Your organization relies on complex networks of connected people, processes, and technology to get the job done. And securing data is more important than ever before. Your multifunction printers are an integral part of this connected network helping to safeguard sensitive information, protect employee and customer data, and assist in your regulatory compliance efforts. With built-in and frequently updated security features, the Canon imageRUNNER ADVANCE Series can help you gain high levels of control over your MFPs, your network communications, and your documents.
Advanced security features for your MFPs—many standard and all consistent across the product line for peace of mind.

**CONTROL DEVICE ACCESS**
Using a host of flexible authentication methods, administrators can control who has access to the MFP and to which features. This can be done using a PIN, username and password, or card log-in (with the addition of an optional card reader). Restrictions, such as access to color copying and scanning functions, can be applied by individual, group, or through customized roles. You can also define whether to allow unregistered users, such as visitors, to log in as guests and then specify their level of access.

**CONTROL ACCESS TO ADMINISTRATION SETTINGS**
Device configurations, such as network settings and other control options, are available only to users with administrator privileges, enhancing security by helping to prevent intentional or accidental changes to device functions and permissions. Administrators can set requirements for passwords, such as expiration period, lockout time, and complexity. They can even access the device remotely with comprehensive control, from changing permissions to monitoring activity—even turning on or off devices, or locking down specific equipment or functions.
CENTRALIZED SECURITY SETTINGS

Security settings can be configured from a centralized location, password protected, and accessible only to authorized users. This gives organizations the ability to separate security administration and device administration, reserving access to certain controls to security professionals. Security policy settings can be monitored at regular intervals, with notifications set to alert administrators when changes are made. After establishing these settings, an administrator can use device management tools to export across other devices in the fleet, building consistent security settings system-wide with little time and effort.

YOUR VALUABLE DATA

imageRUNNER ADVANCE models provide standard support for HDD Encryption, leveraging a cryptographic module that complies with the FIPS 140-2 security standard. This helps protect sensitive information stored on the hard drive. The system also includes robust data erase features that can overwrite previous data as a part of routine job processing as well as initialize and permanently erase all data at the end of equipment life. Hard Disk overwriting can be performed on demand or scheduled, and a confirmation report can be provided.*

imageRUNNER ADVANCE models feature the ability to help verify that the device boot process, firmware, and applications initialize at startup, without any alterations or tampering by malicious third parties. During operation, McAfee Embedded Control utilizes a whitelist to protect against malware and tampering of firmware and applications.**

* HDD Erase Scheduler with confirmation report is optional.
** Supported on third generation imageRUNNER ADVANCE (1st, 2nd, and 3rd edition) and imageRUNNER ADVANCE DX models only. McAfee Embedded Control requires Unified Firmware Platform v3.9 or greater.
CONTROL YOUR NETWORK COMMUNICATIONS

A range of security solutions to help keep data safe from internal and external attacks as it travels the network.

ENCRYPT NETWORK TRAFFIC

imageRUNNER ADVANCE models include several security features to help protect data it sends across the network. IPsec (Internet Protocol Security) safeguards the exchange of data at the communications level by encrypting inbound and outbound network traffic, confirming sender identity, and helping ensure unaltered transmission receipt. TLS 1.3 (Transport Layer Security) encryption further prevents access to, and tampering of, data being exchanged, helping keep information safe in transit.
NETWORK CONNECTIONS
Canon imageRUNNER ADVANCE systems support the IEEE 802.1x protocol, providing authentication to network devices and establishing a closed connection. The protocol is designed to help keep unwanted users from connecting to the network, whether they use a wired connection or mobile device.

INTEGRATES WITH SIEM SYSTEMS
Security Information and Event Management (SIEM) systems can be valuable tools, providing network administrators with real-time, comprehensive insights into their network activity. The imageRUNNER ADVANCE platform is built to integrate with your existing SIEM infrastructure, communicating directly with these third-party tools to help deliver insights into your print environment. Administrators can set up alerts to be notified of potential issues such as failed authentication attempts, changes in settings, new applications, and more. This communication between imageRUNNER ADVANCE MFPs and SIEM systems can provide visibility into potential threats to your network and printers.
KEEPING DOCUMENTS IN THE RIGHT HANDS

All organizations deal with sensitive documents. Should documents get into the wrong hands, consequences can range from damaged reputation to heavy fines or even legal action. Sensitive and confidential information—including employee records, customer information, and proprietary intellectual property—is vulnerable when left unattended in output trays. To avoid having such documents left at the printer, users can create a PIN that must be entered at the device to release the job. Or administrators can require that users log in before printing their jobs using one of the various authentication methods.
WORKFLOW SECURITY

Whether by human error or with harmful intent, everyday office workflows can lead to misdirected information, potentially causing serious security issues. imageRUNNER ADVANCE devices have several features that can help—all easy to use and under the administrator’s control. Scan destinations can be restricted for all users or certain groups, such as guests, limiting the ability to send documents to those recipients in a specific address book or domain. For even higher levels of control, users can be allowed to send documents only to themselves. Address books can be kept confidential to help protect private details and password protected so that information can be added, edited, or deleted only by authorized users.

For fax transmissions, incoming documents are stored in a proprietary format that helps protect them from malicious activity. Legitimate incoming faxes can be directed to specific mailboxes—or protected by PIN—under the administrator’s control. The destination of outgoing faxes can be limited and controlled as well.

PROTECT YOUR PDFS

PDFs often represent some of the most confidential documents in an organization, with the format often used for contracts, reports, proposals, financial statements, and similarly sensitive information. The built-in* Encrypted PDF feature supports various levels of encryption for enhanced security when sending these documents. Permissions and passwords can be included to control who can open, read, or print the file. To help ensure the legitimacy of highly sensitive documents, users can add digital signatures to verify document source and authenticity. This signature can be viewed through the document properties or displayed prominently on the PDF’s pages.

CLOUD CONTENT MANAGEMENT

Important business information can be stored in various locations within an organization. Workflow technology that can simplify communication and provide security features is a top priority. Canon’s strong integration with Box and mxHero** offers customers powerful, cloud-based capabilities to address many issues that often come with sending and receiving large files, including the need for security features and high costs related to email storage. As emails pass through mxHero, the body and attachments can be automatically routed to an access restricted and indexed cloud storage account, such as Box—transforming inboxes from bulky and potentially vulnerable to lightweight and controlled. Box solutions provide users with an array of security features, including the ability to restrict when files can be accessed and by whom.

* Standard on third generation imageRUNNER ADVANCE (2nd, and 3rd edition) and imageRUNNER ADVANCE DX models only. Optional on third generation imageRUNNER ADVANCE 1st edition models.
** Box and mxHero integration requires optional solutions.
## SECURITY FEATURES

### Device Management
- **Verify System at Startup**: Standard (Third generation imageRUNNER ADVANCE (3rd edition) and imageRUNNER ADVANCE DX models)
- **McAfee Embedded Control**: Standard (Third generation imageRUNNER ADVANCE (3rd edition) and imageRUNNER ADVANCE DX models)

### Security Management
- **Security Policy Settings**: Standard
- **SIEM Integration**: Standard

### Authentication
- **Active Directory/SSO**: Standard
- **Universal Login Manager**: Standard
- **uniFLOW Online Express**: Standard
- **uniFLOW/unifiFLOW Online**: Optional
- **Proximity Card or CAC/PIV**: Optional

### Access Control
- **Password Protected System Setting**: Standard
- **Access Management System**: Standard
- **USB Block**: Standard

### Data Security
- **TPM (Trusted Platform Module)**: Standard
- **Hard Drive Password Lock**: Standard
- **Hard Drive Data Format (EOL)**: Standard (9x)
- **Hard Drive Erasure**: Standard
- **Hard Drive Erase Scheduler MEAP**: Optional
- **Hard Drive Data Encryption**: Standard (FIPS 140-2 Validated)
- **Hard Copy and System Security**: Optional (IEEE2600 Common Criteria)*
- **Removable Hard Drive Kit**: Optional/NA**

### Document Security
- **Secure Print (Driver Based)**: Standard
- **Encrypted Secure Print (Driver Based)**: Standard: Third Generation imageRUNNER ADVANCE (2nd/3rd edition) and imageRUNNER ADVANCE DX models.***
- **Secure Print (Server/Cloud)**: Optional
- **Secure Watermark**: Standard: Third Generation imageRUNNER ADVANCE (2nd/3rd edition) and imageRUNNER ADVANCE DX models.***
- **Mail Box Security**: Standard
- **Encrypted PDF (AES 256 support)**: Standard: Third Generation imageRUNNER ADVANCE (2nd/3rd edition) and imageRUNNER ADVANCE DX models.***
- **Device Digital Signature PDF**: Standard: Third Generation imageRUNNER ADVANCE (2nd/3rd edition) and imageRUNNER ADVANCE DX models.***
- **Document Scan Lock**: Optional/NA*

### Network Security
- **Port Management, IP Address & MAC Filtering**: Standard
- **IPSec**: Standard
- **Cipher Algorithm Selection**: Standard
- **TLS 1.3 Support and SSL3.0 Disabled**: Standard

### Certifications
- **Common Criteria IEEE 2600**: Optional*
- **FIPS 140-2**: IPSEC/CAC/PIV/HDD Encryption/TLS

---

* IEEE 2600 kits may not be available at the same time of product release; check with your Canon Solutions America sales representative for availability.

** Not available with the imageRUNNER ADVANCE 715iF/615iF/525iF/C356iF/C475iF Series.

*** Not available with the imageRUNNER ADVANCE 715iF/615iF/525iF/C356iF/C475iF Series.

---

For more information, call 1.800.815.4000 or visit CSA.CANON.COM/ENTERPRISESOLUTIONS

---

Canon U.S.A. and Canon Solutions America do not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21, or the USA Patriot Act. Each customer must have their own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance. Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon 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. Canon U.S.A., through its subsidiary CIIS, has strategic partnerships with Box and mxHero. Third-party SIEM system required. Subject to third-party SIEM system terms and conditions. Canon cannot ensure compatibility with all third-party SIEM systems. As an ENERGY STAR Partner, Canon U.S.A., Inc. has certified these models as meeting the ENERGY STAR energy efficiency criteria through an EPA recognized certification body. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Canon, imageRUNNER, uniFLOW, and the GENUINE logo are registered trademarks or trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. McAfee and the McAfee logo are registered trademarks of McAfee LLC in the US and/or other countries. All other referenced product names and marks are trademarks of their respective owners. All screen images are simulated. Additional features presented in this brochure may not apply to all Series and/or products and may be optional; please check with your Canon Solutions America sales representative for details. Products shown with optional accessories. Specifications and availability subject to change without notice. Not responsible for typographical errors. ©2020 Canon U.S.A., Inc. All rights reserved.

---

CSS-20-0488-4378
0620R4-CSA0X3B-PDF-8H