



Software Solutions

superior visibility, actionable cost control

highly secure printing and scanning

easy mobile and guest printing

greater ROI from your Print Room



Benefits Enterprise-Wide

Gain the insights and control to help reduce costs and optimize printing and scanning efficiency

Features

Accounting and Reporting

Device Locking and Authentication

Secure Printing

Secure Mobile and Guest Printing

Advanced Scanning

Print Room Management

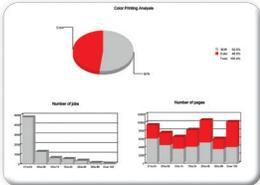
Additional Benefits of uniFLOW

Integration with Multivendor Fleet



Manage all printing and scanning with one single platform.

For most organizations, printing is an enormous cost center that remains almost entirely untracked and uncontrolled, and the value of scanning is marginalized when it's a manual process that only delivers static images. uniFLOW provides practical insights into your print environment and gives you the tools and control you need to help reduce waste and boost productivity throughout your enterprise. And, incorporating uniFLOW into your document processes will lead to real improvements in the control and efficiency of multifunctional devices.



Accounting and Reporting

Robust reporting system tracks all your organization's printing, copying, faxing, and scanning activity.



Device Locking and Authentication

Get complete control over device usage everywhere throughout the enterprise.



Secure Printing

Maximum document protection plus maximum convenience.



Easy and Secure Mobile Printing

Offer easy printing from any e-mail-enabled mobile device—without sacrificing tracking and control.



Advanced Scanning

Innovative document digitizing with versatile processing and distribution options.



Print Room Integration

Optimize the usage and productivity of this valuable enterprise asset.



Job Routing and More

Additional functionality includes Job Routing, Device Management, and Google Cloud Print™ integration.



Multivendor Fleet Support

Get the benefits of uniFLOW on any device—including other-branded models—across a mixed/hybrid fleet.



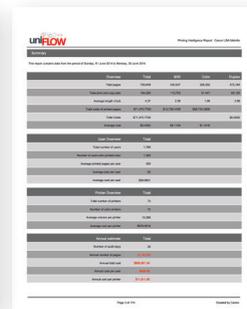
Gain outstanding visibility into your print environment.

See all activity

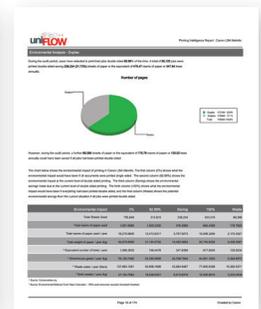
The first step in getting a handle on your printing and related costs is knowing where and how the money is being spent. Canon uniFLOW allows you to track and control activity on every device in your fleet, including printers, copiers, multifunctional devices, fax machines, and scanners, regardless of manufacturer. Once you understand the issues, you can set controls related to color printing, double-sided printing, paper sizing, finishing options, device/task optimization, reducing personal or low-priority printing, minimizing waste, cutting costs, and conserving resources throughout your organization.



uniFLOW Printing Intelligence Report



Overall summary



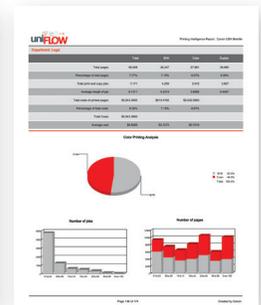
Environmental information

Graphical reports and statistics right to your inbox

uniFLOW can deliver more than 65 different reports that can be generated on demand or compiled on a regular basis. These provide insight into usage by individual, department, device, application, or any group or combination you specify. Reports not only show usage in the current period, but they can also present information in aggregate or trending over time. uniFLOW also allows outstanding flexibility in generating customized reports to meet your specific needs.



Information on printing by application



Information on printing by department

Manage and allocate costs like never before

uniFLOW can help you identify and allocate printing usage related to specific internal departments or groups, clients, or individual jobs or projects. This data can be used for accurate, substantiated chargeback or cost assignment, including work performed in your central Print Room. It can even help establish and enforce budgetary restrictions; such as, only allowing particular groups access to printing up to predetermined amounts.

Consolidate information from multiple locations without multiple servers

With the uniFLOW SmartClient, you can collect information locally at each office without adding servers and IT complexity. The SmartClient can store the accounting and reporting data, and then sync periodically with the main uniFLOW server at any interval you desire.

Monitor your sustainability success

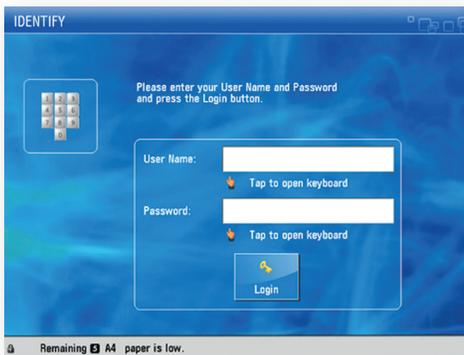
uniFLOW can help you establish and present a new and valuable aspect of your sustainability performance story to share with customers, vendors, employees, analysts, and other stakeholders. These powerful reports can help you demonstrate the positive environmental impact of your printing and resource waste reduction, and even translate it into recognized industry sustainability metrics, such as trees saved and reduced carbon footprint.



Control who uses your devices — how they use them, and when.

No more unmonitored usage

With uniFLOW, you can eliminate uncontrolled or unmonitored printing, copying, faxing, or scanning. Based on your criteria, users can be directed to authenticate and identify themselves in order to unlock and use any device. This feature also enables you to control access as you see fit. For example, you can allow or deny any user or group of users the ability to use particular functionalities. Some organizations, for example, might opt to only allow color printing to those departments that need it, or ensure that only certain devices are used by contractors or guests.

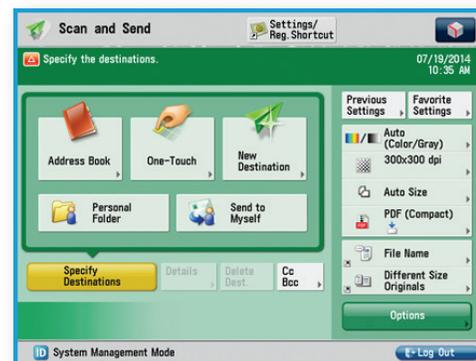


Multiple and flexible access systems

Creating a system to authenticate your users is easy and customizable. You can prompt them to scan their existing employee ID badge, swipe a magnetic or smart card, or type in a unique employee ID number, user name, PIN, or password. You can also utilize a combination or conditional use of these security methods before access is granted. For example, you may require a badge swipe along with a user name and password to be input for first-time usage, and then simply require a badge swipe for subsequent uses.

A customized experience for optimum efficiency

For users of Canon imageRUNNER ADVANCE devices, once the user is authenticated and identified, many menus and UI aspects revert to predetermined preferences and customizations that the user may have set. Authentication at the device also instantly facilitates personalized capabilities such as enabling the user to "Send To Myself" (via e-mail), "Scan to My Folder," access personal address books, and benefit from other secure, individualized features.





Printing that's highly secure.

Every print job is now "eyes only"

In many environments, sensitive documents often sit visibly in output trays, waiting indefinitely to be picked up by the user. Not only can that information be seen by others, it's also common that pages of a document can be taken, either mistakenly or intentionally, before the intended user comes to pick them up. With uniFLOW Secure Print, the job is sent to the server and not directly to a printer, so it's released and printed when, and only when, the user is physically present at the particular device and on demand. Whether HR documents, financial information, business proposals, confidential correspondence, medical records, or simply "everyday" business information, all is only printed as a direct action of the intended user at the MFP.



Cost and time savings

uniFLOW security features not only protect you from exposing sensitive documents, they also protect you from high printing costs. For example, since users must be present for the job to be released and printed, if it's deemed not important enough to be picked up, it's not printed, which can save businesses significantly in wasted paper and ink. And when users do pick up their job, they can make last minute "tweaks" to the document right from the device before printing. This helps ensure that they get the results they expected while not wasting resources printing out an unusable document.

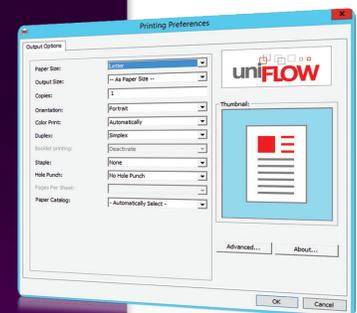
Furthermore, uniFLOW can prompt users to select the most cost-effective printer for their needs. For example, smaller jobs might be routed to a nearby printer, while larger, more complex or color-heavy jobs are directed to more suitable devices. And, if the selected printer is down or in use, no time is wasted in waiting to resubmit the job; uniFLOW will automatically give the user the option of rerouting it to a similar device.

"Follow Me" printing brings the document to the user

With uniFLOW "My Print Anywhere," users can send the job anywhere they need to be. For example, if they're heading to a meeting on another floor, another building, or even a sales office overseas, they can securely send the job to the printer nearest their need, and print it out when they get there for maximum convenience.

uniFLOW makes IT easy

Even with all this functionality, IT managers only have to deploy and maintain ONE driver to all PCs on the network, and that uniFLOW Universal Driver handles the output of EVERY device on the network—with easy access and a consistent UI for every user across the network as well. In addition, no matter how many locations you serve, uniFLOW won't add substantially to your server inventory; with the uniFLOW SmartClient, much of the work is done by the software locally, so additional local servers aren't needed. In fact, the outstanding network resiliency of uniFLOW means that users don't even need to be continually linked to the main uniFLOW server in order to get their work done, thereby taking some pressure off strained IT resources in the case of temporary downtime.

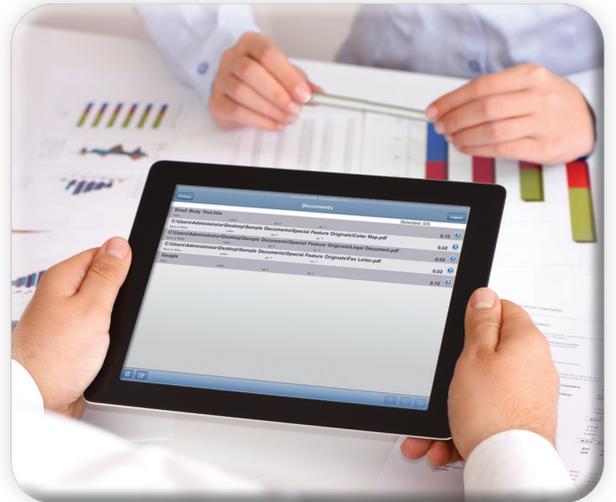




Offer the ability to print from any device.

Spur productivity enterprise-wide

With laptops, tablets, and smartphones, today's workers are able to produce business documents wherever they are—airports, hotel rooms, taxis, or guest offices—completely self-sufficiently ... as long as they don't need to print them on paper. Now, with uniFLOW, you can offer even visiting personnel the ability to quickly and efficiently print their vital documents on your devices as easily as sending an e-mail or visiting a Web portal.



Same accountability, same security

With uniFLOW, you have total control of who can print what, when, and how. You can allow any particular visitor access to any specific devices. You can even limit such capabilities as page count, color printing, or certain more costlier finishing options. For internal guests, you can even charge usage to particular departments or accounts. With uniFLOW it's all in your hands. And, just as with all other functions, guest printing activities are tracked and available for reporting as you desire.

Specialized apps instantly available

Mobile workers can choose from a range of free native apps that allow nearly any smartphone access to the power of uniFLOW. For example, use your smartphone as a defacto release station and job submission tool. Apps are available for iOS used by Apple® iPhone® and iPad® devices, as well as Android and Windows® phones. These can be downloaded instantly from the Apple App Store™, Google Play, and the Windows Phone Store, respectively, as needed.



Tap into the power of Google Cloud Print™

If you're one of the increasing number of companies tapping into this cutting-edge technology, uniFLOW has got you covered. In fact, uniFLOW was one of the first supported solutions for Google's powerful Web-based tool.* This tool allows users, through their Google accounts, to store their documents in the cloud on Google's servers, and print to Web-connected printers from any Web-enabled device, from phones to tablets to Chromebooks to PCs. uniFLOW allows you to control, monitor, document, and secure this ever-growing volume of print usage as effectively as any in-house network PC, with the same level of insight and accountability.

*Requires separate subscription with Google. Subject to Google's terms and conditions.



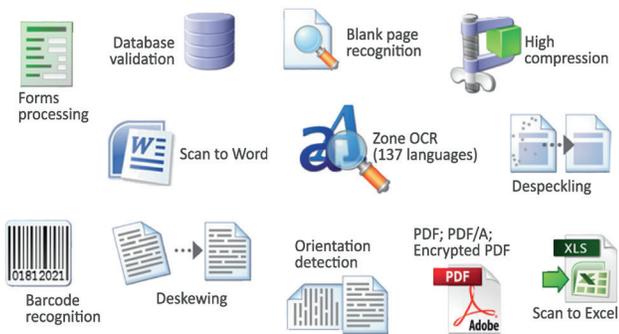
uniFLOW delivers advanced document capture and workflow capabilities.

Easy scanning throughout your organization

With uniFLOW, scanning and printing are unified under a single platform, offering the same access and security for you, plus the same convenient look and feel for users, saving time and increasing productivity. Users can scan using any Canon imageRUNNER ADVANCE device.

Process into multiple formats

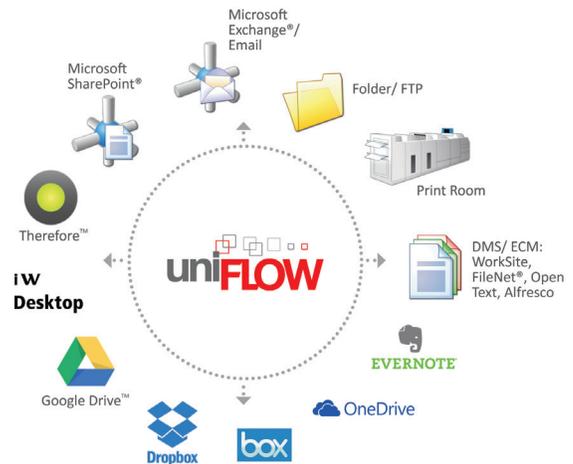
With uniFLOW, users can digitize paper documents into a wide variety of electronic formats. For example, they can convert all or part of their documents into editable versions using Zonal OCR and save them as convenient MS Office files. They can turn them into universally accepted PDFs or archivable PDF/A formats. They can compress large files in multiple formats, facilitating ease of transmission and storage. They can even encrypt them as needed. In addition, using bar code recognition, information on recognized business forms can be "harvested" and used in other ways for speed and convenience.



Diverse distribution options

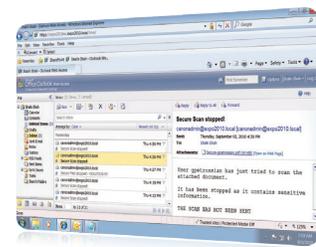
uniFLOW allows users to easily send their scanned output directly to selected folders, their e-mail address, or right to the Print Room. They can even choose from a wide variety of advanced distribution possibilities, including:

- Destinations such as MS SharePoint, Therefore™, Google Drive, and services that use WebDAV
- Cloud Connectors, including Box, Dropbox, Evernote, Google Drive, and OneDrive
- DMS/ECM systems, such as HP Worksite (HP Autonomy), FileNet Content Manager (IBM), and Content Server (OpenText)
- Systems supporting CMIS (Content Management Interoperability Services) 1.0 or higher, such as Alfresco and EMC Documentum



Address unwanted and unauthorized scanning of confidential documents

If you're concerned about leaking of sensitive or confidential information, uniFLOW, when combined with imageWARE Secure Audit Manager, gives you the power to prevent scans of documents containing particular key words and/or alert identified individuals when such words are identified.





Tightly integrate your Print Room into everyday operations for greater productivity.

Attain greater ROI from your Print Room

Print Rooms are a costly investment, but, with uniFLOW, you can maximize their potential. More than ever before, users can have greater and easier access to the many services offered. And the department itself can be run with maximum efficiency and optimum job turnaround time. Rather than being thought of as "remote" and "separated," even the most decentralized Print Room can now be effectively brought into the mainstream of enterprise operations for maximum return.

Easy, automatic job ticketing

With uniFLOW, there's no more job requests coming in from all directions in different, confusing formats. uniFLOW standardizes and streamlines the process, allowing users to send jobs directly from their PCs to the Print Room. Immediately, the system provides a digital job ticket that prompts them to provide requirements in a uniform format, helping ensure fast and accurate results.

Operator Dashboard boosts efficiency, helps reduce errors

At the Print Room, operators can choose to manage jobs through the uniFLOW central console to check, schedule, and prepare jobs. Many parameters are set automatically based on the incoming digital job ticket, reducing the need to reinput information and the possibility of rekeying errors. Once the job is ready to go, operators can just drag and drop the job icon onto the appropriate device icon. Each operator can even have their own, separate dashboard for individualized workflow.



Job ticket

Operator Dashboard

Drive traffic to the Print Room via the Web

With uniFLOW, your Print Room can have its own, Web-based shop front, with the familiar and convenient amenities you'd expect from a high-end, on-line commerce site, including product catalogs, shopping carts, pre-flighting, cost quotation, authorization, native file support, and credit card payment capabilities. Users can place their orders quickly and conveniently from nearly anywhere, boosting Print Room utilization. Charges can even be automatically accrued to the accounts of the appropriate departments or groups as desired.



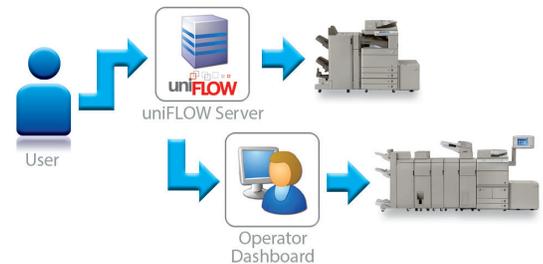
Custom-tailored Web shop front-end



Powerful features to optimize your print productivity.

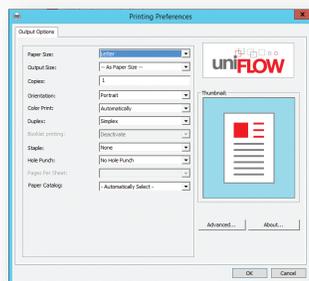
Automatic routing/rerouting for maximum efficiency

With uniFLOW, your print network will be optimized to select the most efficient printing option. It can automatically direct users to the best printer for the needs of the particular job. And, if, for example, a user is attempting to print a very large job at a small desktop printer or other unsuitable device, uniFLOW can reroute it to a more suitable device or even the Print Room, where it can be produced on higher quality, more cost-effective and efficient equipment.



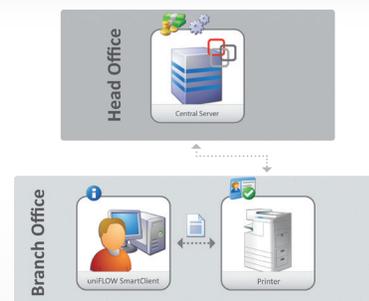
Advanced Device Management monitors your fleet in real time

uniFLOW allows you to collect comprehensive data from all devices in your fleet, including counter reading, status, and information about consumables, giving you real-time intelligence to keep your operation running smoothly. For example, you can set alerts to inform the proper personnel about low toner or out-of-paper conditions.



uniFLOW Universal Driver helps ensure accurate output at any device

uniFLOW allows the selection of any printer on the network—regardless of model or manufacturer. Behind this advanced functionality is the uniFLOW Universal Driver, technology that not only helps ensure that the output will be printed as expected regardless of the formatting specifics of the device, but also provides one common interface for familiar ease of use and ready maintainability.



SmartClient provides less server-intensive operation

uniFLOW allows you to manage your print environment with fewer servers, migrating many of the processing, management, and storage operations locally to the desktop or the Canon MEAP device. That means less hardware, less maintenance, reduced network traffic, and less burden on the IT staff.

Network down? No problem!

uniFLOW provides outstanding network resilience and is designed to minimize disruption to your business when there are network issues. Print and scan devices can be configured to work with remote print servers that don't require a link to the main server to function, and servers can be clustered to provide an additional layer of resilience. The devices themselves can also remember the log-in details of users, so they can still access some basic functions, such as copying, even when the network is down. uniFLOW can even be set to notify the appropriate personnel about malfunctions when they happen.



Tap into the power of uniFLOW on *any* printer or multifunction printer.

uniFLOW delivers seamless integration for mixed fleets. No matter what the make-up of your printer fleet—all Canon devices or a hybrid of manufacturers—you can put many of the powerful features of uniFLOW to work in your operation. The uniFLOW Universal Driver guarantees output to all devices on the network, regardless of make or model. Furthermore, with the uniFLOW Release Station, users get a consistent look and feel, no matter which device they're using. This is important for ongoing ease of use as it eliminates any productivity-slowng learning curve as your fleet grows over time.

Canon Device Connections



imageRUNNER
ADVANCE



imageRUNNER
CMFP



imageRUNNER
LBP



uniFLOW
Release Station

Core Functionality	imageRUNNER ADVANCE	imageRUNNER CMFP	imageRUNNER LBP	uniFLOW Release Station
Device locking	✓	✓	N/A	✓**
Copy accounting	✓	✓	N/A	✓**
Multilevel cost center selection	✓	✓	N/A	✓
Device Authentication				
PIN	✓	✓	✓	✓
Username/password	✓	✓		✓
Job code	✓			✓
MiCard V2 proximity card readers (direct connection)	✓	✓	✓	✓
MiCard PLUS (direct connection)	✓	✓	✓	✓
Third-party card readers (direct connection)	✓		✓	✓
Other card readers (microMIND connection)	✓	✓	✓	
microMIND connection (and other card readers)	✓			
Device function restriction based on user log-in	✓			
Secure Print Job Submission				
Submit via Universal Driver	✓	✓	✓	✓
Submit via e-mail	✓	✓	✓	✓
Submit via smartphone app	✓	✓	✓	✓
Submit via Web browser	✓	✓	✓	✓
Submit via cloud document link	✓	✓	✓	✓
Secure Print Release				
Release all secure jobs on log-in	✓	✓	✓	✓
Individual job selection on device	✓	✓	✓	✓
Individual job selection via smartphone/Web browser	✓	✓	✓	
Individual job deletion	✓	✓	✓	✓
Thumbnail preview	✓			
Change job options before release	✓			
Print shared jobs from archive	✓			
Scanning via Universal Send				
Scan-to-me via Universal Send	✓	✓	N/A	
Scan-to-folder via Universal Send	✓	✓	N/A	
Advanced Scanning				
Scan-to-e-mail/scan-to-me	✓			
Scan-to-folder/FTP/WebDAV	✓			
Scan-to-Microsoft SharePoint	✓			
Scan-to-DMS/ECM [i.e. Therefore™ and IBM FileNet]	✓			
Scan-to-Cloud [i.e. Box, Dropbox, and Evernote]	✓			
Scan-to-Google Drive	✓			
Scan as highly compressed PDF with 137 language OCR	✓			
Scan in editable format (Word, Excel)	✓			
Zone OCR, Barcode Recognition, and Automated Forms Processing	✓			
Split batch jobs and blank page detection	✓			
Validate data with database lookup	✓			
Show custom data entry screens to user	✓			

**A Copy Control Cable is needed.



ONE PLATFORM



Office printing



Office scanning



Device management



Mobile printing

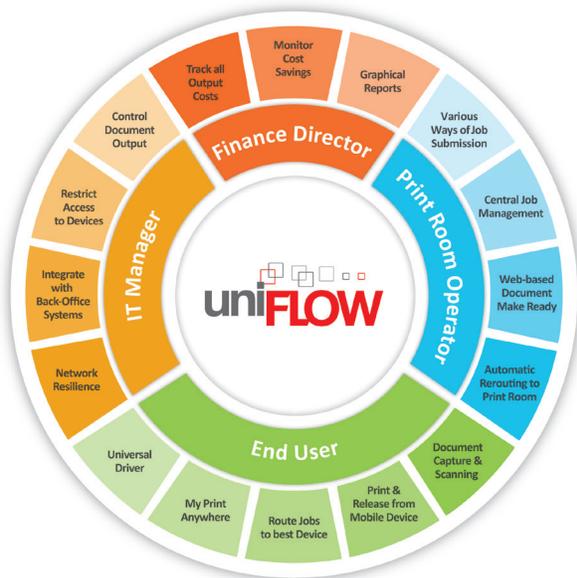


Production printing



NTware *Defining Print & Scan Management*

uniFLOW was developed by NT-ware, a global leader in Print and Scan Management. It helps organizations reduce costs and enhance document and device security, while increasing productivity by optimizing its printing and scanning processes. uniFLOW offers a true “One Platform” solution, providing organizations the flexibility and scalability to custom design a solution specific to their business needs, today and in the future.



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