Canon

Advanced Solutions for Healthcare Providers

Simplified Print Infrastructure

Controlled Access to Information
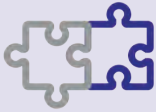
Workflow Automation

Consolidation, regulatory pressures, and increased emphasis on value-based care models in healthcare have challenged non-acute and acute environments to rethink the technology they use to deliver care. Solutions that support organizational long-term goals, drive change, and deliver valuable insights and analytics can play an important role in helping healthcare organizations evolve.

HARDWARE THAT CONNECTS

Healthcare offices and facilities need hardware that integrates with existing information management systems. Canon imageRUNNER ADVANCE DX and imagePRESS Lite devices connect with compatible EPIC, Cerner®, and other EHR systems as well as numerous administrative applications commonly used in healthcare environments. Both series are built on a Unified Firmware Platform that's regularly updated to support evolving needs.

Automate Manual Processes
Standard one-touch workflows and optional software help automate redundant processes and reduce administrative burden.

Healthcare Compatible
Works with compatible EHR, administrative, and revenue cycle management systems.

Help Safeguard Valuable Data
Multiple standard and optional security features align with the NIST* Cybersecurity Framework.

Environmentally Conscious Design
ENERGY STAR® qualified and EPEAT registered to support sustainability initiatives.

Low-Touch Printing
Scan, print, and send with limited touchpoints on the MFP through the Canon Print Business App.

Digitize Paper Documents
Capture, process, and distribute insurance paperwork, lab results, etc., right at the MFP.

* National Institute of Standards and Technology
Devices shown with optional accessories.

SIMPLIFY PRINT INFRASTRUCTURE

Significant IT resources are utilized to support complex print infrastructure in large healthcare organizations. Canon solutions can help simplify printing processes and reduce costs without compromising clinical and administrative workflows.

Award-winning Technology

Featuring a robust portfolio of color and monochrome devices, Canon's imageRUNNER ADVANCE DX and imagePRESS Lite devices can be easily configured for simple, one-touch workflows in physician offices, ambulatory surgery centers, skilled nursing facilities, and other healthcare environments. Recognized as the most reliable A3 brand in the industry by Keypoint Intelligence,* these imageRUNNER ADVANCE DX devices have an intuitive user interface, built-in training modules, and remote monitoring tools that help support predictive maintenance backed by comprehensive customer support.

Only 6 misfeeds in 4,445,000 pages and **only 2** minor service calls in **5 years** across **23 devices**.*

Reach for the Cloud

Scaling back or eliminating costly print infrastructure can help hospitals and health systems save time, money, and valuable IT resources. Canon's output management solution, uniFLOW Online, helps organizations transition to the cloud gradually or immediately. This solution empowers administrators to add, delete, and change print devices with a Universal Output Queue feature that reduces the need to manage and update costly print servers and print drivers. In Microsoft® Azure environments, uniFLOW Online complements the Microsoft Universal Print feature.

Mobile and Touchless Printing

With the Canon Print Business App, users can operate imageRUNNER ADVANCE DX and imagePRESS Lite devices remotely through the interface on compatible smartphones or tablets without having to touch the device control panel. When optional uniFLOW Online technology is added, the uniFLOW Online Print & Scan App holds sensitive information until it's released by an authorized individual. After authentication at a supported device, the uniFLOW Online Print & Scan App lets users print, scan, copy, and send anywhere within a networked facility.

Make the Most of Technology Investments

With optional uniFLOW Online software, Canon devices can support the creation of customized scan workflows that automatically detect scanned document type and extract data (with appropriate validations) for distribution to compatible clinical and administrative repositories, including Electronic Health Record (EHR) systems and revenue cycle management applications. imageRUNNER ADVANCE DX devices also print from EHRs via multiple Cerner certified models and the uniFLOW Online Epic Connector. Canon's proprietary Multifunctional Embedded Application Platform (MEAP) enables integration with Kofax ControlSuite, PrinterLogic, LRS, and other print management software to enable printing and scanning as well.

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 * Keypoint Intelligence conducts hands-on testing of A3, A4, scanner, production, and wide-format devices as well as software solutions from all major vendors to identify category leaders. BLI Reliability Award from Keypoint Intelligence based on devices tested from 2017 through 2021.

** Available print/finishing options through the Canon Print Business App include Output Size, Copies, Print Range, Paper Source, Select Color Mode, Simplex or Duplex, Staple, and 2-on-1 depending on the device model and settings. Supported scan file types: PDF,* JPEG, TIFF, OOXML (pptx), OOXML (docx), XPS.

CONTROL ACCESS TO VALUABLE DATA[2]

Personal Health Information (PHI) and Personally Identifiable Information (PII) such as medical diagnoses and health insurance details stored in administrative repositories are vulnerable to unauthorized access. Limiting access to this critical data through Zero Trust cybersecurity models* can help mitigate risk.

Support Cybersecurity Best Practices[1,2]

Canon imageRUNNER ADVANCE DX and imagePRESS Lite devices can support an organization's efforts to implement the NIST Cybersecurity Framework (NIST CSF) by limiting who can see personal health information (PHI) and other sensitive data.

- **Authentication and Access Control** options accommodate card- and password-based systems, including proximity cards and CAC/PIV.

- **A Trusted Platform Module (TPM)** chip in each device protects encryption of confidential information, including passwords, user certificates, and more.

- **McAfee Embedded Control software** utilizes a whitelist to help protect against malware and the tampering of firmware and applications.

- **Verify System at Startup** verifies that the device boot process, firmware, and applications initialize at startup to identify alterations or tampering.

- **SIEM Integration** helps include printers in security monitoring for a comprehensive view of network vulnerabilities.

- **Backup/Recovery** features help administrators back up and restore the data and settings on Canon devices.

For a more comprehensive overview of security features on Canon imageRUNNER ADVANCE DX devices, review the *Canon Cybersecurity White Paper: Guidance for Canon Printer/Multifunction Device Functionality in Support of NIST SP 800-171 and NIST SP 800-172*.**

See individual product brochures for a complete list of standard and optional security features, activation, requirements, and UFP version compatibility.

* Zero Trust is a security framework that assumes all users, both inside or outside an organization's network, must be authenticated, authorized and continuously validated before being granted or keeping access to applications and data.

** https://s7d1.scene7.com/is/content/canon/NIST-Security-White-Paper-Healthcarepdf

▲ Can be activated on any imageRUNNER ADVANCE DX and imagePRESS Lite device with the latest firmware.

▲▲ Subscription to Canon Office Cloud services subject to verification of qualifications.

Limit Access to Sensitive Documents

Sensitive information left on output trays can pose potential security risks. Canon imageRUNNER ADVANCE DX devices feature a sensor that delivers an audible signal when documents are left behind. In addition, Canon's integration with uniFLOW Online Express, a device-standard▲ solution, offers convenient user authentication and an information-packed, centralized dashboard with insights into print activity. Upgrade to an optional uniFLOW Online solution for full reporting, job routing, and the ability to control and manage a whole fleet of devices.

FedRAMP Authorized Cloud Security

FedRAMP

Authorized to operate by the Federal Risk and Authorization Management Program (FedRAMP), Canon Office Cloud provides cloud-based, centralized control of output and device management for organizations that handle data subject to government rules and regulations. Canon Office Cloud helps reduce the capital and operating expenses associated with on-premise servers, software upgrades, and required personnel performing fleet management duties while providing continuously monitored security.▲▲

Canon Office Cloud▲▲

Secure Printing
Secure printing and scanning, with log-in at device.

Print Device Management
Set up users, support remote workers, and check firmware.

Fleet Audit and Management
Centrally monitor and report on all print devices.

Document Workflow
Capture and distribute documents.

Cost Control
Help lower print, overhead, and maintenance costs.

TRANSFORM THE WAY YOU WORK

As healthcare organizations downsize, consolidate, or adapt to new ways of delivering care, forward-thinking leaders should identify ways to optimize the use of technology, automate manual processes, and work smarter. Canon solutions can support group practices, urgent care centers, integrated delivery networks, and healthcare-at-home initiatives to help transform document management and workflow processes.

Reduce Administrative Burden

Healthcare organizations of all sizes can benefit from software that features role-based access controls and automatic retention policies while enabling one-click automated filing, search, and retrieval of health insurance paperwork, referrals, invoices, employee records, and more. Therefore™—Canon's information management, workflow, and business analytics platform—works with existing systems or as a stand-alone solution to capture structured and unstructured documents. This solution can store digitized files; support the creation of patient portals for web-based patient intake; and create parallel workflow paths, escalation routes, and exceptions for processes related to business associate agreements (BAAs), credentialing, and more. Therefore Online, powered by Microsoft Azure, can also connect to common analytics platforms to create dynamic reports that can be shared across departments and offices.
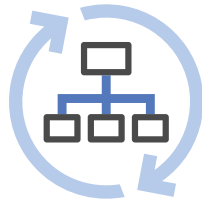
Accelerate Automation of Manual Tasks

With IRISPowerscan™, Canon's all-in-one capture and classification platform,* healthcare staff can automate the classification of insurance forms, purchase orders, correspondence, etc. through barcodes, Optical Character Recognition (OCR), and Intelligent Character Recognition (ICR). This solution can also integrate and export emailed scanned and electronic documents as searchable files to compatible third-party and cloud-based applications such as Therefore™, Dropbox, Google Drive, and SharePoint. Among its many capabilities, the optional IRISXtract software can enable the creation of digital mailrooms that extract information from scanned correspondence for transfer into cloud-based watch folders that are accessible to distributed workforces. It also enables healthcare organizations to extract medical and insurance data for accelerated processing of prior authorization paperwork.

Simplify Printing for Remote Workers

Canon imageRUNNER ADVANCE DX devices allow organizations to track all print, scan, and send activity wherever it occurs. Remote employees simply need an Internet connection to link their device to optional uniFLOW Online software, giving them the flexibility of sending information to be printed to onsite devices or home offices based on established security protocols. Employees can be kept current with new or enhanced features through automatic updates and releases.

Consolidated Reporting, No Matter Where the Device is Located

Canon U.S.A., Inc. is an authorized reseller of these Therefore™ solutions. Certain limitations may apply. Please see the Therefore™ 2022 Installation Manual for further information.

* Subscription to a third-party cloud service is required. Subject to third-party cloud service provider's Terms and Conditions.

SUPPORT SUSTAINABLE PRACTICES

Healthcare organizations are in a unique position to help drive positive outcomes in the environmental space and often do so via purposeful sustainability initiatives. Canon technology can assist healthcare leaders in their efforts through features and functionality that support efficient use of resources.

Energy-Efficient Technology

Canon's innovative technologies are designed to minimize paper, toner, and energy consumption to help reduce costs, save time, and increase productivity. These include advanced energy-efficient technologies such as the following:

- ENERGY STAR® qualified and EPEAT registered products
- Reduced warm-up times and heat usage
- One-watt Sleep mode
- Recycle-conscious designs
- Toner cartridge recycling
- Compact and low-weight products
- Staple-free stapling

User-Friendly Design

Canon's products are designed to be user-friendly to help remove technology barriers. Convenient accessibility features include intuitively designed control panels, easy-to-access paper supply and toner replenishment areas, multiple languages, and optional voice operation and guidance functions among others.

Promote Responsible Printing

As healthcare organizations seek to reduce their impact on the environment and implement sustainable practices, Canon's energy-efficient devices—in tandem with optional software—can help establish safeguards that limit wasteful practices. From administrative controls that encourage double-sided and black-and-white printing to analytics that promote responsible toner and paper use, uniFLOW along with imageRUNNER ADVANCE DX and imagePRESS Lite devices can help health organizations cut costs and reduce their carbon footprint.

Canon

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