

HP PROTECTTOOLS

YOU ARE
THE KEY...



...TO YOUR
NOTEBOOK'S
SECURITY.

TECHNOLOGY SPOTLIGHT
HP PROFESSIONAL INNOVATIONS FOR BUSINESS NOTEBOOKS

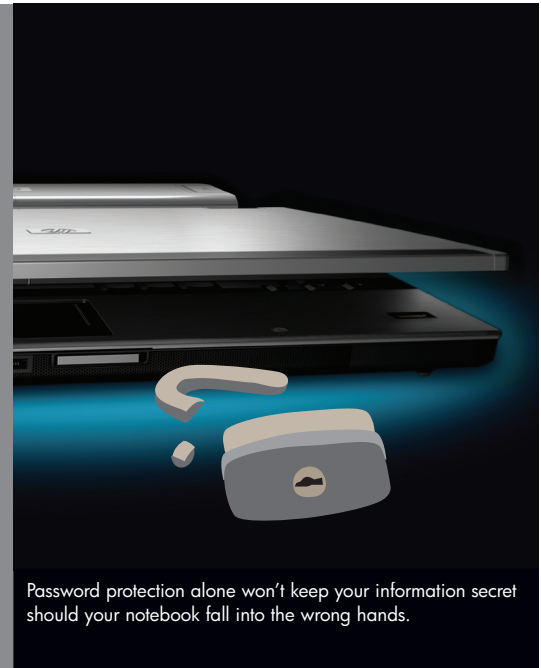


HOW SAFE IS THE DATA ON YOUR BUSINESS NOTEBOOK?

As mobility increases, so does the security risk. If you're like many professionals, your notebook holds sensitive business, customer and personal information. You wouldn't want this information to fall into the wrong hands. But that's always a risk, especially when you travel. Who hasn't heard stories of notebooks disappearing at security checkpoints or getting left behind in taxis?

You can't count on passwords to keep your information secret should your notebook fall into the wrong hands. Without advanced protections, an identity thief might move your hard disk drive to a different computer, and then search it for valuable information.

At HP, we recognize the special security and management challenges that come with notebook computers, and we're working actively to address them. We've done the hard work of understanding the threats, building innovative defenses and integrating those defenses into a complete security solution. At the heart of this solution is the HP ProtectTools software suite.



Password protection alone won't keep your information secret should your notebook fall into the wrong hands.

SIMPLIFY SECURITY WITH HP PROTECTTOOLS.

The HP ProtectTools portfolio brings together the security technologies and features for your HP business notebook. This HP Professional Innovation is designed especially for busy professionals who want security that's easy to set up and easy to use.

With HP ProtectTools, you don't need to read multiple reference manuals or spend hours setting up security applications. Just turn on the notebook, bring up the Setup Wizard for HP ProtectTools and follow the prompts.

So how easy is it to set up HP ProtectTools? Can you spare about five minutes? In many cases, that's all it takes to put HP ProtectTools to work. Just follow this simple three-step process.

STEP 1. SELECT YOUR LEVEL OF SECURITY.

HP Credential Manager

Protect your Windows® account.

Are your desk drawers cluttered with sticky notes containing passwords? With Credential Manager for HP ProtectTools, you no longer need all those sticky notes. Credential Manager can remember them for you. When you enter your credentials, you can tell Credential Manager to save the information for you in its protected vault, and Credential Manager will automatically log you in when you want to access the same websites, applications and networks.



Or for added protection, you can choose to authenticate your identity using the HP Fingerprint Sensor.¹ Never struggle to remember another password again. Just swipe your finger and let HP Credential Manager take care of the details for you.

HP Pre-Boot Security

Protect your system before Windows startup.

Are you concerned that someone might still gain access to your notebook? For a higher level of security select HP Pre-Boot Security. The wizard will automatically change the settings for your basic input output system (BIOS) to protect you should your notebook fall into the wrong hands.

The BIOS controls the routines that allow your operating system to boot up. With HP Pre-Boot Security enabled, access to the Windows operating system is controlled by the BIOS and cannot be bypassed by password-cracking software.

For simplified security, the one-step log-in feature allows you to initiate your log-in in pre-boot. This means you can log in just once and go straight to the Windows operating system—so you can get to working sooner.

HP ProtectTools gives you a choice of security levels. You choose the level that best meets your needs. You simply select your desired level—or multiple levels—of security. Then choose your preferred method for authenticating your identity. The wizard walks you through the rest of the process.

HP Drive Encryption

Protect your data by encrypting your hard drive.

Do you have sensitive data on your notebook, such as bank information, personnel files or confidential correspondence? Then what happens if your notebook is lost or stolen? Even if you have strong access protection, unprotected information on a hard drive can easily be compromised. This could happen if a hard drive was removed from your system and attached to an unprotected system.

If this is a concern, select Drive Encryption for HP ProtectTools. This feature encodes the information on your hard drive to make it unreadable to an unauthorized person. This gives you the confidence that your sensitive information cannot be accessed if your notebook falls into the wrong hands.

Drive Encryption for HP ProtectTools is a standard feature on all HP Business Notebooks, and it is integrated into the HP ProtectTools Security Manager. It also works with HP One-Step Login, so once you set it up the rest is transparent. So why not take advantage of it?

STEP 2. CHOOSE HOW YOU WANT TO LOG IN.

When you enable HP Credential Manager, the Setup Wizard asks you how you want to log in. Certain models offer the HP Fingerprint Sensor or Java™ Card Security for HP ProtectTools. If you select Windows Password and Fingerprint, for example, then the system will allow you to log in using either method.

HP Fingerprint Sensor

When you log in with HP Fingerprint Sensor, you gain the benefits of TruePrint subsurface technology. It looks underneath your fingerprint, beyond any dirt or cuts, to take a more accurate fingerprint. With its sophisticated pattern-matching capabilities, HP Fingerprint Sensor provides very reliable fingerprint matching. And for enhanced durability, the sensor is hermetically sealed beneath a protective coating.

HP ProtectTools Security Manager

Set Security Login Methods

Step 1: Select one or more of the following login methods to access this system:

- ☒  Windows Password
- ☒  Fingerprint
- ☒  HP ProtectTools Java Card

Step 2: If you wish to require all of the above selected methods for login, check the box below. Otherwise, you will be able to login using any one of the selected methods.

☐ A more secure login is desired

[Help](#) [Restore Default Settings](#) [Back](#) [Next](#) [Cancel](#)

HP ProtectTools allows you to easily select how you want to log in: Password, Fingerprint and/or HP ProtectTools Java Card.

STEP 3. CREATE YOUR HP SPAREKEY.



Do you worry that a security solution could potentially lock you out of your own notebook? If you have ever forgotten a computer password, you know the problems that can bring. Work comes to a sudden halt as you search, perhaps frantically, for notes that might contain your password. HP SpareKey helps you avoid this problem.

If you forget your password, HP SpareKey lets you answer three simple personal questions to identify yourself and gain access to your system². For example, "What is your mother's maiden name?" With just a few quick answers, you can get back to work.

THAT'S IT—SECURITY THAT'S AS EASY AS 1, 2, 3.

It's that easy. With those three steps, you've set up and customized the security features in your HP business notebook.




In just a matter of minutes, you've taken big steps to protect your business and personal information—without complicating your life or slowing down your work.

HP ProtectTools Security Manager

Congratulations!

✓ You have set up your system security as summarized below:

Levels of Security Selected:

-  Protects your Windows account
-  Protects your system before Windows Start-up
-  Protects your data by encrypting your hard drive

Use any one of the following methods to log into this system:

- ☒ Windows Password
- ☒ Fingerprint



[Help](#)

[Done](#)



Look for these innovations on HP business notebooks.

LEVERAGE THE POWER OF HP PROFESSIONAL INNOVATIONS.

HP ProtectTools and complementary HP security offerings are among the many innovations that allow HP business notebooks to deliver an enhanced mobile computing experience. Collectively, these innovations increase the security, reliability and ease of use of your HP business notebook—so you can stay productive when you're on the go.

In short, HP ProtectTools and other HP Professional Innovations help keep you going places—fast.

To learn more, visit
www.hp.com/go/professionalinnovations.

AN INTEGRATED SECURITY SOLUTION FOR YOUR HP BUSINESS NOTEBOOK

The integrated HP security solution incorporates the features of the HP ProtectTools suite and other complementary security products.

Protect your investment

| | |
|----------------------------------|--|
| HP ProtectTools suite | Avoid the need for complicated add-on security software. |
| HP ProtectTools Security Manager | Access a wide range of security features via a single screen. |
| Setup Wizard for HP ProtectTools | Set up security easily. Reduce the need for IT or help-desk support. |
| HP SpareKey | Answer easy questions to access your computer if you forget your password ² . Save help-desk calls, time and money. |

Protect your identity

| | |
|--|---|
| Credential Manager for HP ProtectTools | Keep your passwords in a vault. Increase productivity with single sign-on capabilities. |
| HP Fingerprint Sensor | Restrict access to your notebook. |
| Integrated Smart Card reader | Restrict access to your notebook. |
| Privacy Manager | Increase the security of communications via instant messaging and e-mail. |

Protect your data

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| Drive Encryption for HP ProtectTools | Protect the information on your hard drive. |
| File Sanitizer for HP ProtectTools | Permanently delete files from your hard drive. |
| HP Disk Sanitizer | Wipe out all of the data on your hard drive. |
| Device Access Manager | Prevent unauthorized copying of files to removable drives. |
| McAfee antivirus software ³ | Ward off viruses and online attacks. |

To learn more, visit www.hp.com/go/professionalinnovations

1. Available on select HP business and professional-series notebooks.
2. Initial user setup is required.
3. 60-day trial period. Internet access required to receive updates. First update included. Subscription required for updates thereafter.

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