable information from your desktop which could otherwise potentially be used to identify, contact, or locate you.

Credential Manager for HP ProtectTools

Credential Manager acts as a personal password vault by automatically remembering your credentials for protected websites, applications, and network resources. Additionally, Credential Manager provides you with the ability to create double protection or multi-factor authentication to help protect against unauthorized access to your critical data by combining your password with other security authentication measures such as fingerprint, smart card, etc.

Drive Encryption for HP ProtectTools

Encryption is important these days as theft of PCs becomes more common. If everything on your hard drive is encrypted, a thief will not be able to read anything. Even if the hard drive is removed and installed on another PC and/or if the hard drive is taken to a data recovery center, everything – data, applications, operating systems – will be virtually unreadable. Drive Encryption for HP ProtectTools is a module of the HP security software suite that gives you the ability to protect your data.

Device Access Manager for HP ProtectTools

In today's open office environments, anyone can walk up to a PC, insert a USB key, writeable disc or other removable media, and copy information from your PC or corporate network. To protect your data and your business, selectively control the use of writable storage devices on all PCs throughout your computing environment. Device Access Manager for HP ProtectTools software helps you make sure only authorized users are able to freely copy and store data.

Java Card Security for HP ProtectTools

Ensure your employees have access to the data they need but an unauthorized user will be locked out using dual-factor authentication through combining an HP Java Card with your password. This utilization of two means of authentication creates



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strong access control to the critical data stored on the PC or accessible within the infrastructure. With Java Card Security for HP ProtectTools software, your IT team can initialize and configure HP ProtectTools Java Cards, set and change PINs and credentials, and support different levels of authorization for various groups of your employees to access their computing systems.

Embedded Security for HP ProtectTools

The TPM Embedded Security Chip uses a root key protected in silicon to enhance access control and protect the data. Using the power of the embedded security chip is another way to strengthen your access control by tying it to your password for stronger authentication. This chip also enhances HP's Drive Encryption along with the Microsoft operating system file and folder encryption, strengthens email digital certificates and supports Vista BitLocker drive encryption. It lays the foundation for authentication of TPM-enabled PCs to the corporate network by providing important client security functionality to help protect against unauthorized access to sensitive user data or credentials.

BIOS Configuration for HP ProtectTools

Bios Configuration for HP ProtectTools provides access to power-on user and administrator password management, easy configuration of pre-boot authentication features, such as smart card, power-on password and the TPM embedded security chip.

¹All parties involved in the encrypted IM session require a fingerprint sensor.

Key Benefits

HP ProtectTools Security Manager

- HP ProtectTools Security Manager allows you to manage the security features from a single user interface, including Privacy Manager, File Sanitizer, Credential Manager, Device Access Manager, Java Card, Embedded Security, Drive Encryption and BIOS Configuration.
- Console provides a simple way to access, view and manage the client security modules of HP ProtectTools software.

Privacy Manager for HP ProtectTools

- Helps protect your private conversations
- Lets you transfer files more securely

File Sanitizer for HP ProtectTools

- Effectively deletes individual files, folders and personally identifiable information from your desktop hard drive

Credential Manager for HP ProtectTools

- Provides ability to create multi-factor authentication or user-defined strengthened security capabilities beyond just password, including:
 - Biometrics
 - Smart card
 - TPM
 - OS Windows password and domain login support capable
 - Virtual Tokens support (USB, Diskette)
- Serves as single sign-on password vault which provides easy access to secured websites and applications, and eliminates frequency of lost or forgotten passwords

Device Access Manager for HP ProtectTools

- Prevents the removal of data and the introduction of viruses into the system from external storage media
- Administrator can disable access to writeable devices for specific individuals or groups
- Available in personal (managed at client level) and enterprise editions

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- Wizard-driven interface simplifies configuration, setup and use.

Drive Encryption for HP ProtectTools

- Encrypted data is virtually unreadable and inaccessible to an unauthorized person
- Helps meet compliance with most data security requirements
- Provides flexibility – you decide what you want to encrypt – select data or the entire hard drive
- Keeps files encrypted on the hard drive and automatically decrypts files as they are used
- Available on dc5800 and dc5850 only

Java Card Security for HP ProtectTools

- Client-based smart card application that can initialize and backup HP ProtectTools Java Card.
- Supports HP patented Java Card pre-boot for enhanced protection against unauthorized access at system startup.
- Smart card-based solution is based on open standards, resulting in easy implementation, integration and maintenance

Embedded Security for HP ProtectTools

- Strong Authentication: TPM Embedded Security Chip – The TPM Embedded Security Chip refers to the Trusted Platform Module (TPM), and integrates the core elements of trust into the subsystem meeting Trusted Computing Group (TCG) 1.2 conformance standards
- Creates a unique root encryption key (random numbers) and stores it in silicon which is extremely difficult to compromise
- Strengthens Drive Encryption for HP ProtectTools by tying the encryption password to the TPM
- File and folder encryption – helps protect local data as well as sharing across the Internet
- Personal Secure Drive: Creates a virtual drive with a password that is TPM-protected so only the user/administrator knows the drive location
- Enhanced access encryption of password for Credential Manager single sign-on password vault
- TPM strengthened encrypted email – Master encryption key for email securely generated and stored by TPM
- Provides TPM 1.2 integration supporting Microsoft Windows Vista Operating System including Vista BitLocker

BIOS Configuration for HP ProtectTools

- Provides an alternative access to BIOS settings formerly only accessible through the pre-boot BIOS configuration utility known as F10 Setup
- BIOS configuration allows authorized users (with administrator rights) to control BIOS settings within the user-friendly Windows environment. Provides authorized users (user rights only) with ability to view BIOS settings.

Compatibility

The HP ProtectTools Client Security Software Suite after market option CD (FH974AA) is compatible with the HP Business Desktop dc5700, dc5750, dc5800, dc5850 and dc7600, Series PCs and the HP rp5700 Point of Sale System. Drive Encryption for HP ProtectTools will function on the HP Business Desktop dc5800 and dc5850 Series PCs only.

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Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

Software Technical Support (90 Days)

HP provides software technical support for HP Software, HP pre-installed third-party software and third-party software purchased from HP and is available through electronic media and telephone, for 90 days from date of purchase.

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