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# Using Adobe Document Services with SAP on IBM DB2 for i5/OS

## Applies to

SAP NetWeaver 2004, SAP NetWeaver 7.0 (2004s), Adobe Document Services, IBM DB2 for i5/OS

## Summary

Currently, Adobe Document Services are not supported to run natively on IBM i5/OS. The paper provides a description of technical scenarios that show how to include Adobe Document Services in your SAP system landscape.

**Author:** Barbara Roth

**Company:** IBM Deutschland Entwicklung GmbH

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## Author Bio



Barbara Roth has been working as a software engineer for IBM Deutschland Entwicklung GmbH for four years on the SAP on IBM System i porting team at SAP Germany, St. Leon-Rot. Her focus is on software logistics.

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## Availability

Starting with SAP NetWeaver 2004, SAP integrated Adobe PDF technology into its solutions to automate and streamline document-based communications. Adobe Document Services (ADS) provides the capabilities of Adobe's interactive PDF-based forms and enhanced printing, integrating PDF documents into business processes driven by SAP applications.

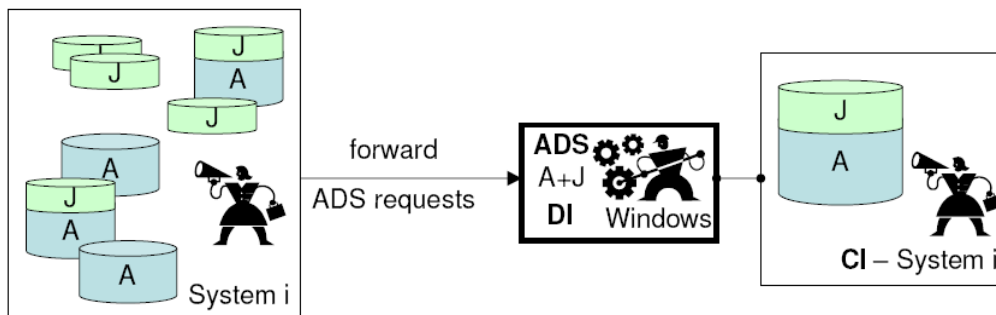
Currently, IBM i5/OS does not natively support the running of ADS based on SAP NetWeaver 2004 and SAP NetWeaver 7.0. For an update and more information on the platforms Adobe currently supports, see the product availability matrix in SAP Marketplace at <http://service.sap.com/pam>.

## Technical Scenarios

To use ADS, the system landscape must contain an SAP instance or SAP system that runs on platforms supported by Adobe. There are two possible technical scenarios:

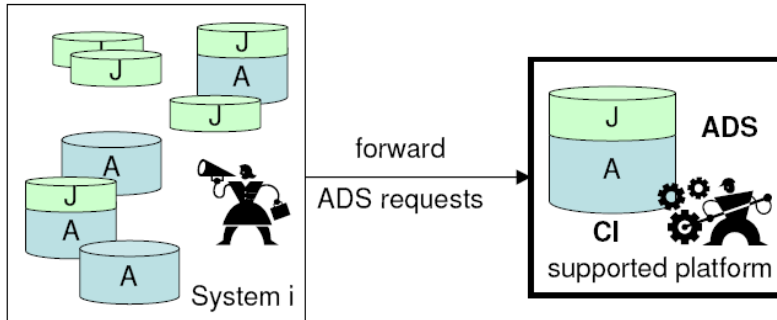
### 1. ADS in the Java stack of a dialog instance on Windows

After you successfully installed your ABAP+Java or Java system on IBM DB2 for i5/OS, you install an ABAP+Java or, respectively, a Java dialog instance on Windows.



## 2. ADS in any SAP system on a supported platform

You install a separate ABAP+Java or Java system on a platform that is supported by Adobe. Since an entire new system is involved, the database of that SAP system will not be IBM DB2 for i5/OS.



Be aware that all instances of an SAP system will have the same type as the central instance: If your central instance implements both the ABAP and the Java stack, so will your dialog instances. If the central instance only implements Java, your dialog instances will also only contain Java. It is not possible to mix instances with different technology stacks on any platform.

### Procedure

With SAP NetWeaver 2004, the ADS content must be installed onto a running central instance in an additional step. Starting with SAP NetWeaver 7.0, every installation containing Java will automatically include ADS. The content will always be deployed on the central instance, that is, on IBM DB2 for i5/OS. At the start-up time of the Windows dialog instance, the server node synchronizes all content including ADS-specific executables from the central instance and starts the ADS service locally.

After implementing one of the technical scenarios, you configure other SAP systems according to the Adobe Document Services Configuration Guide in a way that all ADS-specific requests get forwarded to the instances on the supported platforms. Especially, when asked to modify entries for a server node in the Visual Admin tool, choose the Windows dialog instance node.

### Recommendations

We recommend implementing the first technical scenario, that is, install a Windows dialog instance on one of your existing SAP systems on IBM DB2 for i5/OS. Only the Windows dialog instance approach saves costs for other database licenses and additional database administration skills. Choosing an ABAP+Java or Java system depends on the usage scenario for Interactive Forms:

- Interactive PDF use: Java mandatory, ABAP+Java possible
- Interactive use in SAP Manager Self-Services/batching of forms: ABAP+Java mandatory

With the release of NW04s SP12, in the cases where ADS needs ABAP, it is also possible to avoid using an ABAP+Java system in favour of two systems: one being ABAP only, the other one being Java only. For more information, see SAP Note 993612 or visit the SAP Library at [http://help.sap.com/saphelp\\_nw70/helpdata/en/43/8a88caa8175c6ce1000000a422035/frameset.htm](http://help.sap.com/saphelp_nw70/helpdata/en/43/8a88caa8175c6ce1000000a422035/frameset.htm)

It is technically possible to configure all SAP systems in your landscape against one instance where the ADS service runs. It is not necessary to install one additional Windows dialog instance per SAP system that will use ADS.

To prevent performance problems, do a careful sizing of the system. For more information, see Adobe Document Services Sizing Guide in SAP Marketplace at <http://service.sap.com/adobe> → Media Library → Documentation

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## Related Content

- [993612](#) – Bundling of forms in systems other than double stack systems
- [925741](#) – Adobe document services (ADS) with non-supported platforms
- [863872](#) – Adobe document services on OS/400

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