



SECURITY TERMS DECODED

imageRUNNER
ADVANCE DX

imagePRESS Lite

imageCLASS X

Term	Definition
Encryption	Process of encoding information so that it cannot be read without a key or algorithm.
FIPS	Federal Information Processing Standard is the latest benchmark for validating the effectiveness of cryptographic hardware.
HDD	Hard Disk Drive is spinning disk data storage hardware used in computers and multifunction printers (MFPs).
IEEE 2600	Institute of Electrical and Electronics Engineers (2600) provides industry standards to guide manufacturers or end users of hard-copy devices (such as MFPs or printers) in the installation, configuration, or usage of these devices and systems.
IPSec	Internet Protocol Security (IPSec); a network protocol suite that authenticates and encrypts the packets of data sent to and from a networked printer or MFP.
NIST	The National Institute of Standards and Technology is an agency of the United States Department of Commerce whose mission is to promote data and information privacy and security.
NTLM	New Technology LAN Manager is a suite of Microsoft security protocols that provides authentication for users' identities.
POP	Post Office Protocol is an application-layer Internet standard protocol used by devices and applications to retrieve email from a mail server.
Root of Trust	Set of functions trusted by the operating system to verify validity of code.
SIEM	Security Information and Event Management is a reporting and analysis solution that provides network administration with insights into their network activity. Alerts can be configured to notify administrators of potential issues or threats.
SMB 3.1.1	Server Message Block is a protocol that provides a way for applications to read and write to files and request services from server programs and printers.
SMTP	Simple Mail Transfer Protocol is a TCP/IP protocol used in sending and receiving email.
SSD	Solid State Drive is flash memory data storage hardware used in computers and multifunction printers.
SSL	Secure Sockets Layer is a standard security technology for establishing an encrypted link between a server and a client.
TLS	Transport Layer Security is a cryptographic protocol that provides end-to-end security of data sent between applications over the Internet.
TPM	Trusted Platform Module is a microcontroller chip within the device that provides secure cryptographic keys.



1-844-50-CANON | usa.canon.com/business

This document contains basic definitions of commonly used security industry terms in the context of the MFP market. These terms and concepts have many layers so you should perform your own research and conduct your own due diligence concerning the topics described herein. Canon USA and Canon U.S.A. does not make any warranties concerning the accuracy or completeness of the opinions, data, and other information contained herein and, as such, assume no liability for any errors, omissions, or inaccuracies herein, or for an individual's or organization's reliance on such opinions, data, or other information. Canon, imageRUNNER ADVANCE DX, imagePRESS Lite, and imageCLASS X are registered trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. All other referenced product names and marks are trademarks of their respective owners. Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon USA and Canon U.S.A. does not warrant that use of its features will prevent security issues. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance. Specifications and availability subject to change without notice. Not responsible for typographical errors.

©2025 Canon U.S.A., Inc. All rights reserved.

01/25-0201-10111