

FACTSHEET

PLOSSYS® netdome

System for
enterprise-wide
Output Management

PLOSSYS[®] netdome

PLOSSYS netdome means: A central output management system for all output-relevant tasks and applications in the company. This approach offers many advantages for users and administrators as well as for companies with different locations.

PLOSSYS netdome – What's that?

PLOSSYS netdome is a powerful Output Management Engine, which optimally meets all requirements for enterprise-wide print and distribution of documents and information. PLOSSYS netdome is the central platform of the Corporate Output Management solution from SEAL Systems.

What can it do?

PLOSSYS netdome connects all applications with all output channels. It does the data preparation (conversion, stamping, scaling), spooling and controls the output channels (printer, plotter or electronic output methods).



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PLOSSYS netdome works with all data formats from all applications (ERP, host systems, web, Windows® and Office® digital archive, DMS, PLM, and CAD) in the company and provides trouble-free, optimally controlled output on all output channels. Furthermore, it provides a wide range of functions around all aspects of your print structure and processes.

Who benefits from this?

All companies and institutions with business-critical print processes. All CIOs, who want to enhance efficiency and safety for print infrastructure and want to reduce print costs. All people responsible for IT infrastructures who want to spend less time on error investigation and recovery of print processes and want to optimize output administration. All users: because printing is easy if it always works.

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PLOSSYS netdome in a nutshell

- + Control of all output of an enterprise (from all applications to all output channels)
- + Print and electronic output
- + Large and small format
- + Integrated conversion for device and application-independent processing of output data streams
- + Reliable, fail-safe spooling at all enterprise locations
- + Complete transparency of all output processes for users and administrators
- + Cost and throughput control with integrated accounting

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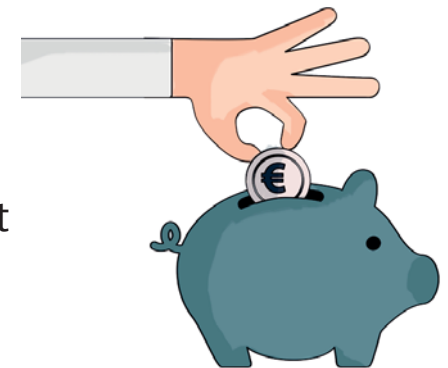
System requirements

Your advantages

With PLOSSYS you use only one system for company-wide document and information distribution from all applications and locations.

High economic efficiency

- Reduced administration expense through generic driver for SAP and Windows, reliable processes and centralized control and monitoring console (reduces costs for user helpdesk and hardware)
- Reduced efforts for forms generation and management
- High productivity through automatic processes
- Reduced paper consumption through electronic distribution methods and Secure & Pickup Printing
- Free selection of hardware brands and models possible via device and system independence
- Optimal configuration of printer fleet basing on accounting information
- **Green IT:** Optimal printer fleet usage of all printers from all applications, reduction of paper
- **Investment protection** through certified, market leading product
- Reduction of number of required print servers (eg. Windows Printserver): One server for all output



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Maximum security

- **Failover concepts** provide high availability for print processes
- **Scalable throughput** with load balancing
- **Automatic reactions to errors** reduce downtime and maintenance costs
- **Encryption mechanisms** and detailed user and rights management

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Complete process transparency

- **Job tracking** available to users and administrators (up to paper tray control) enhance user satisfaction and reduces helpdesk costs
- **Central accounting** of all output for cost control and assignment

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Enhanced quality

- **Optimized device control for all printers:** all manufacturers, large and small format, desktop and multi-function devices, office or high performance printers
- Consistent look to print images **on all devices**
- **Automatic processes** reduce errors and enhance output speed
- **Standardized application integration** through standardized layout
- **High user acceptance**

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Central administration OCON

For system administration and user helpdesk the operator console OCON is a powerful tool for control and supervision of the complete output management system:

- Server-crossing system administration
- All devices and output jobs at a glance
- Job status monitor
- Device status overview
- Start, stop, repeat, redirect, delete, [...] of output jobs and queues

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Control of all devices with optimized drivers

- **Drivers available** for all important printers on the market (more than 1,200 actually available)
- Support and control of **all device characteristics** (trays, finishing, ...)
- **Simple installation of new devices** through a central management environment

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Enhanced security

- **User and rights management**
- **Data encryption** and data compression on demand
- Use of **standardized protocols**, especially IPP (S) for data transfer and communication

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High availability/Fail-safe/ Load balancing

- **Location-wide** fail-over strategies
- **Simply scalable**
- **Load balancing support** from nearly all system environments
- **Early recognizing of critical situations** and starting of respective reactions with active incident management

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Features

- **Stamp and watermarks** for ISO 9000-compatible document distribution
- Full **barcode and Unicode support**
- **Cost recording and transparency** through integrated accounting
- **Rule-based output distribution:** according to size, process, user [...]
- Extensive **system and application integrations for SAP, Windows, PLM, PDM, CAD.** Integration in all open systems architectures up to mainframe environments with standardized interfaces like **IPP, JPS and LPD**
- **User self service** for job administration and printer configuration for Windows
- **Cross-platform working:** Server and client processes are offered for Windows and Unix platforms or platform-independent with JAVA technology

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Overview of benefits

- + Single Point of Administration for all processes and devices
- + Reduced efforts for forms generation and management
- + Transparency from order status up to paper
- + Reduced hardware costs through software-based barcodes and Unicode support
- + Relief for user helpdesk through reliable print processes and central monitoring and control environment
- + Free selection of printers (any type, any vendor) and output channels
- + High availability of the complete print output
- + Faster print processes
- + Cost and benefit transparency of print infrastructure
- + Unified output management for SAP, Windows and the engineering sector
- + Higher user satisfaction through reliable, simple print processes



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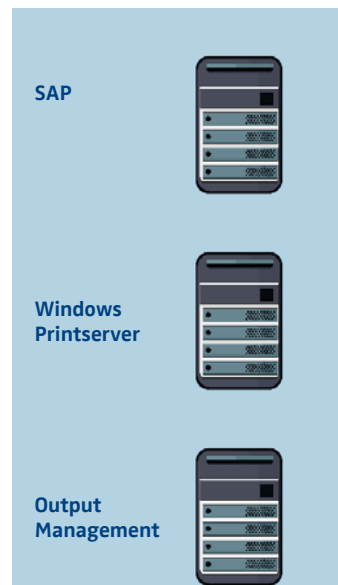
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Centralized printer management: easyPRIMA

If many printers have to be managed on several systems, there is an optimal solution: easyPRIMA is a company-wide, central database for defining and managing all output devices on different system environments (Windows®, SAP®, Output Management) ...

System environments/locations



Print systems/multi function printers



Device Upload / Download

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... and at various locations. Key users or local administrators can easily set up their own printers. The use of easyPRIMA drastically reduces the average time required to set up, change or delete an output device in a large number of systems.

SAP Spool output (Business Printing)

The Business Printing Kit for SAP enables the central control and monitoring of all printing processes from SAP via the standardized interface BCXOM and PLOSSYS netdome. It complements and optimizes SAP's standard printing functionality and provides users and administrators with end-to-end transparency of print output (right down to paper). Through the use of generic processes, the entire SAP output can be processed in a device-neutral way.

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The effort required for creating and maintaining forms is considerably reduced. In addition, Business Printing for SAP provides a standardized interface to all output channels (print, fax, web, file, etc.) and ensures high availability as well as improved system security of the SAP print output.

Windows integration with SEAL MasterDriver

Via the generic Windows driver „MasterDriver“ from SEAL Systems almost all output devices in the company can be optimally controlled. The application generates device-neutral PostScript code, which is converted into device-specific printer languages by the Output Management Server. This eliminates all problems caused by regular installation and deinstallation of new drivers.

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In addition, it is guaranteed that the print image is identical on all connected devices without the need for specific adjustments. A unique feature of the Master Driver as a generic driver is that almost all device-specific print parameters can be individually controlled for each device from any manufacturer.



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SAP Process printing

SAP process printing means: All documents for a business process at the push of a button in one package, directly from SAP. All forms and documents for a process such as "production order" or "procurement order" are automatically collected, sorted, formatted and output at the right place when the order is triggered.

Production order

Service (KO): 55,000 Date: 1 von 2
Druckdatum: 07.03.2005 10:40

Auftragsnummer: **858 038** Auftragsname: **10 ST**

Materialnummer: **1 323 452** Rev: Zugangsdatum: **2011**

START: 10.03.2005 Reservierung: 0 053 139 151 M92235
ENDE: 10.03.2005 Disponent: S20 MONTAGE ACHSEN M92235
Bez.: COMP-ACHSE MONT B1200-5 Fert.Steuer: S20 Montage Achsen X

Shipping FZT

Auftragsnummer: Materialnummer: Prüfzettel:

T3M	T3P	T4M	T4P	RM	RP	GM	GP

Materialkomponenten

Stk	Material	Einheit	Gr	Pl	Gr	Einr-M	Gr-M	MO
1	7RELAZ	E	590552				1	10 GT
1	L GESCHW	E	596453		S01	H	1	10 GT
1	PL GESCHW	E	596453		S01	I	1	10 GT
2	U75X310	E	266614		S01		2	20 GT
0,1	U 60KG FASS	F	640205				0,01	0,1 KG
1	EURO	F	268749			E	1	10 GT
1	EURO	F	268749			F	1	10 GT
2	UNI-LAG MONT	E	M92452		S01	A	2	20 GT
2	ZEICHN	F	570909			F	2	20 GT
1	PRÄGEN	X	504028				1	10 ST
1	L M	D	251952				1	10 GT
1	IE	F	496935			E	1	10 GT
1	IE	F	544205				1	10 GT

Arbeitsfolge

Pos	Bezeichnung	Arbeitsfolge	Arbeitszeit	Arbeitsmenge
0060	12910	129104	0,55	20,00
				3,50

Schwingtrieb lire montieren

Here you see the production order

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System monitoring integration

Printing is one of the system-critical processes in many companies. The failure of individual printers or entire printing processes can result in delayed deliveries, production stopping or entire systems having to be shut down because, for example, the necessary maintenance documentation is missing. Since it is not possible to prevent device malfunctions or corrupt data records from blocking the systems despite fail-safe implementation, PLOSSYS netdome can be integrated into higher-level system monitoring solutions. This gives the responsible persons in the system administration the possibility to react in time and to prevent system failures or at least to remedy them at short notice. For the system monitoring database of PLOSSYS netdome there is a standardized integration in Nagios and Microsoft SCOM.

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PLM integrations

PLOSSYS netdome offers integrations to all leading PDM and PLM solutions, such as Teamcenter, ENOVIA Matrix One, Windchill, SAP PLM etc. The functionality is perfectly matched to the requirements in the engineering area:

- Process oriented printing (see SAP process printing)
- Stamps and watermarks
- Large and oversize formats
- rule-based job distribution and dispatching
- Set collation processing
- Merging of documents
- Controlled distribution of large document piles

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Device independent Secure & Pickup Printing

Secure & Pickup Printing is a process for secure, user-controlled print output. After identification at the printer by the user, the output takes place directly from the server. This ensures confidentiality and avoids unnecessary printouts. The special feature of the Secure & Pickup Printing functionality of PLOSSYS netdome is that it is available for all devices of a company, regardless of manufacturer and device.



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Secure and Pickup Printing can also be operated with the PLOSSYS DocPrint App without any extension on the printers to be integrated. The printers are provided with a barcode or RFID tag. With the PLOSSYS DocPrint App, the barcode or RFID tag is scanned into the printer, uniquely identifying the printer. The user receives all his jobs from the PickUp queue displayed on the mobile device. By selecting individual jobs, they are output directly to the identified device.

Electronic distribution and neutral data generation

Electronic distribution reduces paper overload and paper waste and ensures faster and more efficient delivery of information to recipients. Automatic distribution by email, automatic sending by fax, information distribution via a web portal or simply the storage of information in the file system are examples of electronic distribution processes supported by PLOSSYS netdome.

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The information to be distributed can be converted into a neutral data format such as PDF, PDF/A or TIFF and supplemented with digital signatures to make them available to the recipient more easily and securely.

Output device monitoring – Transparency til paper output

Transparency of the printing processes from the application to the paper is desired by many users and administrators. This is not possible with most printer controls. In the standard system, the printers only report back whether a data stream has been successfully transferred or not.

In order to be able to recognize whether the data stream was really printed or to be able to warn in time of error situations (e.g. toner must be changed), communication with the devices must also be carried out.

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This task is performed by the Output Device Monitoring for PLOSSYS netdome. Configurable agents, for example via SNMP, not only monitor the order status on the device, but also collect additional device information, which in turn can be used for early warning via the system monitoring or the operator console or start fallback processes with proactive incident management.

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Forms management

PLOSSYS netdome can be supplemented by professional form management. In addition to seamless SAP® integration, interfaces are also available for the simple coupling of mainframe or web applications. The forms can be created and maintained both centrally and decentrally and are available to all users depending on their authorization. Depending on the process and the output channel selected, the correct layout is always used automatically. The forms are printed identically on all printers, even if they have only been defined once.

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Available clients

- Native Clients for Microsoft Windows
- Platform independent web clients
- Platform independent integration with IPP, LPD, JPS and company-specific commandline clients

Supported server platforms

Microsoft Windows Server, SLES, RHEL

All details of the recommended computer equipment is listed under www.sealsystems.com/service-support/computer-equipment

Product code

PR-Server

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Are you interested?

**Contact us! We are happy to answer all
your questions about PLOSSYS® netdome**

Our experts for Corporate Output Management will help you:

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