

FACTSHEET

BC-XOM Interface

Integration for SAP® S/4HANA



What is BC-XOM?

BC-XOM (eXternal Output Management) is an open generic interface for the SAP spool system to external output management systems.



What can BC-XOM Integration do?

The BC-XOM interface enables the processing of SAP standard print output via document output management solutions from SEAL Systems.

The interface is available for different connection technologies. Automatic repetition of transfer, load balancing, and multi server support afford high availability and quick throughput. The output management system returns output job status and device data into SAP.



Who needs BC-XOM Integration?

All administrators and users, who need a close and reliable connections between the SAP spool system and the external print management structure.

Spool Administration: Logical Output Management System (Display)

Logical OMS: COM273
Description: LOMS DEMO-Server SEAL Systems - SAPGOF

SAP configuration | OMS configuration

Real OMS: ROMS DEMO-Server SEAL Systems - SAPGOF
Tasking target: ROESAP004_Z73_00
Target for callback: Z73
Command group: P

Tasking	Devices	Jobs
<input checked="" type="radio"/> Commands	<input checked="" type="checkbox"/> Queue query <input checked="" type="checkbox"/> Callback	<input checked="" type="checkbox"/> Query <input checked="" type="checkbox"/> Can be deleted <input type="checkbox"/> Status dialog boxes <input checked="" type="radio"/> Callback

Spool Administration: Real Output Management System (Display)

OMS Description
Real OMS: COM_DEMO
Description: ROMS DEMO-Server SEAL Systems - SAPGOF

OMS Attributes

Tasking	Job Status	Device Status	Output Types
<input checked="" type="checkbox"/> Command line <input type="checkbox"/> RFC server	<input checked="" type="checkbox"/> Query <input checked="" type="checkbox"/> Deletable <input type="checkbox"/> Polling <input checked="" type="checkbox"/> Callback	<input checked="" type="checkbox"/> Queue query <input checked="" type="checkbox"/> Callback	<input type="checkbox"/> Fax

Host Spool Attribute Record: [Dropdown]
OMS Configuration: 10.49.31.207 7125 PLOSSYS direct

SAP Configuration

Initialization Instance: ROESAP004_Z73_00
Initialization Command: wroettfs1\scratch\keep\zloms\server\server\sapser...
Reconfiguration Request: 0 Sec Reconfiguration Required

BC-XOM Interface

The PLOSSYS® Integration supports two methods:

- PLOSSYS netdome as the spool system without preparation functions
- PLOSSYS netdome as preparation and spool system

Connection as Spooler

PLOSSYS netdome receives output jobs from the SAP spool system. These jobs contain printer specific prepared data. They are processed together with output jobs from other systems, like CAD, PLM, Windows or UNIX, in correct order with controlled priorities. Afterwards they are directed to the output devices and processes, which are connected to PLOSSYS netdome. The advantages of this connection are

- central administration of output devices and processes,
- system independent availability of existing output devices and processes,
- company-wide spool processing of output jobs out of different systems.

Feedback

In the SAP spool system the output status of the print jobs is updated by PLOSSYS netdome contemporarily for user information.

Connection Types

- JRFC
- RFC server
- oms_submit
- oms_submit with oms_server

Product code

Z-BCXOM

Connection with Print Preparation

PLOSSYS netdome receives output jobs from the SAP spool system in the SAP internal format SAPGOF. These are processed and sent back to the corresponding device or process specific output format (e.g. printer language or digital paper format) – in correct order with controlled priorities.

Additional advantages:

- relief of the SAP processing server via redirection of the spool format and relocation of the computer load to the PLOSSYS netdome server
- any redirection of output jobs to all output devices and processes, which are connected to PLOSSYS netdome.
- optionally the connection of a form manager is possible

Scope of Delivery

- Installation of a physical/logical output management system in SAP
- installation of a central printer type
- Installation of a communication connection for ordering/feedback of spool jobs via RFC connection
- License Interface software

Licensing

The licensing is done through PLOSSYS netdome server and SAP system (productive, development, and test system).

Benefit

The output management system from SEAL Systems additionally contains the following functions:

- document preparation,
- device control,
- administration.

PLOSSYS netdome is a uniform company-wide platform for distribution, control and administration of print jobs and devices. Printer and plotter have to be installed centrally and defined only once.

Security

Ordering via oms_submit and the transfer with oms_server is exceptionally suited, if high availability is necessary:

- Automatic attempts of repetition
- Support of PLOSSYS multi server environments
- Support of PLOSSYS load balancing
- Safe ordering with IPP

Requirements

- SAP 4.7 or higher
- PLOSSYS netdome rel. 4.4.1
- K-GOF, interpreter for SAPGOF format (only with connections with print preparation)
- Option: SEAL Systems ODM Output Device Monitor

System Environment

The OMS interface is available for SunOS, AIX, HP-UX, Linux and Windows.

See all details for recommended computer equipment under www.sealsystems.com/service-support/computer-equipment/



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Europe/Asia/Australia

Adalbert Nübling
Tel +49 (9195) 926 120
adalbert.nuebling@sealsystems.de



USA/Canada/Americas

Debra Garls
Tel +1 774 200 0933
debra.garls@sealsystems.com



Email: info@sealsystems.com
Web: www.sealsystems.com



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