



Document Navigator and Output Solution for SAP®

Meeting cross-transactional search, batch and package output needs for supporting documents

Situation

As a company running SAP, you have implemented standard SAP ArchiveLink based management of incoming/outgoing business documents. Your company often requires cross-transactional search and batch distribution of these documents to business partners, remote locations, and auditors. Such distribution includes mass printing, downloading, faxing or emailing of the archived documents. Although users can accomplish this for individual documents by opening them from specific SAP transaction and the document viewer one-by-one, this is not an efficient approach for a large number of documents.

Challenges

Since SAP spool does not handle archived documents and images, the only way to automate this is to write complex custom ABAP or user-exits. These need to interact with the application server operating system level or third-party tools to perform some of these actions. Even then, a mass archived document output operation may adversely impact SAP performance. ABAP driven content extraction from the content server, subsequent conversion, merge, and output will all heavily consume SAP system resources. In addition, your BASIS team may have reservations about installing third-party components on the application server.

Solution

Dolphin developed the Document Navigator and Output solution to meet specific cross-transactional document navigation, search and batch output (printing, downloading, e-mailing) needs. DNO solution includes APS (Archived Print Server) - a server-side component which performs the actual download (from ArchiveLink certified SAP or 3rd party content servers), transformation, merging, and printing/e-mailing of the documents.

Installed on a stand-alone web server or on the ArchiveLink certified content server itself, the server offers its functionality through a standard HTTP interface. This interface allows SAP customers to specify output options such as download location, printer name, and email addresses, along with a list of archive document IDs to process. The solution is capable of processing multiple batches simultaneously.

FI Invoice Selection Screen

Vendor Num.	Vendor Name	G/L Act. Num.	G/L Act. Name	Profit Ctr.	Company Code	Doc. Num	Fiscal Yr.	Post Date	Doc Type	Doc. Desc	Doc. Class
3980	Main Line Cleaning Services	491000		9151	3000	1900000000	2000	02/16/2000	ZXOSICINV	RC Intercompany Invoices	FAX
	Main Line Cleaning Services	491000		9151	3000	1900000000	2000	02/16/2000	ZXOSEXPRT	RC Expense Receipts	FAX

SD Order Hit List

Careful logical and physical separation of the batch data maintains batch integrity.

The second component of the solution resides within SAP. It includes a powerful cross-application Document Search and APS communication framework along with out-of-the-box DNO ABAP reports for most common type of SAP documents (e.g. FI invoices

or SD orders). The standard reports can be altered to meet customer specific selection criteria and business object requirements. DNO can also be used as simple and secure indexing, archiving and search interface for documents that do not have a direct relation to standard SAP transactions (e.g. SOX

documentation, or legacy system documents). This allows easy setup of document management scenarios leveraging existing SAP and ArchiveLink infrastructure for documents that do not need versioning or advanced but complex DMS features offered by SAP PLM DMS. DNO interface can be accessed either through SAP GUI or as a WebDynpro based web application that can also be deployed as SAP portal iView.

Another unique usage of the solution also allows “**package printing**” when the printing of support documentation such as Certificates of Analysis (COAs, MSDS, etc.) are needed with Deliveries or Purchase Orders. ABAP code is invoked from within output programs for specific SAP scripts. Any exceptions during batch processing are reported back to the calling ABAP and are accessible within SAP.

About Dolphin

Dolphin makes crucial business operations like data management, data archiving, accounts payable, accounts receivable and order management run better and smarter for organizations using SAP solutions. Focused on improving business performance through Information Lifecycle Management and Business Process Management, Dolphin produces the right solution for each customer, faster, through its unmatched experience in SAP technologies, and its proven best practices, tools and SAP add-on applications. Dolphin solutions improve business and IT performance, lower total cost of ownership and deliver high return on investment.

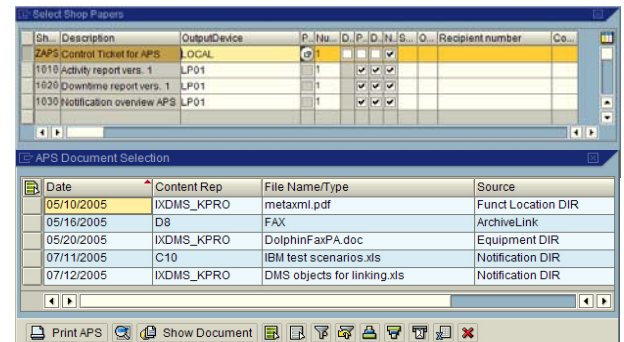
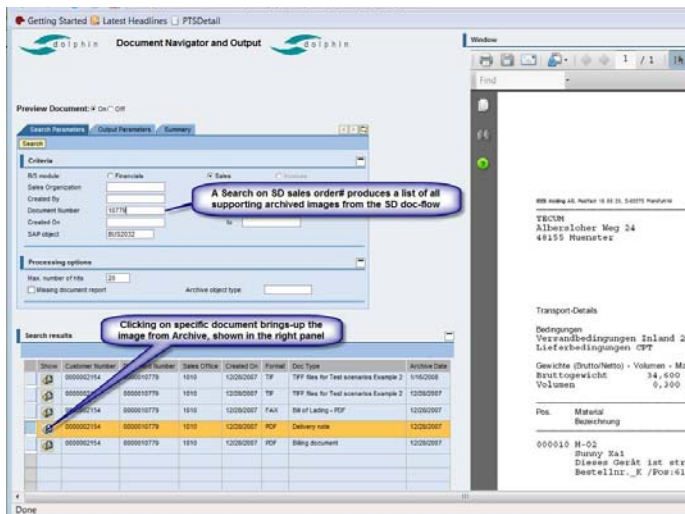
The company was founded in 1995 and has offices in Philadelphia, PA and San Jose, CA. Dolphin solutions are implemented across North America and around the world.

Visit us online at www.dolphin-corp.com to learn more!

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Solution Deliverables

- APS server module
- Packaged SAP DNO components including one example report
- Installation and initial configuration services
- Customization of one customer specific document selection report
- Documentation
- Warranty for 90 days following Go-Live for any bug fixes. (Extended warranty also available)



Smart Adaptable Proven™

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