

### Overview

## Models

HP ProtectTools Version 5.0 (1 User) Software

VR893AA

---

## Introduction

HP ProtectTools client security software helps prevent unauthorized access to your computer, 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, full volume encryption, multifactor authentication, encrypted communication 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:

### LoJack Pro for HP ProtectTools

View, manage and track on your registered PCs with LoJack Pro for HP ProtectTools. Helps local authorities perform a physical recovery of your system in case it becomes stolen. If retrieval is not possible, perform remote data deletion so your important and confidential information does not end up in the wrong hands.

### Privacy Manager for HP ProtectTools

Make sure you're communicating with the right person through digitally signed email and documents with Privacy Manager for HP ProtectTools. You can also start an encrypted chat session to help protect your private conversations and transfer files more securely.

### File Sanitizer for HP ProtectTools

Efficiently and effectively deletes individual files, folders and other vulnerable personal information from your computer which could otherwise potentially be used to compromise your security.

### Credential Manager for HP ProtectTools

Credential Manager acts as a personal password vault by automatically remembering your credentials for protected websites 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 logon authentications 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 be unable to gain access to your data. 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 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



### Overview

authentication through combining an HP Java Card with your password. This utilization of two means of authentication creates 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 the HP Drive Encryption password 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. Embedded Security also provides a tool to create totally hidden Personal Secure Drive that cannot be viewed by anyone until decrypted.

---

## 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 and Drive Encryption.
- Console provides a simple way to access, view, backup identities and manage the client security modules of HP ProtectTools software.

### LoJack Pro for HP ProtectTools

- View, manage and report on your registered PCs
- Help local authorities perform a physical recovery of your stolen hardware
- Perform remote data deletion so your important and confidential information does not end up in the wrong hands

### 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 computer 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
- 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

### Overview

- Available in personal (managed at client level) and enterprise editions

### Drive Encryption for HP ProtectTools

- Encrypted hard drive is virtually unreadable and inaccessible to an unauthorized person
- Helps meet compliance with most data security requirements
- Keeps files encrypted on the hard drive and automatically decrypts files as they are used

### Java Card Security for HP ProtectTools

- Client-based smart card application that can initialize and set and change pin number HP ProtectTools Java Card.
- 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
  - 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
- 

## Compatibility

The HP ProtectTools Version 5.0 Client Security Software after market option CD (VR893AA) is compatible with the HP Compaq 6000 Pro Microtower, HP Compaq 6000 Pro Small Form Factor, HP Compaq 6005 Pro Microtower Business PC, and HP Compaq 6005 Pro Small Form Factor Business Desktop PCs.

---

## 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.

---

### Overview

© Copyright 2009 Hewlett-Packard Development Company, L.P.  
All rights reserved.

The information contained herein is subject to change without notice.

Intel and Pentium are U.S. registered trademarks of Intel Corporation. Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.