YOUR PRINT IN ONE GO

ClearConnect print software suite

ClearConnect

Canon

CLEARCONNECT
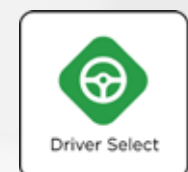
PRINT SOFTWARE SUITE

Seamless & secure

As world leader in Large Format technical document printers, multifunctional and scan systems, Canon has set the market standard for productivity, instant operation, reliable performance, ease-of-use and security.
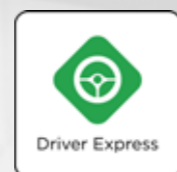
We understand how complex your printing and scanning requirements can be. That's why ClearConnect has everything covered in one intuitive interface across all the applications you need to run your operation efficiently, productively and cost-effectively.

True to its name, the ClearConnect print software suite makes all the connections you need for a fast, powerful and seamless workflow. End-to-end integration and a common user interface mean it's never been so easy to print documents whenever you need to and from wherever you are.

Submit prints irrespective of file type, application, device or location

The ClearConnect print software suite provides an easy workflow for individual print jobs as well as for complex multi-file document sets. You can print any file type, and from any application, using a variety of printer drivers, submitters or your web browser.
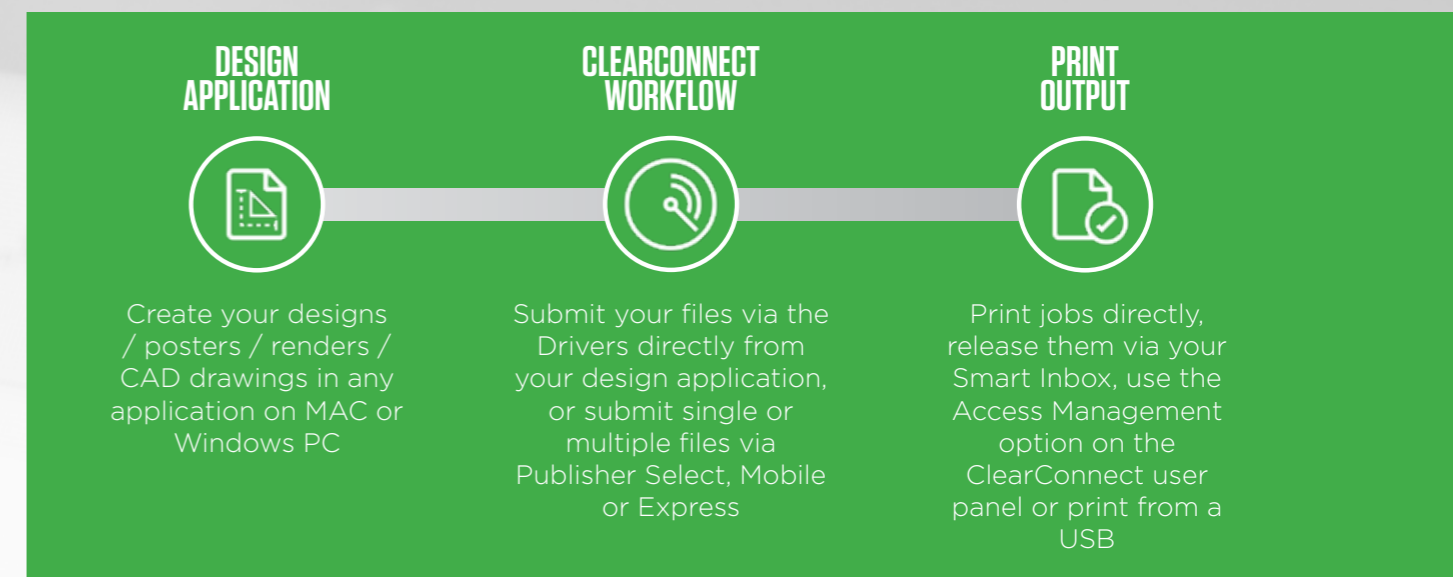
Avoid misprints and reduce costs

The intuitive user interface of all ClearConnect print software applications enables you to submit files easily, for first-time-right prints. Smart features like
'What You See Is What You Print' (WYSIWYP) previewing, auto legend detection and active operator warnings before printing reduce errors and misprints, avoid waste and eliminate unnecessary labour costs.

Document security across your print process

The ClearConnect print software suite is integrated with the SMARTshield security features. SMARTshield consists of multiple security measures designed to keep data and information safe from unauthorised eyes.

Restrict access to your documents through a personalised and secured Smart Inbox or home folder. Users only have access to their own prints or scanned documents.

SMARTshield Access Management and Output Management Software, such as uniFLOW, allow users to send sensitive documents from desktops and mobile devices. Documents will only be printed when the user is physically standing at the device.
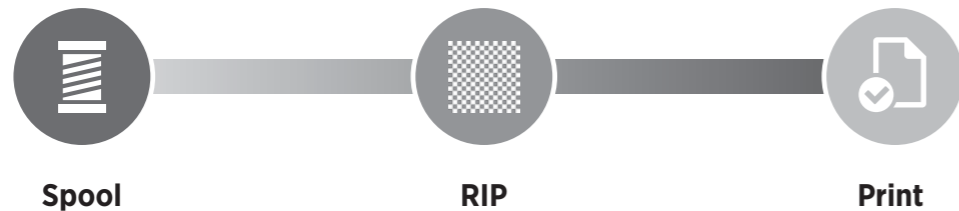
The ClearConnect print software suite

Driver Select, the Large Format printer driver for Windows, reduces errors and gives you first-time-right results

Driver Express allows you to print your files in PostScript format directly from Mac and Windows

Publisher Select lets you create, manage and submit sets of documents from your desktop to a single printer, or to two printers at the same time

Publisher Mobile enables you to submit print jobs from your mobile phone and tablet supporting IOS and Android

Publisher Express means you can submit your print jobs easily via the web, independent of your browser

ClearConnect User Panel offers Print, Copy, Scan functionality that's as easy as using a tablet. Preview live during scanning or copying, to avoid errors

DESIGN APPLICATION	CLEARCONNECT WORKFLOW	PRINT OUTPUT
Create your designs / posters / renders / CAD drawings in any application on MAC or Windows PC	Submit your files via the Drivers directly from your design application, or submit single or multiple files via Publisher Select, Mobile or Express	Print jobs directly, release them via your Smart Inbox, use the Access Management option on the ClearConnect user panel or print from a USB

POWERSYNC CONTROLLER

Maximise productivity

The ClearConnect print software suite communicates directly with the POWERsync controller that is integrated into the heart of your PlotWave and ColorWave printers. This enables you to optimise the performance and maximise the productivity of your entire printing system.

The direct integration between ClearConnect print software suite and the POWERsync controller provides a unique architecture that ensures your print process is intuitive, productive, and consistent.

Unique memory architecture

Controllers perform many tasks at the same time. The POWERsync controller has a unique multi-memory architecture, to efficiently handle multiple tasks at once. It has been developed in such a way that it assigns different tasks to dedicated locations within the controller.

Spooling jobs, for example, are separated from the so-called set memory, where files are stored that are ready for printing. This architecture enables concurrent processing. For example, scanning while printing, or spooling while ripping. So you can quickly focus on your next task.

Excellent productivity

The POWERsync controller has state-of-the-art technology to provide sufficient processing power, whether your prints are monochrome or full colour. The single or multi hard drive has a large capacity for spooling, so your PC and applications won't slow down, regardless of the number of jobs submitted. Your printer maintains its productivity and reduces expensive waiting time.

A full range of print languages are supported, to optimise your CAD/GIS workflow or graphics workflow when necessary.

The POWERsync controller can be embedded with unique end-to-end PDF workflow support. ColorWave users can even choose to use Adobe PDF Print Engine (APPE), which ensures optimum print quality for your PDF print jobs.

The open interface of the POWERsync controller also enables the printer to embed third-party software, such as uniFLOW.
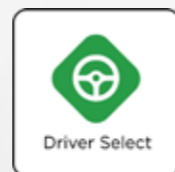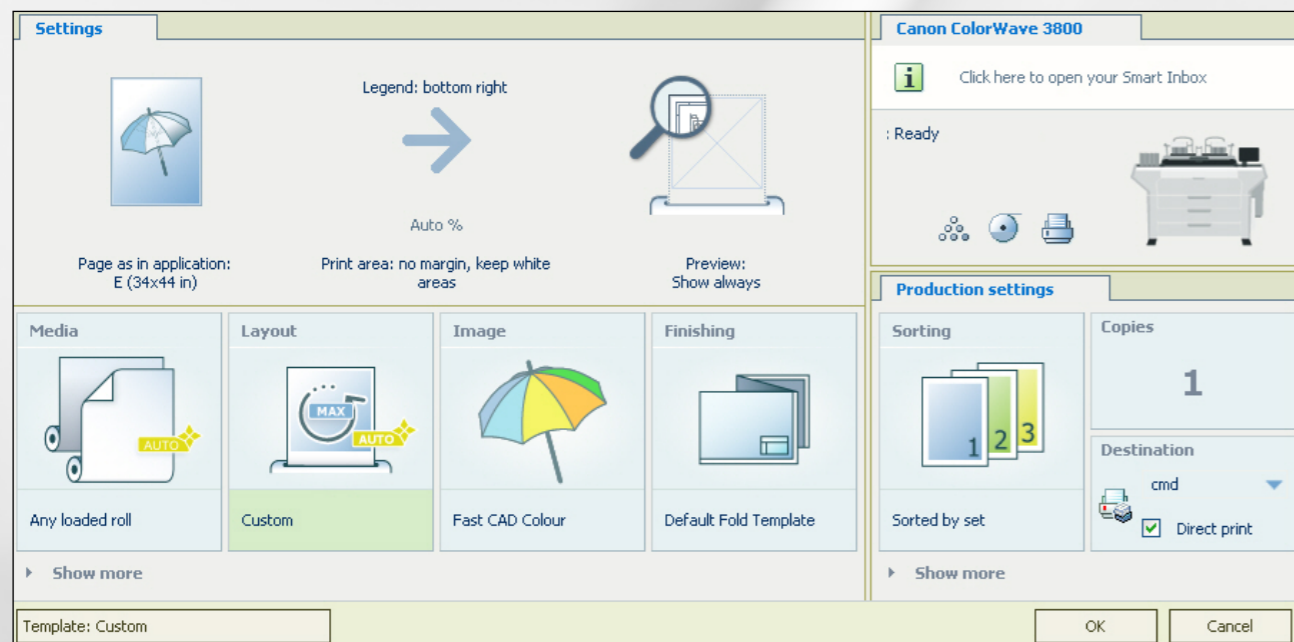
Spool

The print description language file (PDL) is spooled on the hard drive.

RIP

The PDL is converted to an internal print file by the embedded RIP (Raster Image Processor).

Print

The internal print file is sent to the print heads resulting in high quality and fast print speeds with virtually no hick-ups.

POWERsync

Canon

ColorWave 3800

DRIVER SELECT DRIVER EXPRESS

Print using the printer drivers

Print first time right from any application, with easy-to-use printer drivers that practically eliminate misprints, reduce costs and increase efficiency.

Driver Select for Microsoft Windows
Reduce costly misprints, with Driver Select for Microsoft Windows, and submit even the most complex print jobs without a hitch. 'What You See Is What You Print' dynamic on-screen previews ensure first-time-right printing. So you can produce high-quality output and practically eliminate misprints. Select your preferred media, paper type and size, and the instant preview shows the precise impact of your choices.

Print in one go
Driver Select provides an intuitive icon-driven interface, where all functions are directly accessible from a single screen. Whether you're an experienced operator, or incidental workgroup user, anyone can realise their Large Format prints accurately and with ease. Standardise workflows by creating, using and sharing templates for frequently used print settings.

Optimise print mode settings to increase productivity even further with smart features such as the Print Assistant for automatic optimal print mode settings.

Allocate costs to departments or clients with the accounting functionality.

Track job status with constant feedback from the printer

Monitor consumables real time with details of media and ink/toner levels.

Driver Express for Adobe Postscript 3
Integrate your printers into your Postscript workflow and submit print jobs directly from Microsoft Windows and MAC OS with the Driver Express. The versatility of PostScript is well known, particularly if you frequently use graphics applications. Many applications can send data to printers in PostScript format.

Driver Select is
Microsoft certified

Submit print jobs directly from Windows or MAC OS

PUBLISHER
SELECT

Experience the benefits of easy job submission

Dual printer support for all combinations of PlotWave, ColorWave and imagePROGRAF printers.

Publisher Select

Enhance printing productivity and save valuable time

Publisher Select software helps you create, print, and manage jobs with ease.
Use this powerful job submission tool to print to a single Large Format printer, or to two at the same time.

Create a job quickly and accurately: simply select your files and then drag & drop them into Publisher Select. Once you've defined the settings, you can check the quick preview and submit straight to the printer.

- **Templates** and shared custom sizes save time and ensure consistency
- **Automatic discovery** of connected printers reduces operator tasks
- **Dual printer submission** increases workflow efficiency
- **Switch easily** between printers quickly and drag and drop files from one printer to another
- **Status monitoring** includes checking media and toner/ink levels, to safeguard uptime
- **Rapid data processing** means applications are ready when you need them, so you to get on with the next job straight away

Right first time

Get the job first time right by checking and adjusting the print layout page by page, or all at once. Print the image precisely where you want it, with the automatic cropping feature.
Avoid costly misprints with first-time-right printing with instant WYSIWYP previews and Green Button printing.

Simplify print workflows and manage every aspect with ease

Irrespective of the number of printers, devices or formats, automated behaviour boosts your workflow and enables you to finish design projects faster.

Make printing standard jobs easier by assigning customisable media templates to a specific job, or to individual files within multi-file jobs. You can also allocate multiple hotfolders at the same time, for quick and efficient workflows.

Publisher Select automatically analyses your files and selects the optimal media and print settings defined in your template.

Track your prints for real time workflow management. You can even instruct the printer to print a banner page between print jobs, so users can easily identify which job is theirs. Use the integrated accounting features to allocate cost to a specific department, project or client.

Embedded automation

With easy installation and automatic printer discovery, Publisher Select offers embedded automation, to get maximum efficiency from your workflow from the very start.

> Create complex document sets and submit them with ease to your PlotWave, ColorWave or imagePROGRAF printer, or to two devices at the same time.

PUBLISHER MOBILE

Submit print jobs directly from your tablet, or smartphone

With Publisher Mobile, you can print your documents using your tablet or smartphone. Reprint your documents, scale your plots, access the main settings, and view the queue, media and ink/toner status of your plotter at any time.

Hassle-free printing, anytime and anywhere

With Publisher Mobile, you can print from any smartphone, laptop or tablet - from any location within reach of the WiFi router of your company's network. Using a mobile device, you can send the print job via Publisher Mobile directly to the printer. Publisher Mobile provides additional printing options to busy professionals: now you can discuss a change, make an annotation, connect to your Cloud using your smartphone, and send a job to your printer via Publisher Mobile. Publisher Mobile even allows you to print from your smartphone as you rush to a meeting.

Publisher Mobile

PUBLISHER EXPRESS

Submit jobs easily from the web, irrespective of your web browser

With the easy-to-use, web-based job submission software, Publisher Express, there's no need to download and install another application on your workstation. Simply access Publisher Express through your web browser, to create a print job and manage your jobs simply and intuitively.

You can use Publisher Express to retrieve scanned files, adjust printer settings and access printer information.

No need to install additional software

For users with MAC OS, Unix, LINUX or other operating systems, simply connect to the printer with any web browser, to get direct access to Publisher Express. For IT managers who want to limit locally installed software on Microsoft Windows client computers, Publisher Express is the solution that offers users advanced job submission tools without the need for extra applications.

Publisher Express

CLEARCONNECT
USER PANEL

Green Button printing and much more

Print, pull up a document, zoom and pan to different areas with the easy-to-use ClearConnect user panel.

Technical document printing has never been easier

With the ClearConnect user panel, your printer works like a tablet. So, you know how to use it at first glance. The clear user interface gives direct access to all the functions from the main screen. Easy printing on your ColorWave or PlotWave printer is now just a click away.

Green Button printing

Adjust the different settings and check out the various options before simply clicking the Green Button to get great prints: first time right. Even for documents stored in the Cloud, or that have just arrived in an email on your mobile device. You can now print both monochrome and colour documents easily using the same consistent user interface.

Avoid mistakes and gain full control

The intuitive ClearConnect multi-touch user panel gives you full control over every job. While the dynamic tiles on the home screen provide a clear overview of the current ink/toner, media and printer status.

Make simple settings adjustments with ease. If necessary, you can also access advanced settings directly from the user panel. When scanning and copying, you receive instant feedback about the width of the original as soon as you insert it. And the live preview enables you to check that the scan or copy will come out as you expect. So you can avoid costly misprints.

The power of Smart Inbox

With the ClearConnect user panel, you gain instant access to the power of your personal Smart Inbox. If you're at the printer, you can check, preview and download scans, or view and print your latest job from your own secure Smart Inbox.

ClearConnect User Panel

	Driver Select	Driver Express	Publisher Select	Publisher Mobile	Publisher Express	ClearConnect User Panel
Operating System	Windows	MacOS and Windows	Windows	Android, IOS	Common webbrowsers	n/a
Print source	Directly print from application (eg AutoCAD, Acrobat etc)	Directly print from application (eg AutoCAD, Acrobat etc)	Submit printable files from desktop	Submit printable files from any mobile device	Submit printable files from webbrowser	Printable files direct from Smart inbox, cloud or USB Flash drives
Printer support	Single printer support	Single printer support	Dual printer support	Single printer support	Single printer support	Single printer support
File printing	Single File printing	Single File printing	Multi File printing	Multi File printing	Multi File printing	Single File printing

OPEN
ARCHITECTURE

Open interface for easy integration

Thanks to the open architecture, third parties can develop and integrate their own applications and infrastructure for the POWERsync controller. This enables easy integration with your own workflow and print management applications such as uniFLOW.

UNIFLOW

Output Management Software

Many organisations operate with a mixed fleet of printers, scanners and multifunctional devices. uniFLOW offers an embedded applet to provide a consistent and secure user experience on Small Format and Large Format devices, for a simple-to-use print, copy and scan facility across your operation.

Full integration with the ClearConnect Suite

Apply all the appropriate settings and submit print jobs straight to your printer. On pressing 'print', the job is stored on the uniFLOW server, ready to be released at the device when required. Use the built-in reporting system, to track and assess printing usage and ensure costs are charged to the correct project, department or client.

With Publisher Select

When used in combination with Publisher Select, uniFLOW can retrieve print and accounting details, and integrate this data in uniFLOW reporting.

Management reports

Comprehensive management reports based on user and accounting data enable you to charge costs accurately as well as monitor and audit usage across devices and users.

Increased document security

All print jobs, regardless of how they are submitted to uniFLOW, are stored in the user's secure print queue, and can only be released when the user is at the printer and confirms their authentication.

SMARTshield

| SAFE SUBMISSION | SAFE STORAGE AND REMOVAL | AUTHORISATION | HACK PREVENTION | SECURE NOW AND IN THE FUTURE |

SMARTSHIELD
SECURITY

Integrated security for ClearConnect

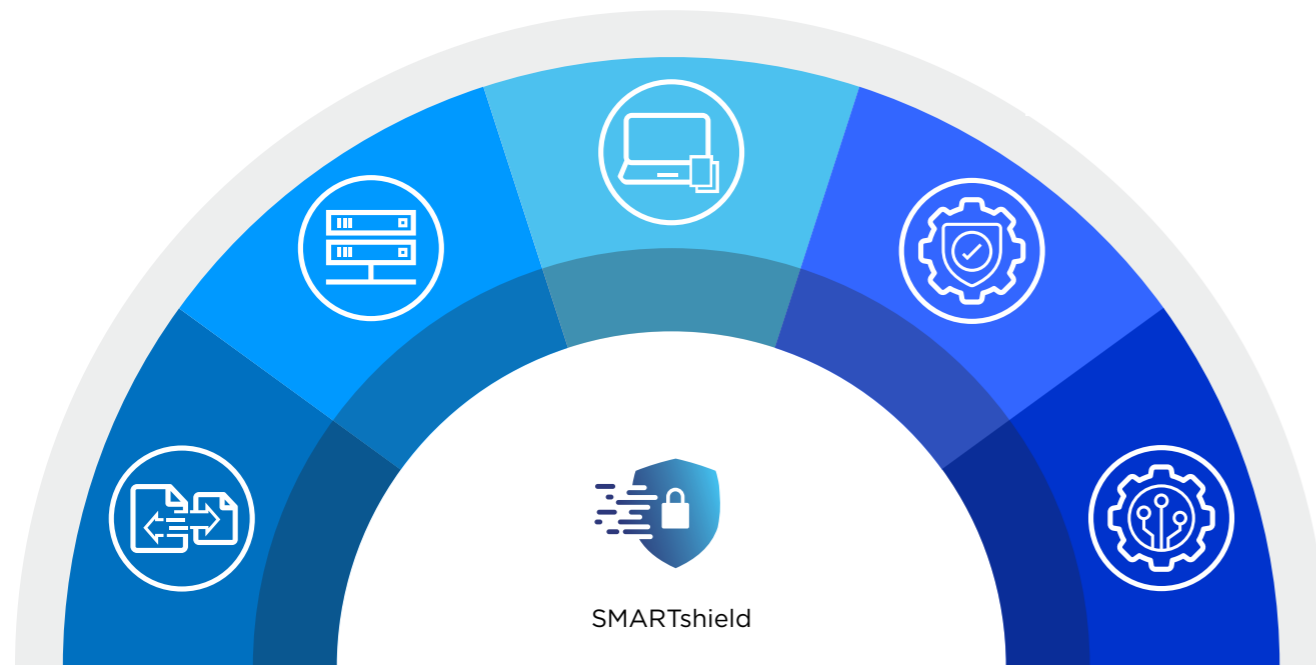SMARTshield is an integral part of ClearConnect that safeguards the security of your Large Format workflow.

More than ever, companies and governments with Large Format printers need to protect their most important, confidential, and sensitive information within their office and on their networks. This includes information sent to the printer from individual workstations and other devices, as well as data stored at the printer.

SMARTshield also protects systems against any unauthorised access to print data, printed information and the end-user's own IT infrastructure via printers.

SMARTshield, is a fully integrated printing security technology and has been specifically designed to make life easier for your IT administrator, users and management.

SMARTshield features multiple security measures designed to keep data and information safe from unwanted eyes.

SMARTshield helps protect your data across the different stages of your print workflow process.

ClearConnect is integrated in ColorWave and PlotWave systems

ColorWave 3600

ColorWave 3800

PlotWave 3000 series

PlotWave 5000 series

PlotWave 7500

WHY
CANON

True partnership

We establish a long-term relationship with our customers and our high level of service is reflected in the exceptional customer satisfaction scores we receive. Canon is your trusted partner with best-in-class technology: now and in the future.

Experience
With over 140 years' experience, we understand the world of printing like no other. This heritage means we can not only provide you with the solution you need, but also understand your needs.

Innovation
Our dedication to innovation is reflected in the 8% of our turnover that we invest each year in R&D. Canon innovations extend from every aspect of our printers to the ink and other consumables your operation needs to achieve the very best quality, productivity and return on investment.

Integration
The applications in the ClearConnect software suite work from the heart of your printer engine. This level of integration enables you to create, manage and submit print jobs from a variety of devices and sources, including your desktop, controller, Cloud and mobile device or smartphone.

Expertise
The ClearConnect software suite is an integral part of our commitment to ensure we provide the best solution for your requirements. This is reflected in our dedicated team of specialists, who can advise and train your employees to realise the maximum in productivity and efficiency.