

COSprint for R/3

The module which harnesses the power of *COSprint* to the SAP R/3 Output Management System

By using *COSprint* for R/3, an enterprise using SAP R/3 benefits from the ease of use, security and control provided by OSM's class-leading *COSprint* output management and print spooling product. The addition of *COSprint* to an SAP R/3 installation raises the management of printed output to the level of most other functions in this leading ERP package. *COSprint* manages the output produced by both SAP R/3 and other applications.

COSprint is the popular and widely used output management and print spooling product supplied by OSM. **SAP R/3** is the leading ERP system used by major enterprises worldwide. **COSprint for R/3** is an optional module which connects SAP R/3 with *COSprint*. SAP R/3 users are able to experience all the benefits of the structured, manageable and responsive output service delivered by *COSprint*, while staying in control via their familiar user interface.

COSprint for R/3 has been formally BAPI certified for use with SAP R/3 version 4.0 and above and is officially listed in SAP's Software Solution Partner (SSP) program.

Description

COSprint for R/3 acts as the connection between the SAP R/3 spool work processes and *COSprint* by using the BC-XOM interface of the SAP R/3 Output Management System (OMS). This allows *COSprint* to be defined as a specific OMS by means of the new Access Method E within the R/3 spooler. The BC-XOM interface is present in SAP R/3 from version 4.0 onward so, for earlier versions, **COSprint for R/3** also includes an emulation of the standard UNIX spooler commands so that a less refined connection with *COSprint* is still available.

COSprint for R/3 provides functions to submit, query and cancel print jobs plus functions to poll and query the status of print queues and devices. The module is configured as an OMS product with the component programs and parameters being specified as part of an OMS Command Group. Thereafter, any R/3

Output Device that is configured to use the *COSprint* OMS automatically routes print jobs into *COSprint* so that jobs spooled to it benefit from all the enhanced management and control options available in the **COSprint for R/3** Command Group programs.

In summary, **COSprint for R/3** supplements the native spooling capabilities of the SAP R/3 system by increasing the manageability and control of the output production environment. It receives print jobs from the SAP R/3 spool system and sends back status information relating to devices, print queues and print jobs. The level of detail returned is customizable from within **COSprint for R/3** but depends on the version of SAP R/3 in use. As standard, it provides such details as user name, print job title, ID and status.

Features and properties

Using **COSprint for R/3**, SAP R/3 users can:

- Control and manage both print jobs and printing infrastructure centrally
- Impose refined access control for sites, systems, queues, users, user roles and user capabilities
- Manage print jobs in detail – start, stop, resume, delete, move, etc
- Retain print jobs for later printing
- View individual print jobs and select page ranges to print
- Manage special stationery by means of form type objects
- Organise production printing into batches by using print job attributes

Summary of other COSprint for R/3 features

- BAPI certified for use with SAP R/3 version 4.0 and above
- Customizable as a consequence of using the OSM Toolset technology
- Output from both SAP R/3 and other sources may be controlled within the same COSprint system
- Solves the issues of integration between SAP R/3 and COSprint

Compatibility with BMC Software's PATROL products

SAP R/3 is frequently a critical component in an enterprise's ongoing business activities – so BMC Software's PATROL products are often used to assure availability. BMC Software supplies a PATROL Knowledge Module (KM) for SAP R/3 and OSM supplies a PATROL KM for COSprint. When used together, PATROL, COSprint, **COSprint for R/3** and the two KMs add a great deal of robust functionality to a SAP R/3 installation. This confers the qualities of a mainframe infrastructure to a distributed systems environment.

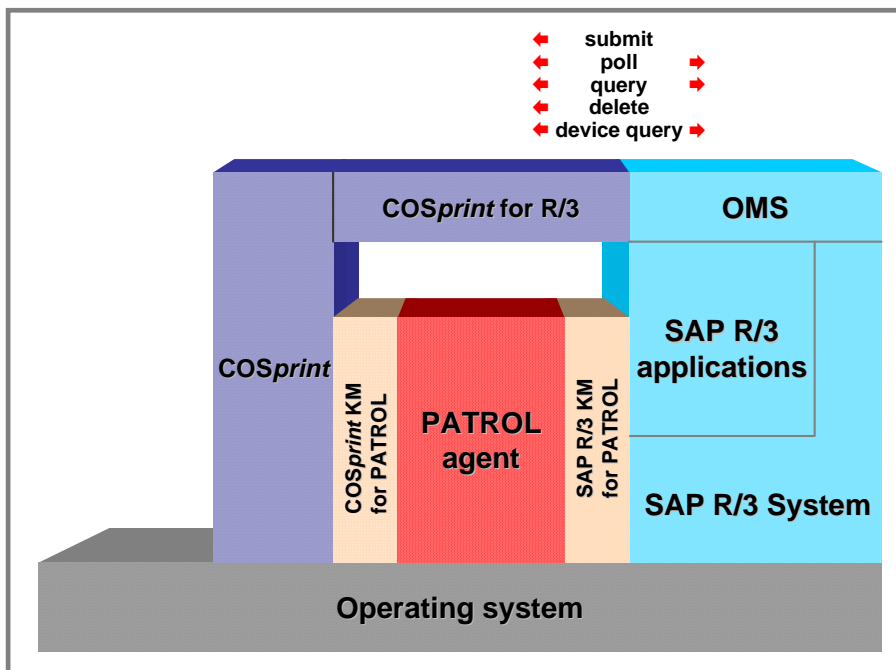


Diagram showing how the components fit together

Technical detail

COSprint for R/3 components

COSprint for R/3 application – built on standard OSM Toolset fundamentals and installed as a standard COSMOS application

COSprint for R/3 interface command set – a library of special commands that are called by SAP R/3 to perform functions such as print job submission and polling for status

COSprint for R/3 database – an auxiliary database which holds additional key information about print jobs and which is accessible by SAP R/3



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