



KONICA MINOLTA



# CLOUD PRINT INFRASTRUCTURE SERVICES

ALIGNING PRINT TO THE CLOUD

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## MAKE PRINT A PORT OF CALL FOR CLOUD

Use of cloud technology is commonplace across the public sector but the extent of its use varies massively, from rolling out O365 to cloud native software development. Print is rarely invited to the cloud party and often overlooked as legacy. A missed opportunity. Your print infrastructure can be securely moved to the cloud and in doing so you will not only make printing easier for users and better support mobile working, you will relieve your IT teams of the need to manage a myriad of print servers and print drivers.

### CLOUD PRINTING EXPLAINED

Our Cloud Print Infrastructure Services provide a cloud-based SaaS solution delivering hassle free printing, helping your organisation achieve your Cloud First ICT Strategy.

Your print environment is controlled via a single online administration tool. This is a cloud-hosted web interface where you configure and maintain all printers, locations, user credentials, access control, usage consumption and reporting. All you need is internet access to manage your print environment. To enable your users, you deploy a single print driver to their devices. Once that is installed they can print via an internet connection, no VPN is required. When users send a job to print it is up to you where that print job is stored, it can be stored locally, on on-premise (via a Gateway or using a PC client) or in the cloud. Management of those print jobs is controlled by your configured settings. Your print devices are

connected to the cloud using a direct connection from the print device (if the print manufacturer's platforms support this) or Gateway options – again no VPN is required. It is via this connection that print jobs are received and your print environment controlled. Mobile printing can be supported if required and our Enterprise solution provides additional data security by enabling pull print across your print estate – so users have to identify themselves at a device before their print job is released.

A key difference between cloud printing and legacy solutions is that with cloud printing there is a single print driver so no need to manage multiple print drivers across a number of print servers. In addition, management of your entire fleet can be done via a single web-based interface.

**THE KEY DIFFERENCE BETWEEN CLOUD PRINTING AND LEGACY SOLUTIONS IS THAT WITH CLOUD PRINTING THERE IS A SINGLE PRINT DRIVER SO NO NEED TO MANAGE MULTIPLE PRINT DRIVERS**

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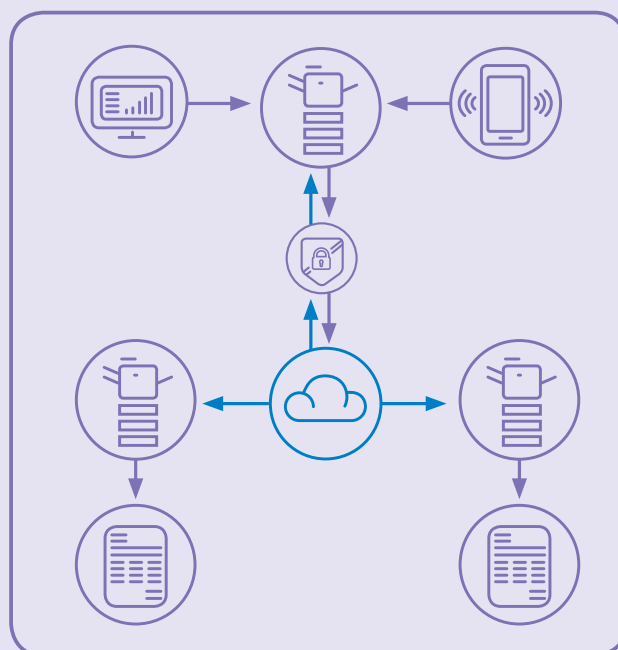
## KEY CHARACTERISTICS

- **Cloud Native:** this isn't an on-premise solution that has been shifted to the cloud. It has been specifically developed to be a SaaS offering and delivers all the benefits of a SaaS offering.
- **Simple to install and manage:** Relieve your IT team of the burden of maintaining and supporting the print drivers and IT infrastructure required to run multiple devices in multiple locations.
- **Vendor agnostic:** Cloud Print Infrastructure Services can be used to support all your existing print devices, from different suppliers, not just ours.
- **Secure:** your solution is hosted in AWS data centres in the UK. There is full encryption end-to-end. You can also ensure user authentication at a device is required before a print job is pulled from the cloud to that device.
- **User experience and workforce mobility:** print jobs can be sent from any device to any printer in the organisation using the same single print driver. Location aware functionality means users do not have to work out how to print when working from different locations.
- **Universal PDF print driver** – full finishing capability for multi-vendor devices using a single driver which compresses the print file (this is because all print jobs are converted to a PDF first, not a traditional spool file).
- **Simple driver management** - driver deployment and management is done using an EUC client, not using traditional driver management processes, which is a lot easier for your IT team.
- **Identity management** – a range of protocols can be used including Azure AD, AD, Okta and LDAP.
- **Automation and scalability** – our solutions are designed to support workflow automation and to be fully scalable for maximum flexibility.

## SERVICE OPTIONS

**Our Cloud Print infrastructure Service (CPIS)** is a SaaS solution where cloud print software is deployed to your users' desktops, laptops or tablets. Simple print driver technology is deployed to workstations, VDI, thin clients or even users' own computers (BYOD) as a single and simple package. When your users send a job to print, it is sent to the cloud and on to the specified device. The workstation client for Windows or Mac automatically creates, manages and removes print queues as configured via the web-based administration tool. This completely eliminates any client printer driver or print queue management. No print servers and print drivers for your IT team to manage and update. Your existing fleet of Multi-Function Devices (MFDs) remain, offering the same printing and finishing capabilities as they did previously.

**Cloud Print Infrastructure Enterprise (CPIS Enterprise)** is our standard Cloud Print Infrastructure Service but with user authentication deployed across your print infrastructure to enable pull printing. Users have to identify themselves at the printer before their document prints – they can identify themselves via an iOS or Android application, card reader, embedded terminal or QR code. This means printouts don't lie uncollected in printer trays. User authentication for copying and scanning is also available with CPIS Enterprise. This increases compliance and reduces security risks associated with sensitive or confidential information falling into the wrong hands.



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**NO COMPLEX SETUP ON YOUR SIDE  
PLUS NO COMPLEX OR EXPENSIVE IT  
INFRASTRUCTURE REQUIRED TO  
ROLL-OUT A SOLUTION**

## BENEFITS



### PRINT AS A CLOUD-BASED SERVICE

CPIS converts your existing print environment to a cloud-based service, as part of your Cloud First strategy. It is a multi-tenancy SaaS solution but there are options for private cloud or hybrid solutions. You benefit from the usual 'As-A-Service' advantages like consumption-based pricing and the ability to easily flex your solution up or down as your needs change.



### EASE OF DEPLOYMENT

No complex setup on your side plus no complex or expensive IT infrastructure required to roll-out a solution. Your entire environment can be deployed using a single web-based interface.



### REDUCED COSTS AND OVERHEADS

No upfront hardware investment. No high cost of ownership associated with a traditional print environment that requires local print servers. Eliminate the administrative load on your IT team by leveraging the fact you need only one print driver for all your printers and users. No need to manage multiple drivers plus as it's easier for users to print from any device to any printer, you spend less time supporting users. The reporting available and centralised management using the single interface means you have better visibility and control over printing across your organisation. You can use this visibility and control to reduce your print costs.



### EASE OF MANAGEMENT

Centralised administration to configure and maintain all printers, locations, user credentials, access control, usage consumption, reporting and much more. Everything in one simple web-based dashboard.

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### RETURN ON INVESTMENT

Costs and resources associated with the administration, service calls, maintenance and support of managing your own print infrastructure can be significantly reduced.



### IMPROVED MOBILITY AND USER EXPERIENCE

Location aware functionality means your users can easily and securely print from any device to any printer. Guest print can also be provided easily and securely.



### HIGHLY SECURE

End-to-end encryption and built-in auditing functionality to ensure the highest possible security and compliance with regulations such as GDPR. Secure pull printing on any device is enabled by an embedded client. Our service follows the 14 NCSC Cloud Security Principles and how we have implemented these Principles is fully documented.



### MANAGED SOLUTIONS

We monitor your solution and manage it to ensure maximum availability. Plus our support teams are on hand to provide assistance should you need it. We can even provide access to our portal so that you can monitor the service yourself, should you wish.



### VENDOR AGNOSTIC

Our solutions support most MFP manufacturers so can be deployed in a mixed fleet environment.



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### SUPPORTING SHARED SERVICES

Multi-tenancy options are available so solutions can be accessed by multiple organisations working together to deliver Shared Services.



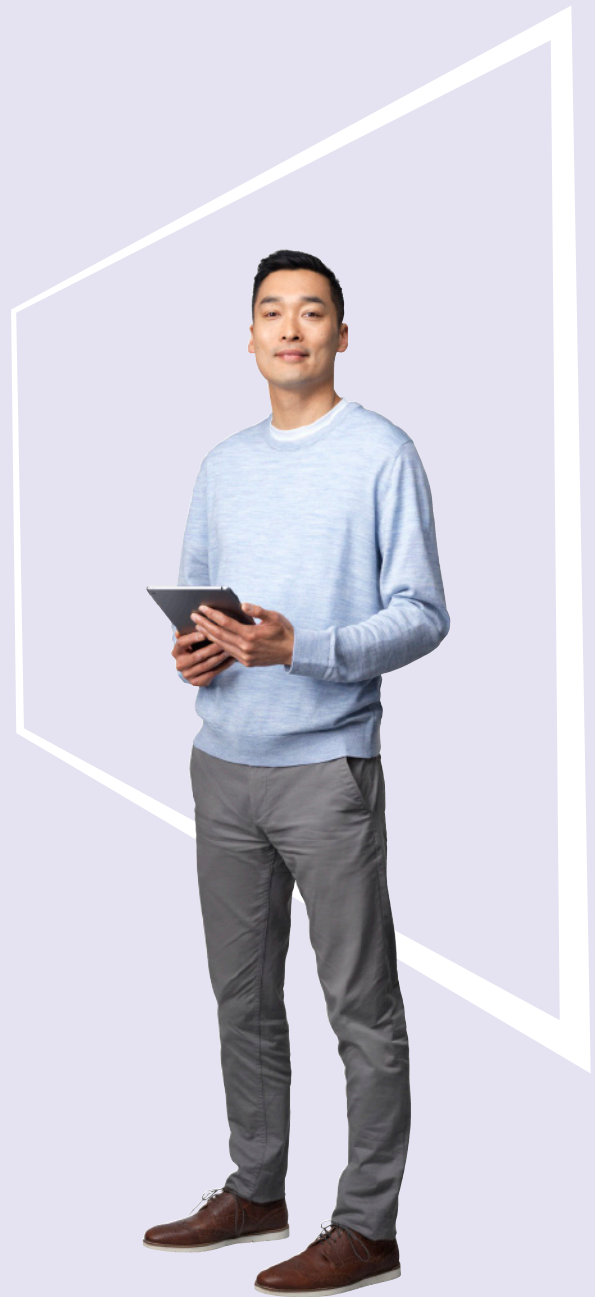
### ZERO TRUST

Our technology is completely flexible to cater for a myriad of network infrastructures including Web only/ Zero Trust environments.

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## LET'S TALK

Get in touch now if you have any queries, would like to book a demo or would like to discuss how cloud printing can deliver significant benefits to your organisation.  
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