MOBILE PRINTING
**Send print jobs throughout your healthcare environment**

THE NEXT STEP IN ENHANCED PATIENT CARE

The adoption of more consumer and business technology within hospitals and healthcare systems helps to drive better patient outcomes and increases demand for seamless integration between mobile devices and existing printing structures. More and more, frontline healthcare staff need technology that facilitates agile workflows.

Canon's hardware integrations with uniFLOW are a key example of why Canon has been recognized as a Buyers Lab Inc. Visionary Leader in Healthcare. Through uniFLOW software applications, Canon Solutions America helps hospitals and healthcare systems accelerate digital transformation, improve interoperability, and reduce administrative burden.
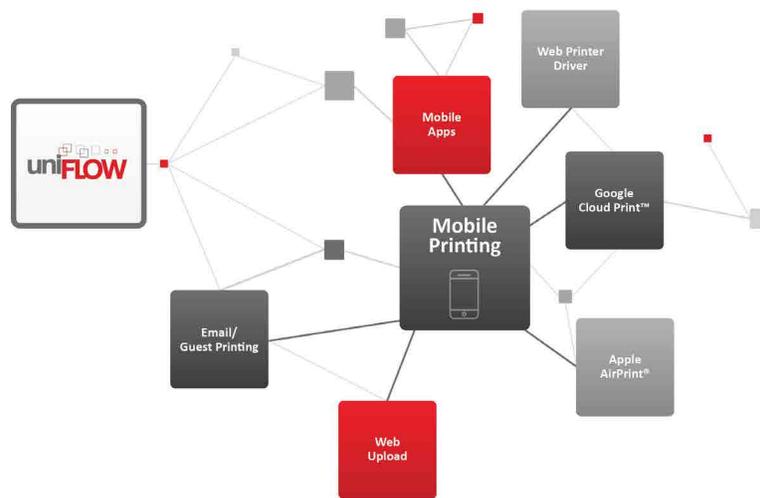
UNIFLOW SERVICE FOR AIRPRINT®

The uniFLOW Service for AirPrint supports secure print services for iPad®, iPhone, and Mac® and offers a centralized approach so that print management, support, and security can be tightly controlled. Healthcare staff can benefit from app-free secure printing features and job accounting for all iPad, iPhone, and Mac devices integrated into the hospital network. Users will see all their print jobs, regardless of how they are submitted to uniFLOW, displayed in a personalized print queue on the device user interface.

Easy submission from iPad, iPhone, and Mac
With the uniFLOW Service for AirPrint, iPad and iPhone users simply press the "Print" button from any application with AirPrint support. Users only need to enter their credentials the first time they use uniFLOW Service for AirPrint. Subsequent print jobs will be automatically routed to their uniFLOW print queue. Mac users benefit from the easy, zero-configuration setup process by simply adding the uniFLOW AirPrint queue displayed in the "Printers and Scanners" list. The built-in AirPrint driver delivers instant print functionality.

Integrated user authentication
The native Apple authentication integration in uniFLOW eliminates the need to install the uniFLOW client application on Macs and MacBooks®.

Simple installation for rapid deployment
The installation of the uniFLOW service for AirPrint is wizard-based and can be installed on multiple hosts at no additional cost, catering to complex network environments where a multicast domain name system for Bonjour may be undesirable.

Official AirPrint certification
The official Apple AirPrint certification allows full access to the AirPrint Application Programming Interface. This helps to ensure that uniFLOW is able to make use of additional finishing features including color, stapling, and hole-punch controls.

Works with Apple AirPrint

UNIFLOW MOBILE APPS

With the uniFLOW app for iPad/iPhone, and Android™, users are able to print from any location, both within or outside the organization's network, and release documents to any device connected to a uniFLOW server. The uniFLOW mobile print application brings enterprise-level print management functionality to users' smartphones.

Mobile submission of jobs
With uniFLOW, mobile users can submit their print jobs using mobile submission via the phone's email client. Job details are displayed on the phone's screen, and then finishing options such as double-sided, staple, or hole-punch can be changed directly via the uniFLOW app.

Multiple authentication options
Users can utilize multiple authentication options, such as username/password, PIN code, job code, and phone ID, to securely release jobs from their personal print queue.

Easy device selection
With the uniFLOW app, users can choose a device for printing either by selecting one from a list of recently used printers or by identifying devices via QR code recognition.

Cost center selection
All print jobs are accounted for and charged to the selected cost center. Should a mobile user exceed their printing budget, they can be prevented from printing jobs.

Contactless Printing
Release print jobs from your print queue without touching the device control panel using your mobile phone with the uniFLOW Print & Scan app—even if you're not on the same network!

Differences in functionality between the uniFLOW apps are shown in the following table:
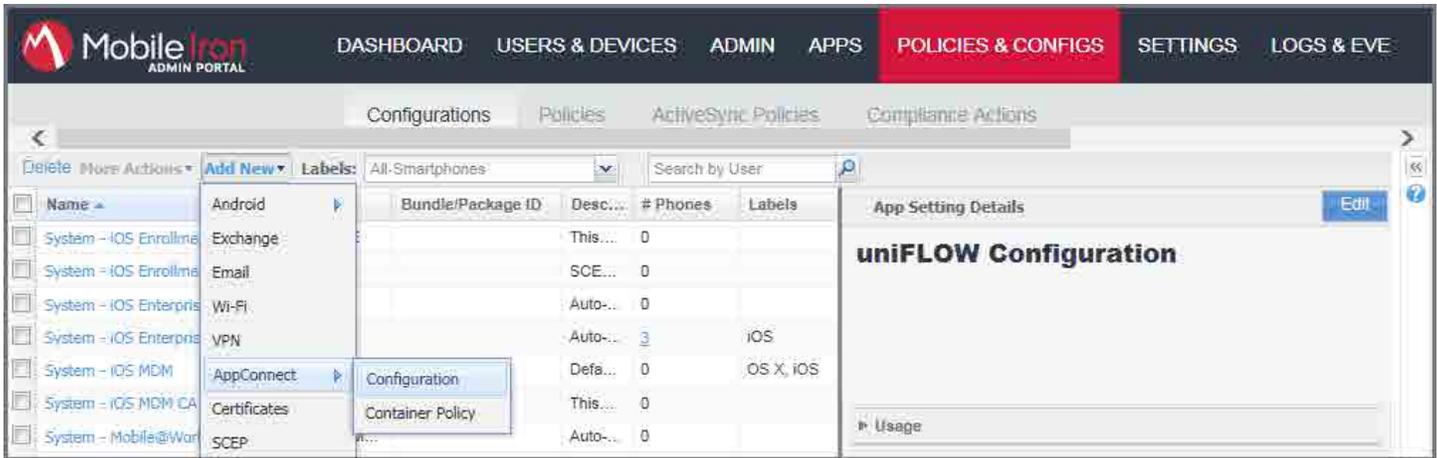
	iPad/iPhone	Android
RELEASE OF PRINT JOBS		
User authentication for secure mobile printing	✅	✅
Username/password	✅	✅
PIN code	✅	✅
Job code	✅	✅
Phone ID (do not enter a code every time)	✅	✅
NFC	❌	❌
Device Selection	✅	✅
List of recently used printers	✅	✅
Device identification through QR code recognition	✅	✅
Last used printer option to show job list directly after app start	❌	❌
View personal queue	✅	✅
Cost center selection	✅	✅
SUBMISSION OF PRINT JOBS		
Email submission	✅	✅
Submission using native uniFLOW app	✅	✅
Submit email attachments	✅	✅
Submit a web page	✅	✅
OPTIONAL SETTINGS		
Job submission email address	✅	✅*
Specification of tab settings	✅	✅
PIN code to help secure the entire app	❌	❌

The email client used on an Android device should be entered as the default email client in the location settings of the uniFLOW app.

Use MobileIron® to configure the uniFLOW app

MobileIron provides central management and configuration of the uniFLOW app for iPad/iPhone and Android on any employee's mobile device. With uniFLOW and MobileIron, employees can use their uniFLOW app immediately without having to configure the app. The IT administrator can add and change uniFLOW locations and printer settings which are automatically updated on the employee's uniFLOW app the next time it is used.

- Pre-configure user credentials such as username/password or PIN code for each location.
- Define pre-selected options of job ticket values for easy handling.
- Define parameters in order to determine whether some functions of the uniFLOW app should be hidden from users.
- Pre-configure uniFLOW settings found in the iOS® settings; all parameters for default job ticket values can also be configured in MobileIron*.

Only available for iOS devices.

EMAIL AND GUEST PRINTING

As healthcare organizations contract and expand for changing needs, temporary and contingent workers require mobile access to printing devices. Temporary users or visiting staff can also submit print jobs from smartphones or tablets by simply sending the documents they want to print to a specific email address. The guest/temporary user will then receive an email containing a job code for authentication at the device, offering an easy way to print presentations or other documents needed for meetings.

Retain control
uniFLOW allows administrators to retain control over guests' and temporary users' access to printing. Different users and email addresses can be directed to a specific workflow, so there is an unlimited level of flexibility. For instance, guest users can be restricted to printing in only black and white or users submitting native Microsoft Office files can be sent a PDF preview to check prior to release.

NATIVE CHROME PRINTING

Print without any extensions

uniFLOW enables users to use Chrome OS devices' native printing system without any extensions. The simplicity of Chrome OS and uniFLOW helps to ensure that print jobs are released securely, after authentication, at any connected printer and accounted for correctly. The built-in integration of uniFLOW and Chrome OS helps to minimize the IT effort required to manage the print infrastructure while increasing document security and making printing effortless for users.

WEB UPLOAD

Mobile workers can also submit documents by uploading them via a web browser. The uniFLOW web upload presents a job ticket so that users can change finishing options if necessary before uploading documents directly to their print queue.

Driverless upload from anywhere
Users can utilize the web upload on either their PC or mobile device by opening a browser via a web URL and then entering their username/ password or PIN code to login. The user can then upload a document or provide a document link and select the required finishing options. Once submitted, the print job is sent directly to the user's personal print queue. The job name is automatically copied from the name of the uploaded file or the document link.

Supporting different file formats
Mobile printing via the web upload supports PDF and PostScript when using the default configuration which helps to eliminate potential conversion issues. Please note that only certain file types are available on Apple iOS and because there is no access to the file system.

WEB PRINTER DRIVER

The uniFLOW web printer driver allows users to submit print jobs from anywhere outside the healthcare network.

Direct submission from anywhere
Users can submit their secure print jobs via the uniFLOW web printer driver from where they are. The jobs are automatically sent to a web server. Keeping in mind network security, it is not the web server that communicates with the uniFLOW server but rather the uniFLOW server which communicates constantly with the web server to check for any submitted print jobs so they are immediately available in users' personal print queue.

IMMEDIATE BENEFITS

Print from anywhere
Users can submit print jobs from any location via their smartphones, tablets, or desktop PCs via email, Apple AirPrint, web browser, internet printer driver, or the uniFLOW app, which helps to increase employee productivity.

Use multiple email addresses
Users are able to register multiple email addresses so they can submit jobs from personal as well as work email accounts, providing more user flexibility.

Supporting different file formats
Mobile printing via the uniFLOW web printer driver automatically uploads print files as PDF, helping to eliminate potential conversion issues.

Personal print queue
All print jobs, regardless of how they are submitted to uniFLOW, appear in the user's personal print queue and can be released from any device, regardless of model or manufacturer (i.e. users can print using any connected device).

Full accounting and reporting
All print jobs are accounted for and charged to either an account, department, or cost center. uniFLOW tracks all user activity for reporting purposes to help ensure costs are kept within budget, which means that administrators have control over printing costs.

Canon

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