

SECURITY HIGHLIGHTS



HELP PROTECT YOUR PRINT ENVIRONMENT

With confidential data regularly moving on a desktop, mobile device, and printer/MFP, it's important to help protect the print environment. Canon's imageCLASS printers and MFPs offer a wide variety of security features that can provide a layer of protection to help facilitate the confidentiality, accessibility, and availability of sensitive information.*



DEVICE SECURITY FEATURES

Canon imageCLASS devices can authenticate through standard Department ID Management or the optional uniFLOW (server-based or cloud-based) solution so only approved users can access the device and its functions. Both features can control device access, restrict function use, and oversee usage behavior. uniFLOW is implemented at the fleet level and offers users to log in via a PIN or an HID card. It can also be used to restrict unauthorized access; set user- and job-level rules; and deliver rich, real-time reporting insights to enable better control. Verify System at Startup is a process to help verify the validity of the device firmware and Application Library from unauthorized modifications.



DOCUMENT SECURITY FEATURES

Canon offers many ways to help limit access to documents managed by Canon hardware and software technologies, including Secure Print and Pull-Print,** Send-to-Myself Only, Fax Forwarding, and Fax Destination confirmation.



DATA SECURITY FEATURES

Canon imageCLASS devices don't have a built-in hard disk drive (HDD); this helps ensure that print job data is only stored in short-term memory and is automatically deleted when the job is complete, device power is shut off, or the job times out. This greatly minimizes the risk of critical data loss at the printer.



NETWORK SECURITY FEATURES

Standard network security features include the ability to set up the device to allow only authorized users and groups to access and print to the device. This helps limit device communications to designated IP/MAC addresses and controls the availability of individual network protocols and ports. Canon imageCLASS devices offer IPSec, a protocol for facilitating the security of IP packets sent and received over an IP network by helping to protect from threats such as theft, modification, and impersonation. The Wireless LAN is IPv6 compliant and supports the latest wireless encryption standards, including WEP, WPA, and WPA2.

* Not all features discussed are supported on all models and some features are optional. Please see page two of this document for features available by model.

** Pull-print requires uniFLOW. Check page two for compatible models.

PRODUCTS											
SECURITY FEATURES	MF1538C	MF1127C	MF1643i/iF II	MF1238 II	LBP352dn	LBP351dn	LBP325dn	LBP1238 II	LBP1538C	LBP1127C	
DEVICE SECURITY (AUTHENTICATION)											
Device-Based Authentication (Department ID)	Standard										
Device-Level Log-in (Administrator)	Standard										
Server-Based Authentication (uniFLOW)	Optional										
Cloud-Based Authentication (uniFLOW Online)	Optional										
Verify System at Startup	Standard				N/A			Standard			
DOCUMENT SECURITY											
Encrypted Secure Print	Standard	N/A			Optional			N/A	Standard	N/A	
Send to Myself (Only)	Standard				N/A						
Encrypted PDF	Standard	Optional	Standard	Optional	N/A						
Digital Signature PDF	Standard	Optional	Standard	Optional	N/A						
Fax Forwarding	Standard				N/A						
Fax Destination Confirmation	Standard				N/A						
DATA SECURITY											
Print job data stored only in short-term memory	Standard (No Hard Drive)										
NETWORK SECURITY											
IP/MAC Address Filtering	Standard										
Port Filtering	Standard										
TLS Version Selection	Standard										
TLS Encryption	Standard (~1.3)	Standard (~1.2)	Standard (~1.3)		Standard (~1.2)			Standard (~1.3)		Standard (~1.2)	
USB Block	Standard										
Destination Restriction	Standard				N/A						
IPSec	Standard										
IEEE802.1x	Standard	Standard (Wired Only)						Standard	Standard (Wired Only)		
MAIL SERVER SECURITY											
POP Authentication Before SMTP	Standard				N/A						
SMTP Authentication	Standard				N/A						



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