

HP Designjet HD Scanner

Security features for your HP Designjet HD Scanner software

The HP Designjet HD Scanner offers certain security features. This document explains what features are implemented to protect your scanner.

Introduction

To face the increase in virus and worm attacks, the security of the HP Designjet HD Scanner has been improved by running an embedded version of Windows XP with a firewall preinstalled in the system. Please see the details in this document.

Windows XP Embedded

The scanner touchscreen operates with Windows XP Embedded. As it is a closed operating system, it has certain advantages from the security point of view.

The scanner is more secure and less vulnerable to security problems. It prevents software installations and setting changes that can affect system performance or security.

This also implies that it is no longer possible to install third party software or third party printer drivers. In order to ensure openness to third party applications, we have worked with the main scan and document management applications to ensure that they can interact with our scanner.

Firewall

A firewall is a program that stands between the Local Area Network and the HP Designjet HD Scanner scan software. It is a security measure that prevents virus attacks and unauthorized access to the system.

The installation and configuration of this firewall are completely transparent to the user. To ensure that the system is protected at all times, the firewall cannot be disabled.

File sharing

Only files in the Images folder are shared over the network. File sharing is done through an Apache Web Server, which is more secure than the Windows file-sharing protocol. All files in the Images folder are shared by default, and this cannot be disabled.

If you have Designjet Scanner System version 1.1 or higher, you can access the contents of the Images folder through FTP; and you can password-protect network access to these shared files.

Scanning to network drives is fully supported on the HP Designjet HD Scanner.

Here, instead of the scanner sending files, they are retrieved by the external computers on the network. The computers retrieve the scanned image files from an isolated server on the scanner without gaining access to the scanner's operating system. This is more secure than scanning to network directly, as it reduces the number of ports that you need to have open in the system.



