

[Solutions](#) • [Facts](#) • [Technology](#) • [Benefits](#) • [FAQ](#)

SAP COMPLETE DOCUMENT SETS:
FORMS AND ATTACHMENTS
PROCESS-ORIENTED DOCUMENT PREPARATION



SAP print
program

Files and
documents

Correctly sorted
print and
distribution in
one work step

SAP Printing – Forms and Attachments

SAP business processes use printing applications which create forms and lists.

It also issues files consisting of document compilations.

This should take place in one work step without additional selecting and sorting.

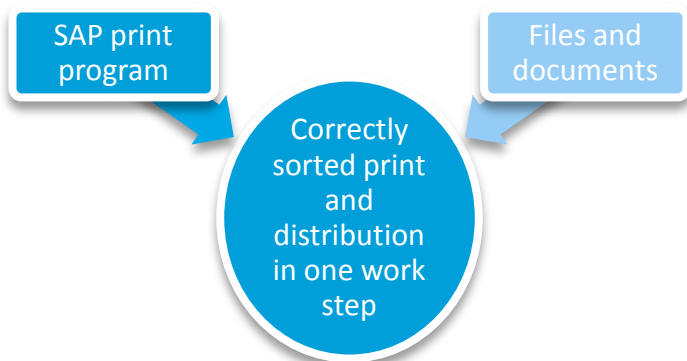
This makes the process faster, more secure and more economical.

Target Groups

These solution facts are geared toward:

- SAP implementation partners
- SAP solutions architects
- SAP basis support
- Employees responsible for business processes
- Employees looking to optimize company processes

The Principle

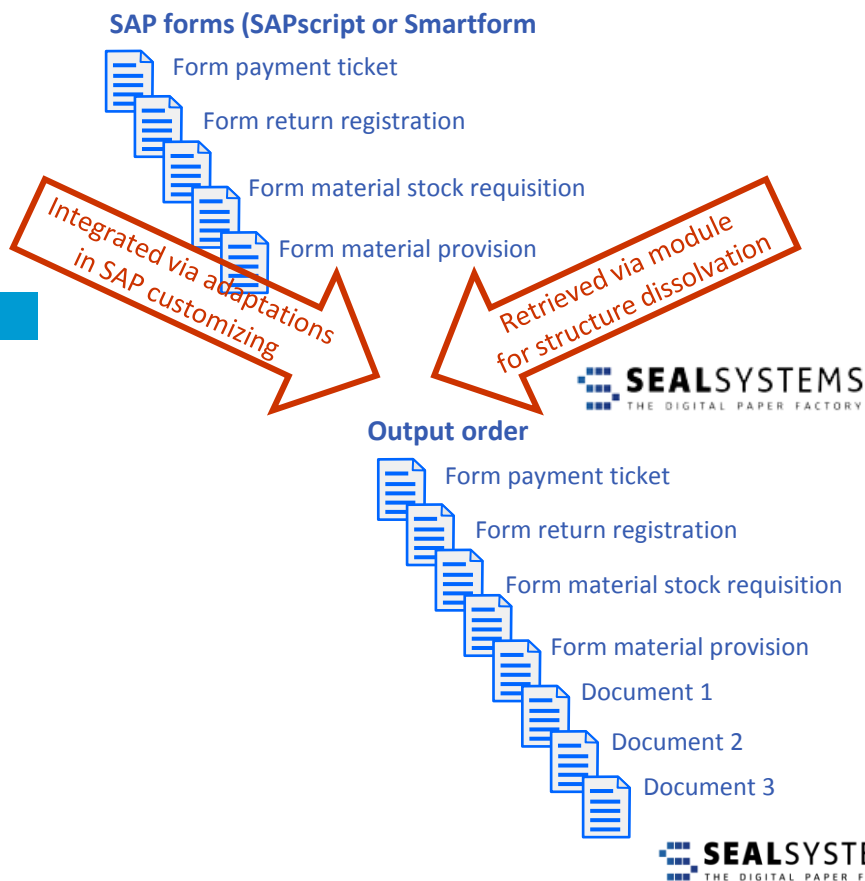


Examples

- Compilation of all drawings and instructions for a production order
- Order documents together with tender documents and order forms
- Invoices with scanned proof of performance
- Maintenance contracts with complete work packages
- Shipping documents with all accompanying papers

Compile forms and attachments

Example of a production order:



Document Search: 2 Methods

To find the right documents for the output process, there are 2 options:

- customer/project-specific program
- finished collection transactions from SEAL Systems: SEAL Document Collector

Both methods can be combined with the output alternatives Direct Print and Output Management (see below).

SEAL Systems' proven collection transfers for document search save you time and effort in specification and implementation. A wide range of settings and configurations protect your investment in changing demands and environments.

Search documents and compile orders	SEAL Output Management	SEAL Direct Print for SAP
Collection transaction	✓	✓
Customer development	✓	✓

Output: 2 Methods

There are two architectural alternatives, both of which bring the desired results – merging documents and print program output, and making them ready for printing:

- SEAL Direct Print for SAP - documents are assembled in the desktop environment, processed, and issued
- PLOSSYS Output Management from SEAL Systems with integrated document and form output

Many standard procedures for automated document searches

Available SEAL Systems Standard Transactions

German	English
Factura / Invoice	Billing Document
Materialstückliste	Bill of material
Änderungsstamm	Change number
Dokumenthierarchie	Document hierarchy
Dokumentstückliste	Document sub assembly
Technischer Platz	Functional location
Generische Verarbeitung	Generic processing
Installation (IBASE)	IBASE
Materialbeleg	Material document
Auslieferung	Outbound delivery
Bestellung/Einkaufsbeleg	Purchase order
(Bestell-)Anfrage	Request for quote
(Bestell-)Anforderung (BANF)	Purchase requisition
Kundenauftrag	Sales order (sales and distrib. doc.)
Projektstückliste	WBS BOM
Prozessauftrag	Process order
Instandhaltungsauftrag	Plant maintenance
Fertigungsauftrag	Production order
Netzplan	Network
Qualitätsmeldung	Quality notification

Advantages / Benefits

Recurring processes for document provision can be configured **very economically**. There is less searching and sorting. Extra printing of documents is unnecessary.

The automated addition of compiled documents increases **process quality**.

Electronic distribution processes replace paper printing and shipping by mail.

Practical experience shows that the increase of productivity leads to a **payback period of less than 12 months**.

Advantages to Direct Print for SAP

Both processes use the same collection procedure for document identification and the same access methods.

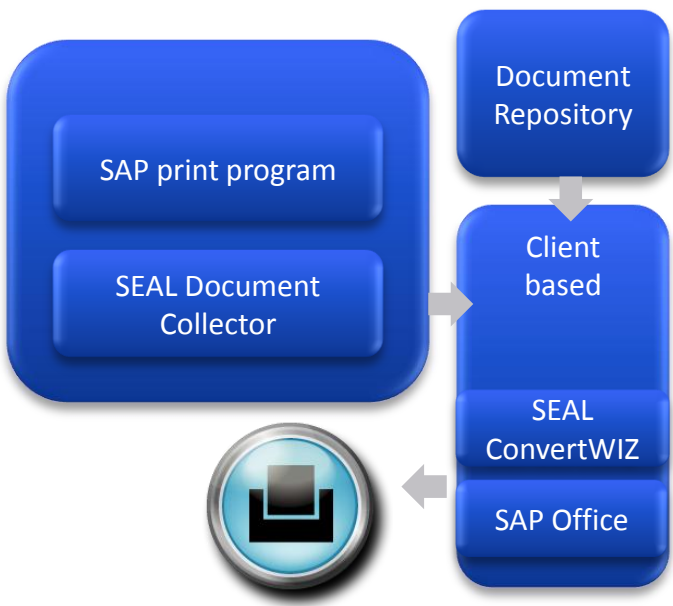
Processing/conversion/print preparation is carried out on the user workstation. And from there the complete work package is sent to the printer.

This method is preferred if there is no server installed and if for example only very few workstation are used.

This solution is usually less expensive as well.

It is not recommended if large amounts of data must be processed or if processing is taking place in the background.

Direct Print for SAP procedure

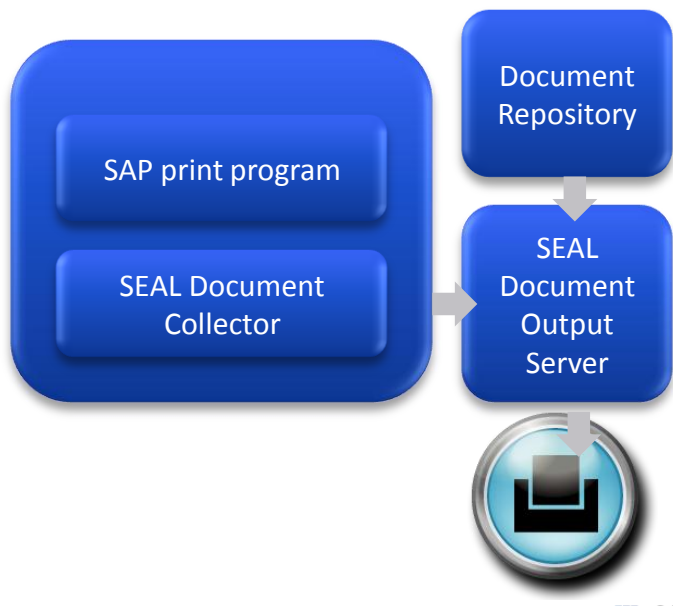


Output Management Advantages

An output management server is the better option if:

- additional information such as stamps or watermarks are to be applied,
- a large range of data information is required,
- the output server must be expanded to a general output management solution (printing from SAP spool, Windows Network printing, terminal server printing services, etc.)
Network printing, terminal server printing services...)
- there are advanced options for print control:
 - distribute jobs according to various criteria on applicable end devices
(format, color, finishing),
 - descriptive cover sheets with information on contents and distribution.

Output Management Procedure



SEAL Document Collector: Select processes, objects and documents

Order parameter		Component parameters		Document restriction	
Order number	<input type="text"/>	Explosion level	<input type="checkbox"/>	Document type	<input type="checkbox"/>
Sequence type	<input type="checkbox"/>	Components documents	<input type="checkbox"/>	Part document	<input type="checkbox"/>
Sequence	<input type="text"/>	Component documents STL header	<input type="checkbox"/>	Document status	<input type="checkbox"/>
Order documents	<input type="checkbox"/>	Documents for object	<input type="checkbox"/>	Use only released ones	<input type="checkbox"/>
Production Resources and Tools	<input type="checkbox"/>	Documents for position	<input type="checkbox"/>	No output of duplicates	<input type="checkbox"/>
Find PRT documents	<input type="checkbox"/>	Documents for STL header	<input type="checkbox"/>		
Procedure	<input type="text"/>	Position is document	<input type="checkbox"/>		
		Only dummy assemblies	<input type="checkbox"/>		

Supports all standard file and application formats

Output options

File formats

- TIFF, PDF, CGM*, HPGL*, TXT*

Office formats

- Word, Excel, Powerpoint, Visio*, Outlook*, MS Project*

CAD Formats*

- AutoCAD, UG, Pro/E, SoWo, SolidEdge, SolidDesigner, ME10, Catia, Inventor, Microstation

* not available for *Direct Print for SAP*

Output order	
Preview	<input type="checkbox"/>
Create new order	<input checked="" type="radio"/>
Change order	<input type="radio"/>
Order type	<input type="text"/>
Order number	<input type="text"/>
Order name	<input type="text"/>
Default user	<input type="text"/>
Reference order number	<input type="text"/>
Released	<input type="checkbox"/>
Delta print off	<input checked="" type="radio"/>
Last order number	<input type="checkbox"/>
Delta print on	<input type="radio"/>
Delta marks	<input type="checkbox"/>
View output order	<input checked="" type="radio"/>
View document list	<input type="checkbox"/>
No dialog	<input type="radio"/>
Output immediately	<input type="checkbox"/>

Repositories

SEAL Systems collection transactions support various types of document storage:

- **SAP DVS with KPRO** and content server
- allocated content server/**cache server**
- **object services** with ArchiveLink
- **DMS** from third-party providers, if a reference to SAP is available
- **SAP Records/Folders Management**

Links

SEAL Systems



[Process printing for SAP](#)

SAP Store



[Process printing for SAP](#)

Case Studies

[Maintenance orders at Mercedes Benz USA](#)

[Sercel: Packed distribution of production and purchase orders](#)

[Orders with accompanying documents: Kurtz Holding](#)



kurtz ersa HSM

System environment

- SAP Release: ECC 6.0 and later.
- Server: Windows, Linux,
If Microsoft Office files are requested as input format,
Windows is required.
Direct Print for SAP: Windows only.
- Virtual servers are supported (output management only)
- A license of the original application is required on
the server or desktop for the processing of application
files such as Microsoft Office or CAD.

FAQ

- Q: Do I need to adapt my SAP print program?
- A: Yes – the collection process must be connected.
The adaptation is documented.
- Q: Can images in production orders be “pasted in”?
- A: Yes, this has been solved project-specifically.
- Q: Can the list of found documents be reviewed and edited?
- A: Yes, the list can be examined and edited before issue in SEAL Document Distribution Director, as per configuration.
- Q: Can only documents managed with SAP DVS be collected?
- A: No, SAP GOS documents are also acceptable (Object Services).
- Q: Is the SAP print control analyzed (for example OPK8, OIDx)?
- A: Yes.
- Q: How is the Direct Print for SAP desktop application delivered and distributed?
- A: As MSI Package.

Certificate of Investment Protection



The **Document** Output Management solution PLOSSYS is Powered by SAP Netweaver-certified.



SEAL Systems is a partner of SAP.

Order Notes

Helpful information before you order:

1. Use SEAL systems for collection processing of documents, or do it yourself?
2. Output management or desktop solution?
3. For which business process(es)?
4. Which document formats are to be printed/distributed?
5. Which/how many device(s)?
6. System size (number of SAP users, additional locations)

over SEAL Systems

SEAL Systems is number 1 worldwide in printing – conversion – publishing:

- over 100 employees, €13 million in profits
- locations in Germany, Australia, USA, France
- partner in various economic regions in Europe and abroad
- over 1,300 installations in 40 countries
- over 900 solutions for SAP used productively

a strong partner with over 30 years of experience

Contact

SEAL Systems AG
Lohmühlweg 4
91341 Röttenbach
Germany

Tel 00 49 (9195) 926-0
info@sealsystems.com
www.sealsystems.com

Space for your comments

Number 1 for
Print - Convert - Publish

