# Mobile and Cloud printing

Print jobs securely without drivers from any device

Users' printing requirements go far beyond being able to "file, print" from their desktop PC.  Recent advances in technology mean that users are no longer confined to their desks to do their work but can work anywhere at any time.  Unfortunately, when it came to getting documents onto paper, printing technology had not kept developing at the same pace.

Now uniFLOW brings printing into the mobile age.

uniFLOW allows users to submit jobs either directly to the printer or to a secure print queue[1] regardless of their choice of device or where they are located - either inside or outside the organisation's network.  As well as being able to submit print jobs via a print server, uniFLOW allows users to submit jobs from outside the office, using either a uniFLOW Internet printer driver or by uploading the file to be printed to a web portal[2].

As mobile devices become essential in the workplace, simply being able to print from a PC or Mac computer is no longer enough.  With uniFLOW, mobile users are able to send a job to the printer via email.  If the required print file is held on a cloud based storage system, a doclink to that file can be emailed to uniFLOW instead.  uniFLOW is then able to access the cloud storage system to print the file as normal.

Whichever method the user chooses to submit a job, the core functionality of uniFLOW is always available.  Users can be identified by multiple email addresses and usernames, ensuring that the correct user and budget is charged for the print job and that each user only appears once in reports[3,] regardless of how many different ways he has chosen to submit documents.

Administrators can allow unknown users or guests to send jobs to their print devices as new users can be created automatically.  Alternatively, an email can be sent back to the user containing a release code for them to be able to release their job.

All jobs, whether they are submitted from a PC on the network or a mobile device from another building, are shown to the user in the same secure print queue.  The user can see a thumbnail preview of the job and add any finishing options such as duplex or staple before the job is printed[4].  Users can even use their smartphone to release their job by using its web browser or native smart phone app without needing the embedded MFD software.

## Advantages of using uniFLOW

☐ An integrated solution with functions including print/copy accounting, secure printing, mobile printing, job routing and document capture

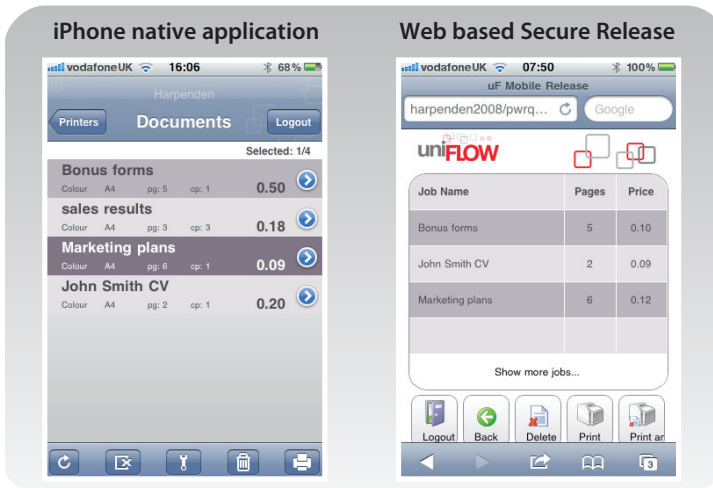☐ A modular system allowing it to be configured specifically to address the needs of your business

## Advantages of using Mobile and Cloud printing

☐ Send jobs to a secure queue via email, upload via a website or directly from a cloud

☐ Allows guest users to submit print jobs without having to have a user account

☐ Allows users to submit PDF files or native documents such as Word or PowerPoint

☐ All jobs tracked to the same user account as normal printing and secure printing for consistent reporting.

☐ Allows same budget control as normal printing and secure printing

☐ Allows secure jobs to be released from the users' smartphone either via web browser or native app

☐ Allows users to print and release secure print jobs without being connected to the company network

1 Features require the Secure Printing module
2 Features require the Internet Gateway module
3 Features require the Statistics module
4 Features require a Canon SPP applet per device

# Mobile and Cloud Printing

## Print jobs securely without drivers from any device



iPhone native application



Web based Secure Release

## Mobile and Cloud Printing

### General Features

- Allows users to submit jobs from a mobile device
- Allows users to sumbit jobs from their PC while away from the office network[2]
- Allows users to print jobs stored on a cloud based storage system (such as GoogleDocs, SharePoint online or FTP site)
- Allows users to submit PDF files to the printer workflow
- Allows users to submit native documents (e.g. Word, Powerpoint, etc) to the printer workflow
- Allows users to confirm job via email before printing
- Users can store multiple login/password credentials for accessing different cloud based storage systems
- Individual users can be identified via multiple email addresses
- Submitted jobs can be printed directly to a device, go to a secure print queue[1] or any other printer workflow
- Users can release jobs from a mobile device, web based release queue or the existing uniFLOW embedded device system.
- All costs and cost savings are tracked to the correct user account allowing correct reporting and budget control[3]
- Allows guests to submit jobs to printers and/or secure print queues without being connected to the organisation's network
- Ability to send individual job release codes or PIN numbers back to the submitter of the job via email
- Native smartphone app and web based release queue allow users to release jobs without being connected to the company network

### Methods of sending print job to uniFLOW system

- Email via POP3, SMTP or MAPI
- Upload document via web portal (Internet Gateway)
- Print via Internet Gateway printer driver from any application
- Insert email body text as print job
- Insert email attachment as print job
- Insert cloud "doclink" as print job

## Required software and modules

- ☐ uniFLOW Basic License (WE, BE, CE, EE)

## Software Operating System uniFLOW server

- ☐ Windows 2000/2003/2008
- ☐ Internet Information Server 5.0 (2000), 6.0 (2003), 7.0 (2008)
- ☐ Internet Explorer 5.5 or higher (Internet Explorer 7 recommended)

## Internet Gateway Printer driver operating system requirements

- ☐ Windows NT/2000/XP/2003/Vista

## Smartphone release application requirements

- ☐ Apple iPhone/iPad with iOS V4.1 or later
- ☐ Blackberry and Android native applets to be released later
- ☐ Any mobile phone with a compatible web browser

**NTware**