



VPSX

Robust Output Management for Oracle Application Environments

The VPSX® solution provides guaranteed delivery of PeopleSoft, J.D. Edwards, and other Oracle application output with real time user feedback. This proven output management solution reduces print related problems, enabling better service levels with fewer resources.

The VPSX output management solution provides assured delivery of critical business documents and helps organizations:

Eliminate print problems and unnecessary costs

Many organizations rely on standard open systems print services for their Oracle Financials, J.D. Edwards, and PeopleSoft output. Often, critical documents are lost or delayed, directly increasing bottom-line costs. Business processes grind to a halt as employees have to re-generate HR, CRM, supply chain, and other documents. The costs are staggering and the impact on your business can be immeasurable.

When printing is critical to your operation, standard operating system print capabilities are not enough. VPSX software provides assured document delivery and eliminates the need to allocate IT and human resources for document management. Advanced logging and analysis capabilities also capture printing metrics for use in auditing, print cost recovery, and user trend analysis. Most importantly, VPSX software

enables organizations to focus on improving business processes instead of reacting to printing problems.

Consolidate platforms and eliminate multiple printing systems

VPSX software runs reliably on common Unix, Linux, Windows, and other open systems platforms. True multi-platform support helps companies running PeopleSoft, J.D. Edwards, and other Oracle applications to standardize platforms while delivering a uniform level of functionality and performance. Through VPSX support for standards like SNMP, SOAP/XML, PJI, and PAM, the solution helps companies fully exploit the capabilities of their existing printers, servers, and applications. This standards-based approach protects current IT investments from becoming obsolete as future technologies emerge.

Example: A large multi-campus university system eliminated multiple disparate printing systems for their PeopleSoft, J.D. Edwards, and other critical documents. The VPSX solution provided the

Companies spend time and money tailoring Oracle applications for their business needs. Valuable information from these systems comes in the form of documents – delivered to users in a reliable, cost-effective way by the VPSX solution.

university a scalable single point of control for all of their open systems output needs. This enabled them to eliminate unnecessary hardware, improve the speed of document delivery, and reduce staff time spent on printing problems by 75%.



In Oracle environments, print problems quickly affect all business stakeholders. VPSX software decreases the occurrence and impact of print problems on users, systems and applications staff as well as customers.

VPSX Technical Highlights

The VPSX solution provides a central point to manage all output, monitor device status, and notify users and administrators of issues before they become problems.

Scalable Enterprise Architecture

The VPSX design employs an efficient single-process / multi-thread design, 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.

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.

Supported Platforms

VPSX software runs on AIX, HP-UX, Tru64, Linux for zSeries or Intel, Sun Solaris, and Windows platforms.

VPSX Functional Component Overview:

Client Input: Applications on any platform can send output to a VPSX server using LPR and IPP clients. In addition, the powerful LRSQ command provides data compression, encryption, and greater control. VPSX software automatically identifies binary data types to trigger data stream conversion or to invoke viewers.

Spooling: The VPSX design supports scalability, stability, and high print volumes. The VPSX spool provides print status and time-based retention, printer pooling, as well as automatic error recovery. VPSX software also provides automated spool management facilities.

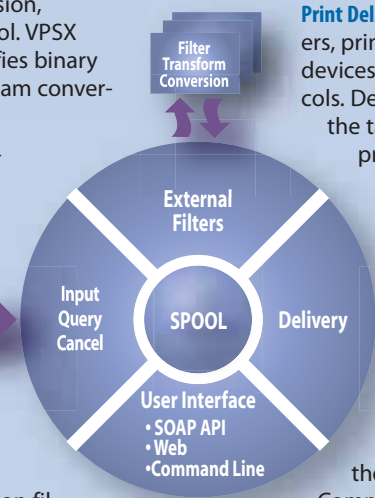
Conversion Filters: VPSX conversion filters can transform common data formats into an appropriate format for a given output

device. The modular design ensures that any problem in an external filter or routine cannot affect stability.

Print Delivery: Output is delivered to printers, print servers, fax servers, and other devices via LPD, IPP, or Sockets protocols. Depending on the capabilities of the target device, VPSX software can provide page-level control, display detailed job and device status information, and send or receive encrypted data.

User Interface Control: VPSX administrators and users can control one or more systems via an easy to use Web interface, eliminating the need to install client software.

Command line and SOAP interfaces are also available to facilitate integration with custom applications.



VPSX Features for the Oracle Application Environment

- Supports scalable, cluster capable high availability environments
- Communicates directly with printers using SNMP and PJI to ensure each page is physically printed
- Informs system users about document status via synchronous or asynchronous notification
- 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 PDF and other output formats for use on a variety of printers and devices
- Provides extensive log management and configuration facilities

VPSX Support for Industry Standards

- HTML – standard browser based interface for cross-platform consistency
- SOAP/XML – protocol for communication between various VPSX components
- POSIX – full POSIX compliance ensures support for most popular platforms
- PJI & 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

Call us at 217-793-3800 or email us at VPSXDemo@LRS.com to find out more.