

Eliminate print servers, optimize IT costs & management

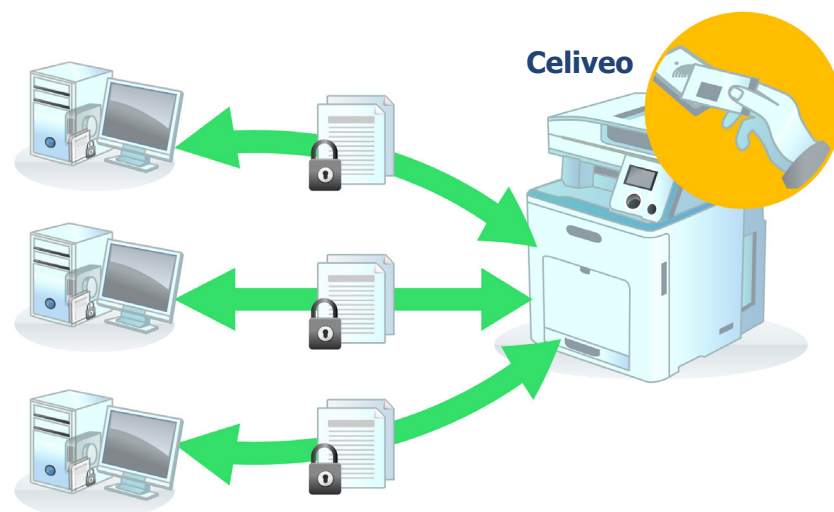
Celiveo Enterprise serverless pull printing

Celiveo Enterprise provides an industry first enterprise-class serverless pull printing solution delivering secure pull printing with or without print job retention servers and authentication gateways or databases.

With Celiveo's serverless configuration, print jobs are stored on users' PCs, pending their release from any printer in the organization, utilizing the Local Area Network (LAN) to handle printing traffic. Achieve the minimized network bandwidth benefits of direct IP printing with the security, cost savings and convenience of pull printing. Take serverless a step further by configuring the printers to authenticate directly against Active Directory.

Unlike our competitors, there is no per site master-slave server requirement with Celiveo's authentication or pull printing solutions. Utilizing Celiveo's lightweight regional or global job ticketing system your need for a server is reduced to one per 2500 printers.

Is bandwidth a concern in some locations but not in others? It is possible to have a hybrid model where print jobs are retained on client PCs for some sites and on print servers for others, getting the best of both technologies with full interoperability.



Customer Benefits:

Serverless Authentication and Secure Pull Printing

- Celiveo is able to operate without an application server where the solution running on the printers interacts directly with the network environment.
- Remove application and print servers without sacrificing functionality like quota or rules-based printing.

High Availability Authentication and Copying/Printing

- Authenticate and copy on MFPs without a network connection and without losing any security and rights management features. If the connection to the SQL server is lost, the printer retrieves print jobs using cached information.
- This architecture provides a high availability solution applicable even to small remote branches with a small number of devices and/or users.

Employee printing costs a company, on average, between \$600 and \$1300 per year. A majority of this cost goes to pages employees never retrieve from the printer.

The average employee prints 6 wasted pages per day or 1,410 pages per year. On average, one printed page costs \$0.06, which means one employee could be costing an organization \$85.00 or more because of wasted printing.

The typical employee uses 10,000 to 20,000 sheets of paper per year. Reducing misprints, reprints and unclaimed print jobs could reduce printing costs by up to 30%.

The manufacturing and use of one printer cartridge emits 4.8 kg of carbon dioxide.

Efficiency

- No "printing and sprinting." Users can continue to work after printing, collecting print jobs when it is most convenient and eliminate the risk of exposing confidential information to others.
- Simplify print queue management with pull printing. By utilizing a single Celiveo print queue users no longer have to search for the printer closest to them.
- Leave user management to end users thanks to Celiveo's self-enrollment feature. With the self-enrollment feature, end users can enroll and unenroll without the help of IT or Security support.

Mobility

- Authenticate and retrieve print jobs from any Celiveo enabled printer in the network whether the printer is on a different floor or on the other side of the world.
- Pending print job management can occur through a web-based user interface via the user's PC/smartphone/tablet or supported Celiveo embedded multifunction printer control panel.

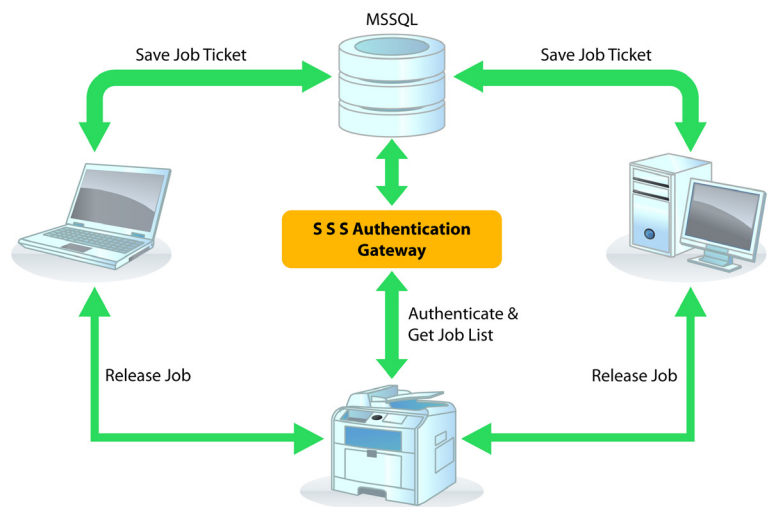
Secure Printing

- Secure confidential documents and reduce consumable usage by requiring user authentication at the enabled printer prior to document release.
- Configure print jobs to be automatically deleted after a configurable amount of time. Purging print queues further eliminates security risks and printing mistakes saving up to 30% in print costs.
- Utilize the delegation feature to allow users to print to other users' print queues and eliminate the need to "hand off" documents.

Minimize Infrastructure Requirements

- Eliminate print servers in branch offices, remote facilities, main offices and data centers. Printing occurs directly from the client PC to the printer over the Local Area Network (LAN).
- Wide Area Network (WAN) traffic is reduced to only job ticket traffic. One server is required per 2500 printers.
- Redundancy is supported via Microsoft Windows clustering (active-passive) or failover via an additional job ticket system.
- Celiveo utilizes existing enterprise SQL instances to eliminate the need for a dedicated SQL server.

The Celiveo Enterprise server-less solution is fast and feature rich with high resilience and failover capabilities and has no limit to the number of printers added to the solution architecture.



Celiveo products are available in most countries worldwide. More information at: www.celiveo.com

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