

Output Management for SAP

WHAT is VPSX for SAP?

The **VPSX/OutputManager™** solution provides guaranteed delivery of business-critical application output with real time user feedback. Based on 30 years of output management history, VSPX will help you transform your print environment.

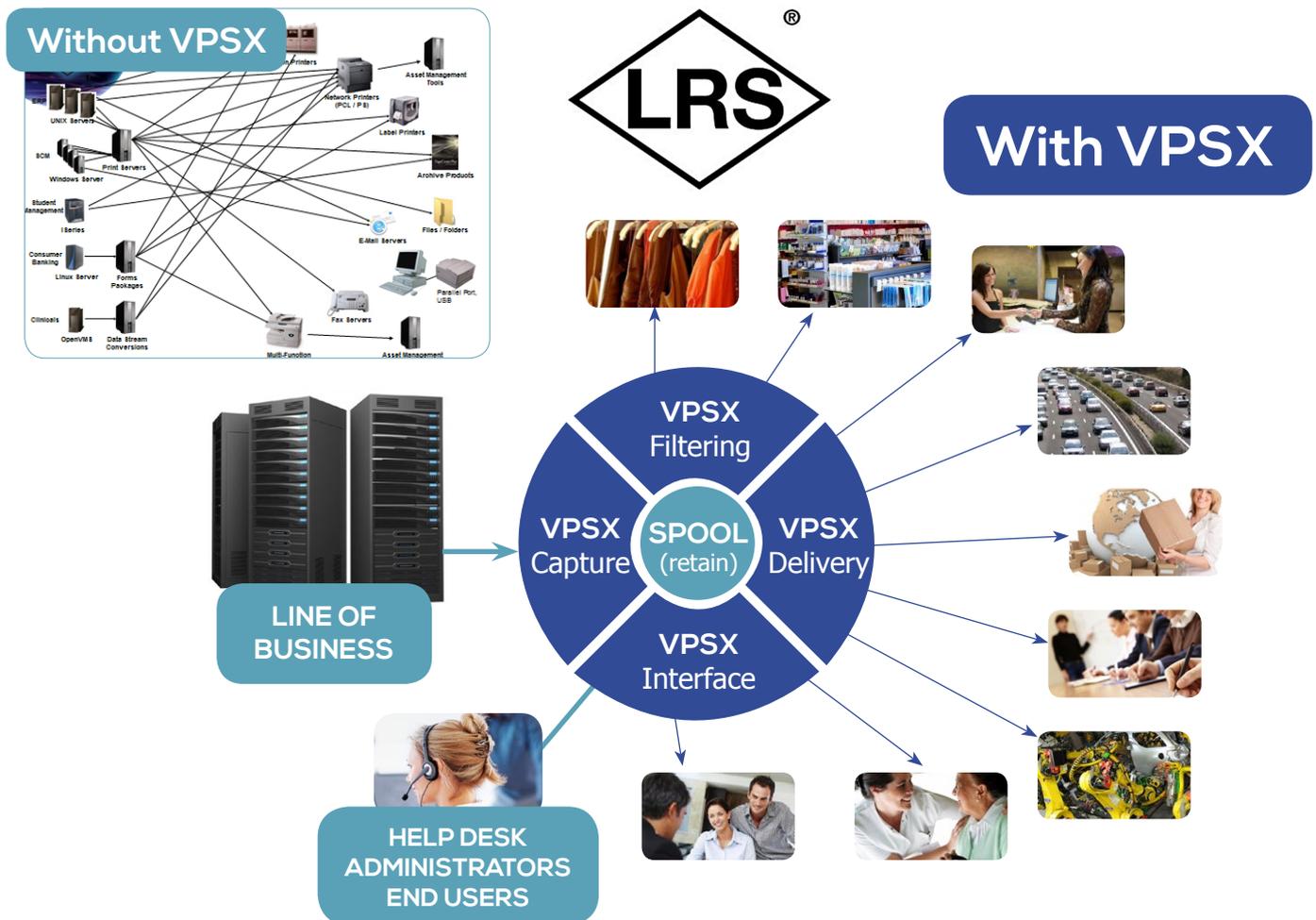
This **SAP certified Output Management Solution** reduces print related problems, enabling better service levels with fewer resources and consolidate platforms and eliminate multiple printing systems

Scalable Enterprise Architecture

- > The **VPSX design** employs an efficient single-process / multi-thread technology, enabling one system to drive thousands of printers concurrently without experiencing CPU or memory constraints
- > This **vertical scalability** is matched by robust horizontal scalability; a single web-based control interface can control any number of VPSX print servers, with user security features

VPSX and redundancy

In highly critical SAP environments, VPSX itself can provide an alternative to clustered systems. The SAP BC-XOM interface leverages an LRS job submission utility that is installed on the SAP spool server called LRS/Queue. The LRS/Queue executable is called by the SAP spool work process to send output requests to the VPSX server. A parameter can be passed to LRS/Queue in order to initiate an automatic failover to a backup VPSX print server when the primary VPSX server becomes unavailable.



VPSX Security features

VPSX provides 128, 192, and 256-bit AES (RIJNDAEL) encryption of print streams for delivery to a wide variety of decryption-enabled devices. Organizations can also encrypt data sent to VPSX from their applications.

Some of the features

- > Leverages the SAP-designed BC-XOM Callback interface to offload processing of SAP output
- > Communicates directly with printers using SNMP and PDL to ensure each page is physically printed
- > Informs SAP users about document status via synchronous or asynchronous notification
- > Provides extensive log management and configuration facilities
- > Supplies efficient page-level accounting to aid in print cost recovery and departmental chargeback
- > Supports email delivery of status notifications, text documents, and binary file attachments
- > Supports Internet Print Protocol (IPP), enabling VPSX to provide output management and accounting for Windows, Unix, and other platforms
- > Converts SAP, PDF, and other output formats for use on a variety of printers and devices
- > Performs software based printing of OTF Bar Codes from SAP, eliminating the need for costly printer SIM cards
- > Integrates with custom web application environments (e.g. MySAP.com) through SOAP support

Supported Platforms

VPSX software runs on the following platforms: AIX; HP-UX; Tru64; Linux for zSeries; Intel; Sun Solaris; Windows.

BENEFITS of VPSX Support for Industry Standards

- > **HTML** - standard browser based interface for crossplatform consistency
- > **SOAP/XML** - protocol for communication between various VPSX components
- > **POSIX** - full **POSIX** compliance ensures support for most popular platforms
- > **PDL & SNMP** - protocols for communicating real-time status of output devices
- > **PAM** - security interface that works with an organization's existing user authentication modules
- > **W3C Extended Log Format** - Web server protocol facilitates analysis of VPSX data with standard tools



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