

FACTSHEET

Output Device Monitor

Monitoring of devices and output job status



What is ODM?

The ODM architecture from SEAL Systems is a module for consistent and detailed monitoring of device and output job status. ODM is a tool for IT administrators requiring a complete and live overview of the status and activities of all output devices. With the ODM batch interface, all information can easily integrate into the system monitoring and management tools of third party or in-house applications.



What can ODM do?

Dynamic and statistical data is provided for all output device types and models. The status of an output job is monitored from initiation until it is delivered to the final location. This Output Device Monitor has interfaces for PLOSSYS netdome and SAP providing functionality as a stand-alone system supervision tool as well.



Who needs ODM?

With the info client and console provided, users of PLOSSYS® netdome and gXnetplot can view all information provided by ODM. Device data is offered for the automatic printer default configuration. Job data and device data are transferred into SAP systems with the BC-XOM interface.

Ereignisse zu Gerät SEAL_HP4600

Klasse	Bereich	Jobstatus	Meldung
Information	Drucker	000023	Einträge, dr Drucker bereit
Problem	Drucker	000023	Einträge, dr Toner leer
Information	Drucker	000023	Einträge, dr Drucker bereit
Verzögert	Drucker	000023	Einträge, dr Wenig Papier
Information	Drucker	000023	Einträge, dr Drucker bereit
Information	unklassifiziert	000021	Einträge, dr gehalten
Information	Drucker	000023	Einträge, dr Drucker bereit



Complete overview of all SAP print jobs.

With ODM from SEAL Systems, SAP administrators and users receive transparent processes, "End-to-End concerning print tracking".



Output Device Management (ODM)

Advantage



- Precise user feed back, complete job tracking, optimal output control
- Independent of manufacturers, standardized evaluation and view of detailed device status and output job data for both large and small format printers
- Avoid implementation and administration of many different supervision tools
- Register all network-wide devices with one interface
- Relief of administration and user help desk
- Provides undisturbed operations

Evaluable data

The Output Device Monitor collects all device data with the ODM agents. All data is provided in a standardized format. The agents are tuned according the technical properties of the devices and their communication possibilities.

- Device components and their status: input trays/rolls, output trays/stackers, duplex units, printer consumable items (toner/ink cartridges), final processing (folder/sorter)
- Device properties: resolution, speed, maximum print area, number of colors
- Status: paper jam, filling state, paper, toner, maintenance, door open, offline
- Print jobs and their status

AUSGABEGERÄT	Gerätstatus	Gerätenachricht	Physikalischer Geräte...
hp4050	BEREIT		BEREIT
hp4600	GESTOPPT	Wenig Papier	UNKRITISCHER FEHLER
hplaser	BEREIT	Tuer geoeffnet	UNKRITISCHER FEHLER
hpt1200	GESTOPPT	DeviceNotAvailable	NICHT ERREICHBAR

Components

- Server with interfaces to SEAL Systems Info server, ODM Agents and ODM Batch interface
- Agents for different manufacturers and device classes: P JL, SNMP, Océ, KIP, ROWE, WDV, ...
- Batch interface for data transfer and third party systems

Auftragsname	Auftragsstatus	Position	Auftragsnummer
Test_ausgabe.0	Fertig	0	56
Test_z.0	Fertig		54

Datum/Uhrzeit	Absender	Nachricht
2009-11-03T09:36:37	System	Auftrag Test_ausgabe.0 (Nr.56) ist fertig.
2009-11-03T09:36:27	System	Gerätefehler in Warteschlange hp4050 behoben.
2009-11-03T09:35:23	System	Gerätefehler (Tür offen) in Warteschlange hp4050 aufgetreten.

Output Device Management (ODM)

Multi server architecture

ODM servers can be installed independent from the architecture of the output management system. To reduce WAN traffic, local ODM servers can serve local and central output servers. In addition, an ODM server can serve several locations and output servers..

View and accounting of ODM information

- PLOSSYS®netdome Infoclient
- PLOSSYS®netdome OCON
- SAP via interface BC-XOM

System environment

For server and clients: Windows, UNIX, Linux

Product code

PR-ODM

Gert Oehler and Debra Garls are specialist for your questions concerning:

Output and distribution of documents – without any disadvantages



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We would be happy to answer your questions around the output, conversion and distribution of documents and show you the possibilities of using it for your company.

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