LRS Virtual Session Printer Agent
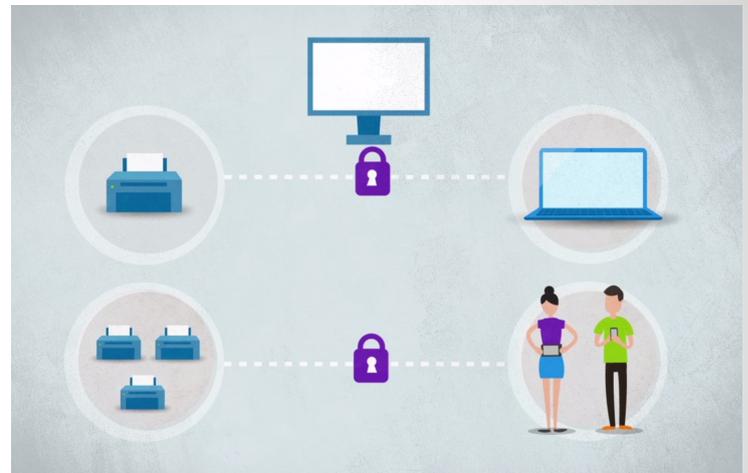## Simplify printing from virtual desktops & applications

Get more from your virtualized infrastructure

Today, businesses are looking to save money and IT effort by replacing user desktop PCs with thin/zero clients and trading their physical application servers for virtual ones. Aside from the bottom-line benefits, virtual desktop infrastructure (VDI) solutions and application virtualization servers offer improved user mobility, information security, and resource utilization. Unfortunately, printing in these environments can be complicated for end users to understand and difficult for IT to manage.

Virtual Session Printer Agent (VSPA) for VPSX® software helps your organization realize the benefits of application and desktop virtualization while making printing simpler for your end users. At the same time, VSPA gives your support staff a flexible, scalable facility from which to manage document delivery throughout your network.

Result? The power to reduce costs, boost IT & user productivity, and improve your critical business processes.

VSPA ensures the right printers are associated with the right terminals, regardless of application or virtual desktop session status.

Better VDI printing for end users — and the IT workers who support them

Printing from virtual desktops can be problematic. Unlike traditional Windows desktops, there is generally no persistency between desktop logon/logoff sessions in a VDI environment. So when a user adds or deletes a printer during a VDI session, that change is lost at logoff. Likewise, when a user roams from one terminal to another, their list of available printers does not change to reflect the new location. This leads to frustration that impacts user productivity and increases the burden on IT support staff.

The **Virtual Session Printer Agent (VSPA)** solution brings VDI printing support to your LRS® output environment, enabling you to:

- Easily associate users, printers, and terminals in an intelligent, straightforward manner
- Support printing from any vendor's terminal hardware — or multiple terminal types — for greater flexibility
- Implement "proximity-based" printing, so users can conveniently print nearby as they move from one terminal to another, regardless of user logoff or disconnect status
- Eliminate the need for terminal hardware-based print spooling
- Provide users the ability to add and delete printers to their virtual desktops without IT intervention and ensure that these changes are persistent across virtual desktop sessions

VDI Environments Supported:

The VSPA solution works with Citrix XenDesktop VDI desktops and VMware Horizon (with View) VDI desktops (4.0 or higher). It allows an organization to reap the benefits of virtual desktop deployment without negatively impacting their document-related applications and business processes.

Supported Platforms:

The VSPA solution consists of a Windows desktop agent that executes as part of the master desktop image and a web application for administrative tasks that is part of the LRS output solution. The VSPA web application lets administrators manage a central printer database that maintains the relationships between users or terminals and their printers, and it can be accessed from any computing platform using a standard web browser. LRS Output Management software runs on the following platforms:
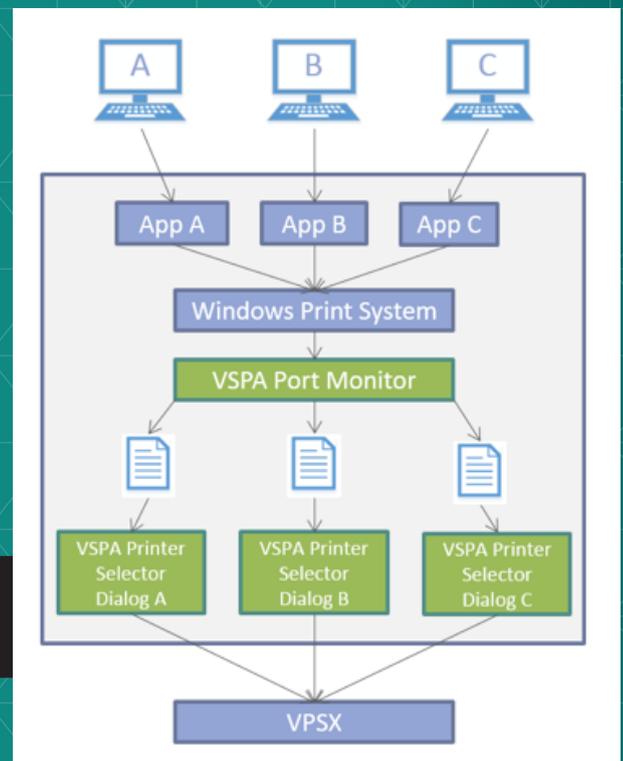
- Microsoft Windows
- IBM AIX
- HP-UX
- Sun Solaris
- Linux
- Linux on IBM System z

VSPA for Virtual Applications — at a Glance

The VSPA solution is comprised of three primary components:

- VSPA Port Monitor – receives print job data and spools to a local file
- VSPA Printer Selector – lets user select a VPSX print queue that sends file for print
- Windows Printer Object – configured to use the VSPA port monitor

Output flow from virtual application print request until successful print:

Streamlined Printing Support for XenApp and Windows RDS Environments

Citrix XenApp and other application virtualization solutions let organizations deploy business applications to any computing device, securely and in a cost-efficient manner. Provisioning the printers to go along with them can lead to frustration for IT administrators and users, however.

For IT groups, application virtualization offers the promise of a more standardized environment for managing applications, but it does little to simplify printing. Administrators must define multiple printer objects on the application servers to meet the needs of their users, but printer drivers are a common cause of server instability and downtime.

Moreover, users demand flexibility and want more control over the printing process, including the devices that they can print to. This includes the ability to search and select printers as well as specify copy count, color/monochrome, duplex/simplex and other print attributes.
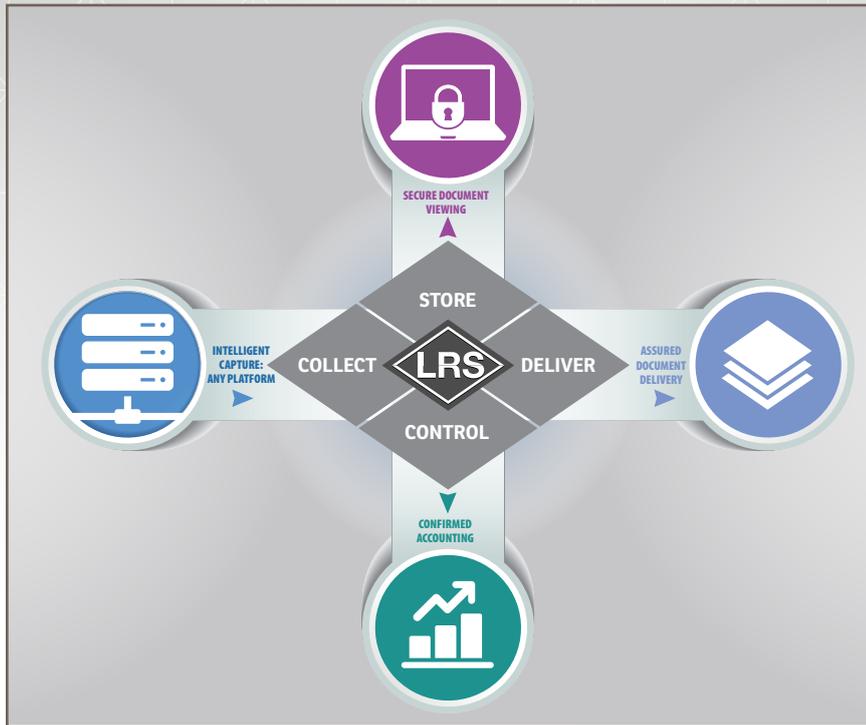
So, how can IT organizations simplify printing in a XenApp environment, while improving the stability of application servers and enhancing the experience of both administrators and users? VSPA makes it happen, and it does this by letting users print through one or more generic printer objects to any network printer in the enterprise.

VSPA software lets administrators greatly minimize the number of printer objects defined on their XenApp application servers. Through the use of Universal Print Drivers, admin staff can minimize the overhead and complexity of their XenApp print environment.

From the user perspective, employees are no longer limited to the available printers defined on the XenApp application servers. The VSPA Printer Selector lets users dynamically select any printer for their application output. Users can also easily add and delete printers as well as conveniently search for printers in their area, improving mobility.

Empowering users while enhancing stability and easing the burden on IT staff. A true win-win situation for everyone.

SECURE DOCUMENT VIEWING

STORE

INTELLIGENT CAPTURE: ANY PLATFORM

COLLECT · LRS · DELIVER

ASSURED DOCUMENT DELIVERY

CONTROL

CONFIRMED ACCOUNTING

LRS Output Management software collects documents from Windows, UNIX, Linux, mainframe, and other platforms and makes them available to stakeholders throughout the organization in hardcopy and electronic form.

The LRS Enterprise Output Management Solution

VSPA software enables virtual desktop and virtual application users to leverage the full LRS Enterprise Output Management solution; a robust, scalable platform that helps organizations reduce costs, increase efficiency, and improve service to internal & external stakeholders.

With more than 30 years of experience and over 5,500 installations worldwide, LRS maintains a singular focus on providing the world's most reliable and feature-rich output solution. For more information about LRS solutions, click here or contact your LRS account executive.

Discover the benefits of automating document processes.

Visit www.LRSOutputManagement.com to learn more about LRS output management solutions.

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