DRS

Enabling Your
Enterprise Output Server

Your business-critical documents are generated by a diverse range of applications on multiple operating systems. Most of these applications lack the capabilities necessary for managing the delivery of documents to the appropriate destination, such as a printer, fax, email address, web browser, or something completely different. Print management functions native to each operating system are usually very limited and differ widely between each platform.

The result is a lack of consistent document management and control, unnecessary complexity, inferior error recovery and poor utilization of your existing resources—including hardware, software and skills. That can ultimately lead to poor quality of service to your customers, high operating costs for your organization, and difficulty in implementing change.

Because business processes and IT infrastructure inevitably change, your document management capability must be able to accommodate change without increasing costs or adding new problems. For more than 40 years, the world's leading businesses have relied on LRS® solutions to help them adapt to change and efficiently manage the distribution of mainframe-generated documents throughout the enterprise.

LRS solutions integrate to build a complete Enterprise Output Server—a single, highly scalable and reliable document management and delivery solution for your entire organization. The Enterprise Output Server provides facilities for managing any number of print, fax, email, archive and other devices, benefiting from application independence, complete control, and a common user interface. By separating the document delivery mechanism from the platform and application, the Enterprise Output Server enables documents to be delivered via alternative channels and helps your organization easily accommodate future requirements.
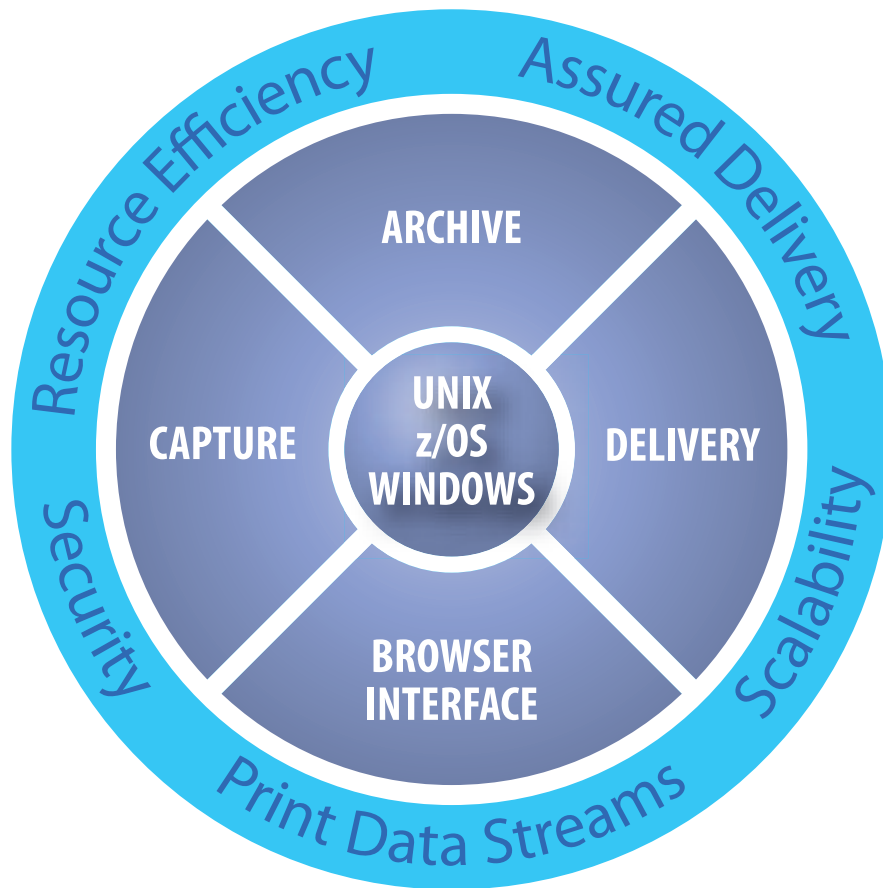
The DRS Solution

The Dynamic Report System (DRS) family of products provide extensive facilities to capture, monitor and control documents created by any application in the organization—bringing those documents under the control of the Enterprise Output Server.

Enterprise Output Server

LRS offers the software solutions which integrate seamlessly to provide a complete Enterprise Output Server—a single, highly scalable, reliable server which can handle a large volume of documents. With LRS® solutions, you have the flexibility to implement the server components you need, including document capture, archive, delivery, and a consistent user interface regardless of the user's platform. Design your Enterprise Output Server to capture documents from all the platforms you use and deliver them to all the destinations on your network, including printers, fax servers, email addresses and web browsers.

The DRS solution provides document input, query, and cancel functionality for your output server. DRS captures documents from multiple platforms, tracks those documents to their delivery, and enables end users to monitor document status and cancel processing if necessary.

DRS Functional Overview

Multi-platform Support

DRS extends the functionality of the LRS® Enterprise Output Server to all platforms—providing facilities to capture, manage and control documents originating from any host. By implementing standard network protocols, DRS is able to receive documents from most operating systems. For extended control, DRS also provides a simple client interface, available for most common platforms, which provides direct control of document submission attributes and processing options and enables remote users or applications to query or cancel previously submitted documents.

Managed Delivery

DRS manages the delivery of documents submitted to the Enterprise Output Server by continually monitoring the status of all documents—from creation to final delivery. Each output request is assigned a unique document tracking number that can be used to query the status of the print request at any point during its processing. Full tracking information is also available through remote client query by using the DRS user interface.

Integration with SAP Solutions

As a certified SAP® software partner, LRS has developed a simple and flexible solution specifically to provide seamless integration with SAP applications running on any platform.

Using DRS/OutputManager, SAP applications offload the management of document delivery while maintaining complete control and report status feedback. DRS/Output Manager uses Job Callback to update report status in the SAP database as document events occur. End users receive accurate status information via the SAP spool interface.

Administrators can request event notification appear within SAP applications as a popup window, informing the originating user of major events such as Printed, Printing Error, Waiting, etc. DRS/OutputManager reduces the complexity of managing large numbers of SAP spool servers, providing a single point of control for maintaining all output, devices, and routings.

End users at a healthcare system generate thousands of documents daily using applications on z/OS mainframe and multiple UNIX hosts. Documents lost during transmission to one of hundreds of printers were nearly impossible to find. The healthcare system implemented a DRS solution to centralize output management and gain automatic error detection and recovery. The result is fewer delayed or lost documents and less help desk time dedicated to looking for reports.

capture

Natural Integration

Developed in conjunction with Software AG, the DRS Natural interface enables applications written using the Natural development environment to utilize the Enterprise Output Server for document delivery. This solution greatly enhances the printing features and delivery channels available to Natural applications, and can be implemented without changes to the underlying business applications.

User Interface

The DRS solution includes tools enabling users from any platform to utilize a simple web interface to monitor and control the status of their documents. Users can view documents in text form or displayed WYSIWYG with the appropriate browser plug-in. Administrators with 3270 access to the mainframe can utilize the DRS 3270 interface.

SNA Application Migration

Thousands of companies worldwide use DRS to capture documents from SNA applications, allowing these documents to be rerouted to any output device. The original formatting controls can be retained for document formatting enhanced using AFP resources. These features are transparent to the originating SNA application and can be implemented without changes, enabling simple migration to a total TCP/IP network.

Secured Transmission

To protect your sensitive or confidential reports, the LRS Enterprise Output Server enables the encryption of documents transmitted between its components on different hosts, or to suitably equipped printers, using the Advanced Encryption Standard. The LRS product suite supports the exchange of encrypted data between NT, Unix and z/OS servers.

Central Control

The DRS solution offers organizations a single point of control over all output using a common user interface. It is the key enabler for the extensive functionality of the LRS Enterprise Output Server.

A bank with numerous branches utilized a payroll system running on a Microsoft Windows server, which produced huge documents. Printing these documents involved multiple steps, and required operator intervention, and took days to complete. Implementing a DRS solution automated the printing process, eliminating steps and intervention. The result was more efficiency and less cost.

monitor control

The Enterprise Output Managers

LRS has been providing solutions for the evolving Enterprise Output Management needs of organizations around the world for more than 40 years. More than half of the Fortune 500 and Fortune 500 Service companies rely on our industry-leading software for capturing documents and delivering them to diverse network destinations.

As the recognized Enterprise Output Managers, we are dedicated to constant innovation as we continue to develop the output management solutions that meet today's needs and anticipate tomorrow's demands.

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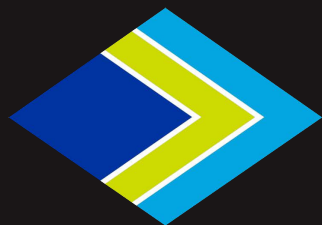GERMANY   Phone: +49 (0)811/99 73 90

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