

FACTSHEET

Business Printing

Printing and distribution for SAP® S/4 HANA



What is Business Printing for SAP?

Business Printing for SAP is the centralized control and supervision of all print jobs from SAP through the standardized interface for connecting external output management systems (BC-XOM).



How does Business Printing for SAP work?

Business Printing for SAP extends and optimizes the standard output functionality of SAP. It guarantees overall process transparency of the print output for users and administrators, significantly reducing manual efforts. In addition Business Printing for SAP provides a standardized interface for various output channels (Print, Fax, Email, Web, electronic) and guarantees high availability as well as improved system stability of SAP print outputs!



Who needs Business Printing for SAP?

Enterprises using SAP seeking and require an optimized output process.

SAP printing with SEAL Systems means...

- Easy generation and editing of forms
- Direct in SAP
- Through graphical environment (wysiwyg)
- Requires a single editing process followed by an automatic synchronization of all forms in an enterprise (for example, logo, changing standardized data, etc)
- On premise or cloud native



Advantages

- + Single point of administration for all processes and devices
- + Reduced efforts for forms generation and editing
- + Transparency of job status from beginning to end
- + Reduced hardware costs through software barcodes
- + Unicode support
- + High availability of the complete print output
- + Faster print processes
- + Investment protection through SAP certification

Business Printing for SAP®

Certified Integration through BC-XOM

For optimizing print output, SAP offers a standardized interface called BC-XOM (XOM = external Output Management) for connecting external output management systems to the SAP spool process.

By using this interface, print jobs for spooling, preparation and output can be transferred to external systems. Also, status feedback messages from output processes can be generated and evaluated.

SEAL Systems' output server (PLOSSYS®) supports connection methods for this interface through RFC or program call. The two supported methods for feedback are active and polling feedback. This enables a continuous status of the output jobs, within SAP, for the user. The PLOSSYS Integration is certified through SAP.

Print Distribution and Processing

Control of all output devices with SAPGOF

If the forms generation methods provided by SAP (Smartforms, SAPScript or ADS) are used all output devices connected to PLOSSYS can be controlled with one universal device type.

This significantly reduces company efforts for forms generation and editing while guaranteeing a standardized print layout of all forms (format, fonts, and software barcodes).

Integration of a forms management system for print data processing

In addition, Business Printing for SAP offers forms management and control integration with „Document Services“. This is an XML-based forms management solution for the collection of content and business information to create a standardized form layout.

This solution provides a seamless SAP integration along with other interfaces for an easy connection of mainframes and web applications. The forms can be generated and edited at a central point of administration and are available for all users according to the rights management settings. With

the collaboration of PLOSSYS, it is guaranteed that the correct layout is automatically selected according to the process or the selected output channel. The format is defined only once, providing identical output on each device.

Forms management with SEAL Systems

- Easy generation and editing of forms
- Direct in SAP
- Through graphical environment (WYSIWYG)
- Requires a single editing process followed by an automatic synchronization of all forms in an enterprise (for example, logo, changing standardized data, etc)



You can connect existing forms management solutions to the output management system.

Software barcodes

With the SAPGOF Interpreter provided with the Output Management Solution, barcodes can be generated as graphics and then printed on all output devices. As a result, it is not necessary that the printers have special barcode options or hardware extensions.

Bez.: ZUGVERBNDG VKT K4/A1 MONT GEBOG											
Versand FZT											
Auftragsnummer:				Materialnummer:				Prüflos:			
T1M	T1P	T2M	T2P	T3M	T3P	T4M	T4P	RM	RP	GM	GP
Bedarfsverursacher:				Kd.-Auftr.	Pos.	Menge	MB-Datum	Pl.-Prim.-Bedarf			
WT-METALLBAU G BAMBERG				1237219	000002	4	14.03.2005	000000857508			
Gesamtmenge Bedarfsverursacher =						4	Differenz = 4				
Zusätzliche Dokumente											

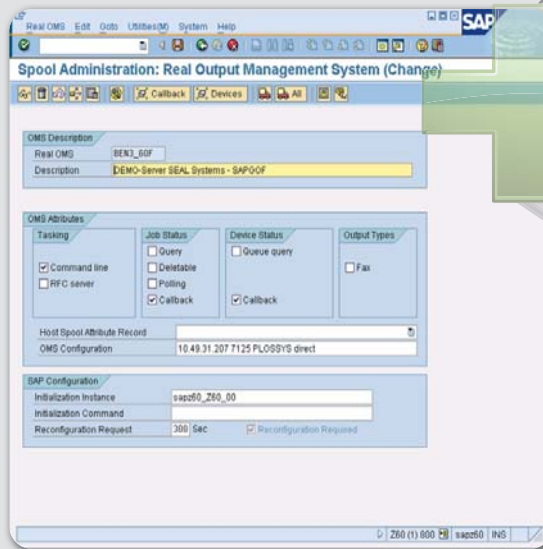
Spool only

There are methods available for quick integration into already existing output environments. This is known as the "Spool only" approach. In this case, the output data stream is device-specifically prepared in the SAP system. This allows the external output management system to work as an external spool server.

System administration

Centralized management of printers in all SAP Systems

Existing printer definitions can be exported from SAP systems, automatically transferred and stored in the output management system. New or replaced printers are added within the output management system for all SAP servers. Key users or local administrators can easily install printers of their own.



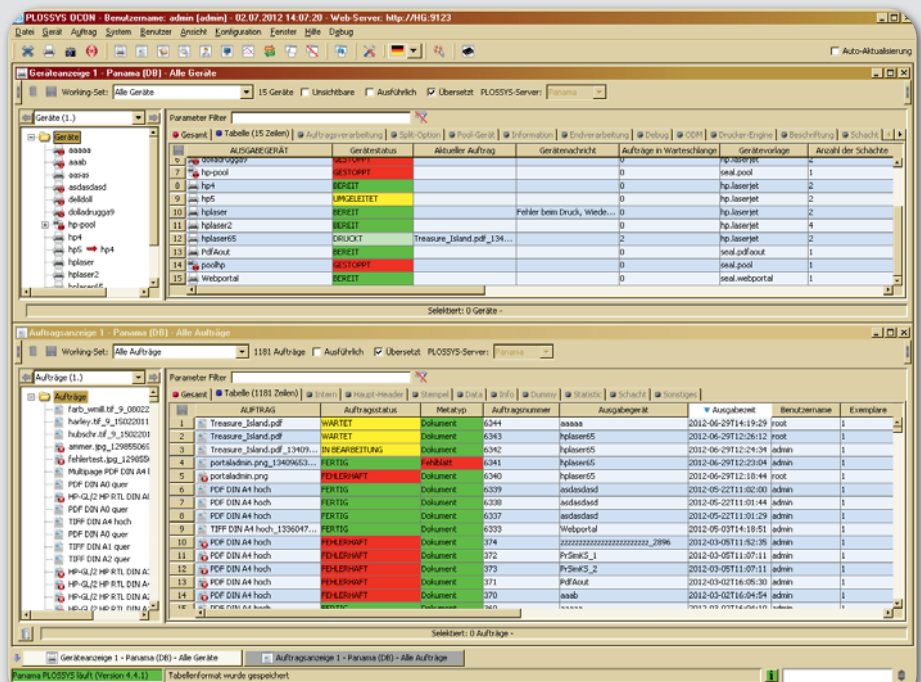
Simple installation, editing and overview of all printers

General system and process transparency

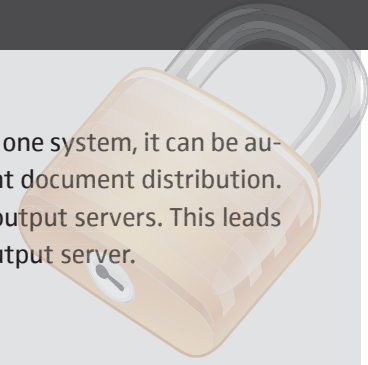
PLOSSYS offers different job tracking functions for users, system administrators or the help desk. Through backchannel data delivered from the output server to the SAP system, the user can get information about the status of the print job at any time. In connection with the Output Device Monitor (ODM), job tracking is possible from the minute the job is sent until it arrives as paper output. For system administrators and for the help desk, the Operator Console (OCON) provides a versatile tool to centralize supervision and control of the complete output management system.

Centralized supervision of print jobs for the complete output management process

Through a user friendly environment, output management is simple to administer. The help desk or system administrator is given an overview of the whole output management system, including single output devices or jobs. Jobs can be redirected to a different device in order to reduce downtime caused by a hardware issue or an error. In addition, a device can be stopped and restarted by the system administrator. Department-specific or location-specific administration is also possible if it is defined.



Centralized and clearly arranged system administration



High System Availability

A reliable system can be achieved through the installation of several output servers. If a job fails at one system, it can be automatically sent to the backup output server. This guarantees high system availability and efficient document distribution. Similarly, if all systems are running contiguously, a work load can be distributed evenly to all the output servers. This leads to an optimal system throughput, especially when using a centralized conversion process on an output server.

Options

Integration of business processes

The print output of SAP spool data can be combined with the document output functions from SEAL Systems. This enables the generation of complete document sets for business processes like procurement, production order and many more. The documents connected to the business processes are automatically collected from SAP DMS or other repositories and consolidated into the correct order with the output stream of the corresponding business process.

Output Device Monitoring

The ODM architecture (Output Device Monitoring) is a module for standardized and detailed monitoring of all devices and job statuses. For all output device types and models, static and dynamical data is provided. The status of output jobs is recorded and controlled up until the document is actually printed.

Scope of delivery

- Installation of a physical/logical output management system in SAP R/3
- Installation of a central printer type
- Creation of a communication connection for ordering and feedback of spool jobs through one interface type
- License interface connection (Z-BCXOM)
- SAPGOF converter, incl. processing of sub formats LIST and OTF (K-GOF)
- ASCII text converter ex. bill of material printing (K-ASCII)
- XML/XSLT processing (K-XML)
- Barcode module for stamp and text output (Z-BC)
- Upload of printer configurations to SAP Spool (SAPUP)
- XML/XSLT-Verarbeitung (K-XML)
- Barcodemodul für Stempel- und Textausgabe (Z-BC)
- Upload der Druckerkonfigurationen ins SAP-Spool (SAPUP)

Label printing

Through integrated label printing, software type labels can easily be defined. This solution enables the creation of new layouts or the systematic adaptation of existing layouts in a short time. There are no additional printing or SAP programming skills necessary. With the delivery library, the output can be done on more than 1,000 different label printers.

Centralized printer management: easyPRIMA

If printers on several SAP and output management systems must be efficiently managed, the optimal solution is easyPRIMA. This is an enterprise wide data base for defining and managing output devices in different system environments (SAP, Windows, Output Management systems) and at multiple locations.

Using easyPRIMA reduces the average time dedicated to installing, changing or removing of an output device on any number of systems from 4 to 8 hours down to 5 to 15 minutes.

System requirements

- PLOSSYS 4 or PLOSSYS 5
- gXnetplot
- SAP-Druckumgebung (as of Release 4.7 or S/4 HANA)
- On premise or cloud technology

Product code

- PR-BUSPR

Still any questions?

Gert Oehler and Debra Garls are specialists for your questions about:

Output and distribution of documents



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