

## 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, and MAXIFY GX 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 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, and MAXIFY GX 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, and MAXIFY GX 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 X, MegaTank, and MAXIFY GX 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 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	MF1538C II	MF1333C	MF1643i/iF II	MF1440	LBP1538C II	LBP1333C	LBP1871/1861	LBP325dn	LBP1440	GX7120X	GX5520X
<b>DEVICE SECURITY (AUTHENTICATION)</b>											
Device-Based Authentication	Standard									N/A	
Device-Level Log-in	Standard									N/A	
Server-Based Authentication	Standard	Optional			N/A	Optional				N/A	
Cloud-Based Authentication	Optional										
Verify System at Startup	N/A	Standard			N/A	Standard		N/A	Standard	N/A	
Verify System at Startup with Automatic Recovery	Standard		N/A	Standard		Standard		N/A	Standard	N/A	
Trellix™ Embedded Control	Standard	N/A			Standard	N/A	Standard	N/A			
<b>DOCUMENT SECURITY</b>											
Encrypted Secure Print	Standard		N/A	Standard	Standard			Optional	Standard	N/A	
Send to Myself	Standard				N/A					N/A	
Encrypted PDF	Standard	Optional	Standard	Optional	N/A					N/A	
Digital Signature PDF	Standard	Optional	Standard	Optional	N/A					N/A	
Fax Forwarding	Standard				N/A					Standard	N/A
Fax Destination Confirmation	Standard				N/A					Standard	N/A
<b>DATA SECURITY</b>											
Print job data stored only in short-term memory	Standard									Standard	
<b>NETWORK SECURITY</b>											
IP/MAC Address Filtering	Standard									IP Address: Standard MAC Address: N/A	
Port Filtering	Standard									N/A	N/A
TLS Version Selection	Standard									N/A	Standard
TLS Encryption	Standard (~1.3)							Standard (~1.2)	Standard (~1.3)	Standard (~1.3)	Standard (~1.3)
USB Block	Standard									N/A	Standard
Destination Restriction	Standard				N/A					N/A	N/A
IPSec	Standard									Standard	Standard
IEEE802.1x	Standard	Standard	Standard (Wired Only)	Standard	Standard			Standard (Wired Only)	Standard	Standard	Standard
<b>MAIL SERVER SECURITY</b>											
POP Authentication Before SMTP	Standard				N/A					Standard	N/A
SMTP Authentication	Standard				N/A					Standard	N/A



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