Canon

imageCLASS

# 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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