HP and Celiveo Enterprise High Availability capability



What if you could...

- Decommission all print and print-related servers across the organisation without moving to the cloud?
- Decommission all print and print-related servers across the organisation and move to the cloud on demand, with print jobs able to stay local?
- Simplify print queue management while minimising print infrastructure investments?
- Give users the mobility they demand to access print jobs where and when they need to, in the office and even at home?
- Print from virtual cloud desktops and Google™ Chromebooks?
- Increase document security and eliminate bad printing practices, including failing to retrieve prints?
- Control access to printers—as well as print jobs, copy, scan, email, fax, and workflow solutions—using only a corporate ID or smartphone?
- Protect confidential documents through strong authentication and print data encryption methods at your printing and imaging devices?

With HP and Celiveo Enterprise High Availability—you can!

The challenge

Protecting and controlling print environments can be costly and complicated, especially when you rely on print servers to connect user PCs to your fleet of printing and imaging devices, or when users work from home. Secure pull-printing and authentication solutions can provide your organisation with a better way to safeguard documents and devices, but they often put a hefty strain on your IT infrastructure—because more sites and printers mean more servers.

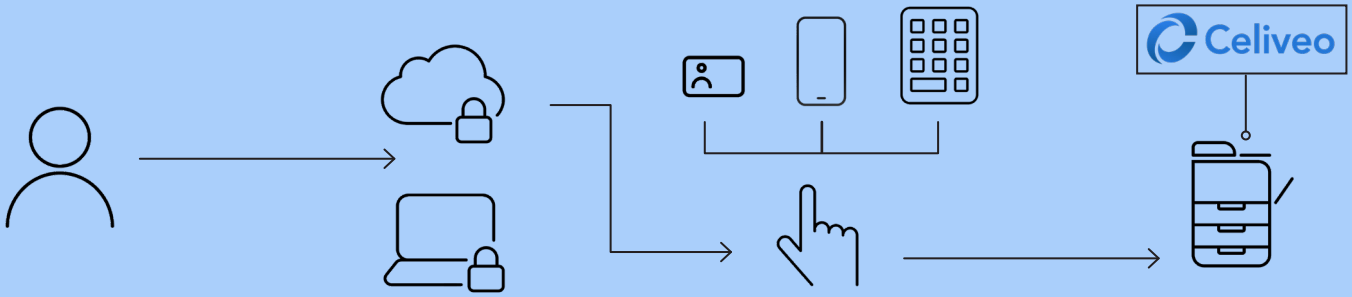
The solution

The HP and Celiveo Enterprise solution is the industry's first serverless pull-printing solution, featuring ZeroServer™ technology that enables secure pull printing and strong authentication. Plus, get the added benefit of optional cloud management and cloud print.

Give users the ability to authenticate and pull print with ease—even without a network connection. The HP and Celiveo Enterprise High Availability capability leverages existing SQL server and LDAP/Active Directory instances without the need for a dedicated SQL server. Print jobs are stored on a user's PC or in the cloud prior to being released from virtually any networked device or home printer.[1] Office printers interact directly with the network environment or the secure cloud without having to rely on a server or gateway.

Get the flexibility to deploy a hybrid model, where jobs are retained on client PCs for some print jobs and on cloud, Citrix, VMware, or print servers for others.

High Availability



Users send confidential documents to be printed from a PC, Chromebook, tablet, or smartphone.

Documents are stored on users' PCs or in the cloud. PCs communicate directly with the IT infrastructure without having to rely on a print or application server, even for the cloud.

Users can authenticate with ease through a variety of methods. Authentication is processed by Celiveo Enterprise inside the HP printer. It is fast and works even in case of major IT disaster using secure local cache.

Users can release print jobs where and when they need them, in the office or at home.[1] If the SQL job ticket server is unreachable, the Celiveo agent in the printer reaches directly to the last known print job depository for the logged-in user.

Maximise security while minimising investment

Eliminate the need for print servers in branch offices and remote facilities. Celiveo Enterpise High Availability technology works even when the cloud, Active Directory, or SQL server are not accessible. It leverages existing SQL server and LDAP/Active Directory instances without the need for a dedicated SQL server. Alternatively, High Availability can use Microsoft® Azure regional datacentres without the need for an Azure subscription (beyond standard Microsoft 365 plans).

Print jobs are never lost—they flow directly from the owner's PC or cloud to the release printer—and there are no possible man-in-the-middle attacks thanks to Zero-Trust-Access security. In addition, print jobs become immune to unauthorised access by IT administrators.

Enhance device and user efficiency

Help spur productivity by giving users more time to work. Print jobs can even be created offline—for example, while on a plane. Users can then collect print jobs on any corporate or home printer when and where it's most convenient for them, helping reduce the risk of letting compromising or confidential documents sit unattended while waiting to be picked up.[1]

Simplify print queue management with secure pull printing. Now, users no longer have to search for the closest printer and can use Microsoft Windows® 10/11 cloud print queue.

Help users stay productive on the go

Enable users to print at any time and collect documents from any networked device—across the office or on the other side of the world—with total encryption.

Allow users to print secure print jobs on home printers through a web-based dashboard on virtually any device—PC, smartphone, and tablet—or through the control panel of an enabled printer or MFP.[1]

Safeguard devices and documents

Secure documents against hacking and unauthorized access using ECC certificates PKI double encryption (Zero-Trust-Access mutual TLS authentication, data flow, and print job content). Control access to printers with full granularity based on AD/AAD groups and strong PIN, cards, PKI smartcards, Kerberos, and dual-factor user authentication.

Configure print jobs to be automatically deleted if they are not collected after a set period of time. Plus, give users the power to delegate print-job release to another user through workflow settings.



HP's three-part approach and high-level benefits

HP works with you to assess, deploy, and manage a printing and imaging environment tailored to meet your business needs, while helping you reduce costs, conserve resources, and simplify document-intensive processes.

OPTIMISE INFRASTRUCTURE

HP can help you achieve a balance between your total cost of printing and your need for user convenience and productivity.

MANAGE ENVIRONMENT

Working together, HP can help you maintain your optimised infrastructure while improving business efficiency and tightening security.

IMPROVE WORKFLOW

By streamlining your document-intensive processes, HP can help you deliver a more efficient environment for capturing, managing, and sharing information.

Learn more at hp.com/go/secureprinting

[1] Available with Celiveo 365

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