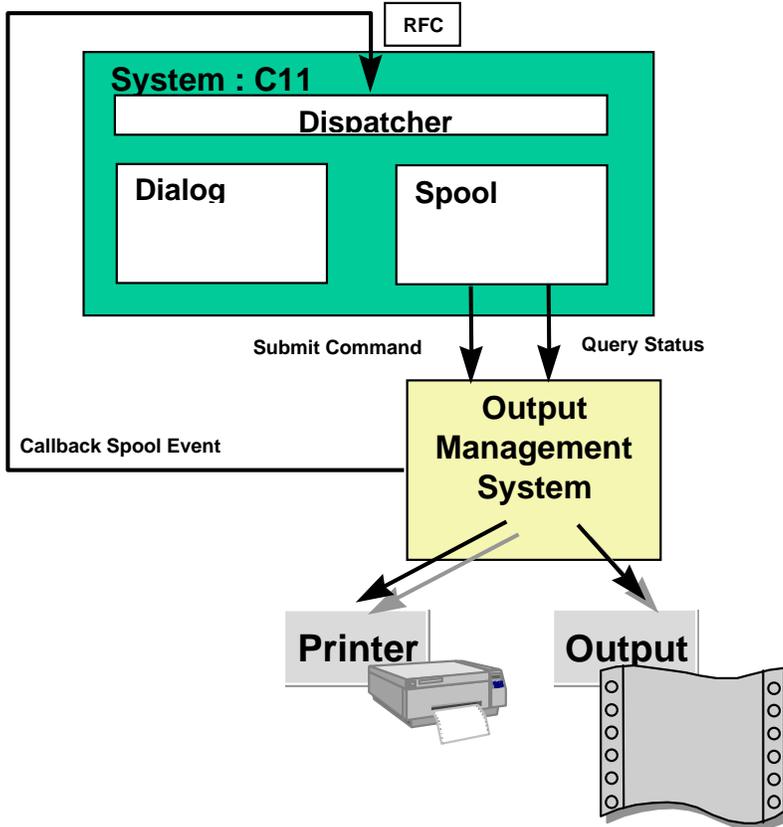# Output Management Systems

Basis – External Output Management System (BC-XOM)

The OMS interface is an open, generic interface to the R/3 spool system for external output management systems (OMSs). The OMS interface allows an efficient and well-integrated coupling of the R/3 spool system with an external output management system (OMS).

This interface provides a reliable feedback channel. The OMS can return detailed job status information back to the R/3 system that can be viewed by the R/3 end user using transaction SP01. The kind and amount of status information is not specified by the interface. What information is available at the R/3 level depends of the features of the output management system using this interface. At least (specified by the interface description) job completion information has to be returned telling the R/3 system whether the job has been successfully printed or not.

There are two flavors for the feedback channel:
- The polling interface can be used as an easy way to return status information to the R/3 system. This flavor acts like access method 'L' and the 'lpstat' command, but the output format of the polling command is specified by SAP and allows to return detailed job and device specific status information. As with access method 'L' the polling is still done by the spool work process.
- The callback interface can be used as an sophisticated way to return status information in time when it happens without requiring polling done by the spool work process. The information is actively sent to the R/3 system using an RFC interface.

Required certifications	
OMS Command-Line Interface Submit Command together with either one or both of the following: OMS Polling Interface; OMS/XOM Callback Interface	Test for correct response to commands issued from the R/3 spool system in normal and error situations. Only the Submit function of the command-line interface need be supported. Multiple R/3 Systems must be supported.
OMS Polling Interface	Test for correct response to polling commands (Polling command in LOMS definitions) issued through the OMS command-line interface. Multiple R/3 Systems must be supported.
OMS/XOM Callback Interface	Test ability of an RFC client in the OMS system to return device and request event messages in normal and error situations. Multiple R/3 Systems must be supported.
Optional certifications	
Option 1: OMS Operations Supplement	Performance of the following operations in the OMS using the command-line interface of the R/3 spool system: Request and device status queries; request deletion.
Option 2: OMS/XOM Multilingual Message Support Supplement	Multilingual message support: Messages can be resolved into each of the languages supported for messages by the OMS.