

SECURITY HIGHLIGHTS



HELP PROTECT YOUR PRINT ENVIRONMENT

With confidential data being handled on different types of devices, it's important to cover all the bases when printing. Canon's imageCLASS X, MegaTank, MAXIFY GX, and imageFORCE printers and multifunction devices 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 X and imageFORCE devices can authenticate through standard Department ID Management. With optional uniFLOW (server-based or cloud-based) solutions, only approved users can access the device and its functions on the imageCLASS X, MegaTank, MAXIFY GX, and imageFORCE models. Both features can control device access, restrict function use, and oversee usage behavior. uniFLOW is implemented at the fleet level and allows 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 X, MegaTank, MAXIFY GX, and select imageFORCE 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 helps to greatly minimize 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 X, MegaTank, MAXIFY GX, and imageFORCE 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, WPA2, and WPA3.

* Not all features discussed are supported on all models and some features are optional. Please see page 2 of this document for features available by model.

** Pull-print requires uniFLOW. Check page 2 for compatible models.

	PRODUCTS												
	Laser MFP				Laser SFP							Inkjet	
SECURITY FEATURES	imageCLASS X MF1538C II	imageFORCE C1333F	imageFORCE 1643/1643F	imageFORCE 1440F	imageCLASS X LBP1538C II	imageCLASS X LBP1871/1861	imageCLASS X LBP325dn	imageFORCE 1440P	imageFORCE C1333P	imageFORCE C1935P	imageFORCE 1643P	MegaTank GX7120X	MAXIFY GX5520X
DEVICE SECURITY (AUTHENTICATION)													
Device-Based Authentication	Standard											N/A	
Device-Level Log-in	Standard											N/A	
Cloud-Based Authentication*	Optional												
Verify System at Startup	N/A	Standard			N/A		N/A	Standard			N/A		
Verify System at Startup with Automatic Recovery	Standard						N/A	Standard			N/A		
Trellix™ Embedded Control	Standard					Standard	N/A			Standard		N/A	
DOCUMENT SECURITY													
Encrypted Secure Print	Standard						Optional	Standard			N/A		
Send to Myself	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						Standard	N/A	
Fax Destination Confirmation	Standard				N/A						Standard	N/A	
DATA SECURITY													
Print job data stored only in short-term memory	Standard												
NETWORK SECURITY													
IP/MAC Address Filtering	Standard											IP Address: Standard MAC Address: N/A	
Port Filtering	Standard											N/A	
TLS Version Selection	Standard											N/A	Standard
TLS Encryption	Standard (~1.3)						Standard (~1.2)	Standard (~1.3)					
USB Block	Standard										N/A	Standard	
Destination Restriction	Standard				N/A								
IPSec	Standard												
IEEE802.1x	Standard						Standard (Wired Only)	Standard					
MAIL SERVER SECURITY													
POP Authentication Before SMTP	Standard				N/A						Standard	N/A	
SMTP Authentication	Standard				N/A						Standard	N/A	

*Requires optional uniFLOW Online



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