

How to Pick a Printer That's Hard to Hack

Office printers and multifunctional devices can be easy targets for cybercriminals. If they're connected to the internet, they can be hacked from outside your walls, just like computers and servers. Now that you know, let's get you up to speed on how to harden your defenses.

WHY WOULD CYBERCRIMINALS HACK YOUR PRINTER?

ANSWER: To steal sensitive files and passwords, open a back door to your network, or upload a driver that's actually malware.

3 Ways Your Printer Can Leak Information

- 1 // UNSECURED HARD DRIVES**
When you send a file to a printer or a multifunction device (MFD), it can go into a hard drive. If it's not encrypted, the file can be at risk.
- 2 // UNSECURED PRINTER PORTS**
Hackers can use open printer ports to bypass endpoint detection and trick your network into giving them admin access.
- 3 // UNAUTHORIZED ACCESS**
Without device-based authentication, an unauthorized user could install malware or move laterally into an existing network.

YES, PRINTERS CAN BE HACKED.

In 2022, the CyberNews security team hijacked 27,944 unsecured printers around the world and forced them to print out a guide on printer security.¹

Printer Recommendations for Security: Canon imageRUNNER ADVANCE DX Series




- // Encryption Key Management
- // Encrypted PDF and Secure Print
- // HDD Encryption and Erase
- // Secure Network Communication
- // Embedded Device Management Security Controls
- // Forced Hold Printing
- // Security Information and Event Management Integration
- // Multifunction Authentication (MFA)
- // Automated Certificate Update

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Struggling to Secure Your Printer Fleet?

We recommend Printer Fleet Cybersecurity as a Service. It's designed to implement and maintain security controls on corporate fleets with hundreds or thousands of devices—even different makes and models.



- DEVICE SECURITY
- DOCUMENT SECURITY
- PRINT SECURITY
- CYBERSECURITY
- INFORMATION SECURITY

Canon U.S.A.'s Five Pillars of Security presents a portfolio of cybersecurity products and services in a comprehensive way that groups solutions in functional areas. Device Security is a key component of our Five Pillar approach.

For more information about cybersecurity and Canon U.S.A.'s 5 Pillars of Security contact us today or visit our website at USA.CANON.COM/SECURITY.

¹“We hijacked 28,000 unsecured printers to raise awareness of printer security issues.” CyberNews, October 27, 2022. <https://cybernews.com/security/we-hacked-28000-unsecured-printers-to-raise-awareness-of-printer-security-issues>