HP Sure Click

Protect your PC from malware that lurks on malicious websites or hides in common files with HP Sure Click.[1] HP Sure Click isolates key applications in their own virtual containers—trapping any malware and deleting it as soon as you close the application.

Modern malware is a major threat

Malware continues to pose a major threat to computer security, for individuals and businesses alike. Traditional antivirus is important, but it relies on recognizing known malware or suspicious patterns, which may not be enough to defeat new or very sophisticated malware attacks.

Trap malware in an isolated container

HP Sure Click helps strengthen security at your PC's most vulnerable entry points using a different approach: application isolation. Rather than trying to recognize malware, it opens un-trusted websites and files in their own isolated virtual containers, called micro-virtual machines (micro-VM). If there is malicious code present, these micro-VMs trick the malware into thinking it's running inside your computer, when in fact it's trapped.

Inside the hardware-enforced micro-VM, malware is unable to affect your PC, access your files, or even get into other browser tabs. When the browser tab or office file is closed, the entire micro-VM is automatically discarded—and the malware trapped within it is deleted. No special training or additional quarantine procedures are needed; just close the browser tab or file, and the malware is gone.

The confidence to browse securely

81 percent of ITDMs agree that the insecure web browser is the primary attack vector.[2] Hackers may use phishing email to link users to malicious sites, or infect "watering holes" that a victim routinely visits.

Stay protected by browsing with HP Sure Click enabled on a supported browser. Because untrusted websites will always be opened in their own isolated micro-VMs, you can explore the Internet safely without having to learn a new browser or deal with restrictive whitelisting. Any malware you may encounter is isolated from the rest of the system and destroyed when the browser tab is closed.

Protection for common files

Malware can also be hidden in seemingly innocent files, downloaded from the web or sent as email attachments. That's why HP Sure Click is extending protection beyond the browser, offering protected viewing for PDFs, Microsoft Word, Microsoft Excel, and Microsoft PowerPoint files.

Unfamiliar files can be opened in read-only mode and protected with the same hardware-enforced isolation that quarantines suspect websites. If the file is compromised, the malware is contained and prevented from infecting the PC. If the file is trusted, users can select "remove protection," and open the file for editing in other applications.

Frequently asked questions

Q: How is HP Sure Click different from other "sandbox" browsers?

A: HP Sure Click creates a complete micro-virtual machine for each separate browser tap or file, tricking the malware into believing it is actually running in your PC. Additionally, HP Sure Click's micro-VMs are hardware-enforced by the CPU, making them more secure. HP Sure Click is even better protected on HP Elite PCs: HP Sure Start Gen4 provides a Hardware Root of Trust for HP Sure Click through its protection of the SMM (which supports virtualization), and the HP Sure Click application can be protected by HP Sure Run (to protect it from being disabled by malware).[3,4]

Q: Can I see the different micro-VMs that HP Sure Click is using?

A: Yes. There is a feature called "Live View" that shows you details about each protected micro-VM that you have open at any time. Live View can be accessed by clicking the HP Sure Click icon in the tray menu.

Q: How do I know if a file or website is trusted or untrusted?

A: In the browser, users can mark websites or domains as trusted using the HP Sure Click Desktop Console. Trusted websites will not be opened in their own protected micro-VM. Files from untrusted websites, email attachments, etc. will be marked with a small blue shield to indicate that they are not trusted. Once you are comfortable they are trustworthy, you can select "Remove Protection" and open the file for editing in other applications.

Q: Does HP Sure Click protect me from every online threat?

A: HP Sure Click protects users from browser-borne malware. However, there are sites that will try to convince users to give up information they shouldn't, using social engineering instead of malware. It is important that users remain vigilant about information they share online.

Q: What email attachments are protected if I'm using HP Sure Click?

A: Currently, HP Sure Click protects PDFs when opened for viewing in the browser tab, and Microsoft Word, Microsoft Excel, and Microsoft PowerPoint files when opened in view-only mode.

Technical specifications

• **Platform availability**:

   HP Sure Click is either preinstalled or available for web download on most HP Pro and Elite PCs

• **OS compatibility**:

   HP Sure Click supports Windows 10

• **Supported browsers**:

   HP Sure Click supports Microsoft Internet Explorer, Google Chrome, and Chromium™

• **Protected file types**:

   PDF, Microsoft Word, Microsoft Excel, and Microsoft PowerPoint[1]

Visit hp.com/go/computersecurity for more information.

1. HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer, Google Chrome, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

2. Ponemon Institute, sponsored by Spikes Security, "The Challenge of Preventing Browser-Borne Malware," February 2015.

3. HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.

4. HP Sure Run is available on HP Elite products equipped with 8th generation Intel or AMD processors.