LRS Internet Printing

Print securely over the public Internet; any document, anytime, anywhere

Welcome to the new world of "anytime, anywhere" printing

In the past, computing environments were simple. The various business applications, PCs, and the employees who used them were managed within your corporate network. Defining and managing print delivery and security were handled within your network.

Today, your IT systems must accommodate users who work from the office one day, from home the next, and sometimes at other offsite locations. Users should not have to juggle different ways of printing for desktop versus enterprise applications or need to change how they print based on where or when they happen to be working that day. Printing should be simple, seamless, and secure.

How do you provide printing that meets each of these criteria while leveraging the ubiquitous public Internet?

The answer is Internet Printing software from LRS.

A secure printing solution that's as flexible as your business

LRS® Internet Printing software gives you a way of defining, managing, and supporting print anywhere users can access the public Internet. By eliminating the need for VPNs and other network infrastructure, the solution minimizes cost and complexity in your environment.

Making it possible is the Personal Print Manager (PPM) client. This lightweight component handles user authentication, secure transmission to the output device, and print tracking/statistics. With support for Windows, Linux, and Mac desktops, the PPM client bridges the gap between your users and the LRS software in your data center.

Users working from home or another remote location may need to print on devices not defined to your central VPSX® system. The new "PPM Local Delivery" capability extends reliable document delivery to these devices while tracking print usage.
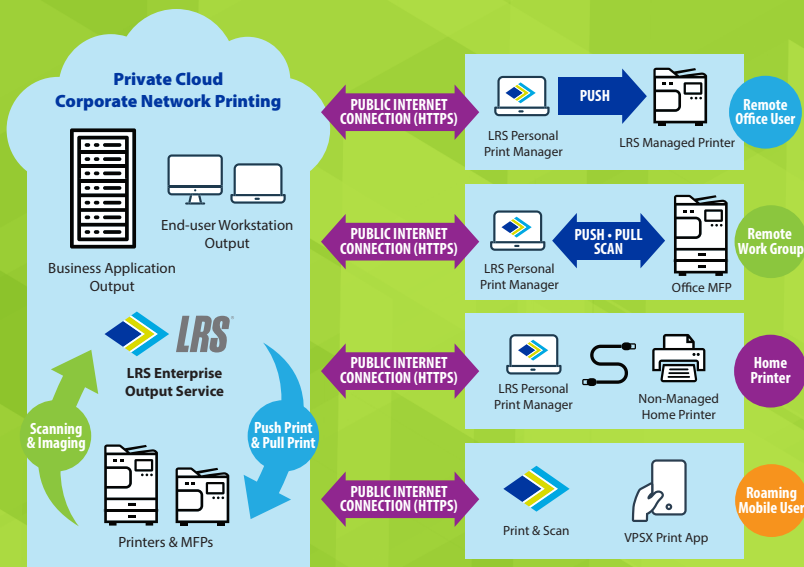
LRS Internet Printing Features & Benefits

The LRS Internet Printing solution extends the capabilities of VPSX Enterprise Output Management software, enabling your organization to:

Save Money: Eliminate network expenses related to leased lines, WAN expansion, and VPN software and hardware.

Reduce complexity: Manage the print jobs and devices of your external users just like those of your internal users. This improves administrators' ability to control and track jobs and simplifies troubleshooting. At the same time, it gives end users a simple way of printing on any device in any location.

Improve Security: Robust encryption can protect documents while at rest on your server, as they are moving across the open Internet, and in the remote location where the printers reside. Proven user authentication and authorization measures protect access to sensitive data.

The vision of LRS Internet Printing:

- Support all print features and functions currently available in the on-premise corporate network environment…

- Using the public Internet as the infrastructure that connects the data center, print devices and users…

- While leveraging proven encryption and user authentication/authorization protocols to ensure security

Technically Speaking

What does LRS Internet Printing do?

LRS Internet Printing software enables organizations to monitor and control user printing both inside and outside the corporate network. All print-related network traffic is sent using HTTPS to protect sensitive data while it is moving across the public Internet. User authentication and authorization can leverage internal or external security facilities (e.g., Microsoft Azure AD).

How do remote print devices differ from those in my corporate network?

From an administrator perspective, very little. Remote print devices appear in the same VPSX admin console as other printers. As always, you can track how much is printed, when, where, and by whom for security and cost control.

Does any extra software need to be installed on the user workstation?

The Personal Print Manager (PPM) client must be installed on end-user workstations in order to facilitate user authentication and encrypted document delivery, print tracking, and centralized management. PPM client software is available for Windows, Mac, and Linux workstations.

What firewall changes are needed to enable print over the public Internet?

No changes are required on the firewall protecting the remote environment, as the PPM client initiates print requests from inside the firewall using the HTTP and/or HTTPS ports that are normally left open for Internet traffic. At the location where the VPSX server resides, LRS takes advantage of your existing secure traffic manager solution or DMZ strategy to ensure your data is protected.

Which protocols are supported?

The LRS Internet Printing solution leverages commonly used networking standards, including:

- HTTPS for encrypted transmission across the open public Internet

- IPPS for data protection once documents are received on the remote LAN

- IPP and ZPL print protocols for processing of various data types and devices

How does LRS Internet Printing help end users?

The software makes printing from a remote site outside the corporate network as easy as printing at your headquarters building. It also shifts the burden of print configuration and trouble-shooting away from end users and back on IT administration staff.

Discover the benefits of secure printing over the public Internet.

Visit www.LRSOutputManagement.com to learn more about our Internet Printing and other output management solutions.

LRS®
OUTPUT MANAGEMENT

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