## Make SAP Java Connector (SAPJCO) available for ARIS Business Publisher

The connection to your SAP systems is configured **with** wpsetup.exe by default. If you keep this configuration, you do not need to adapt the configuration file **webappserver.cfg**. To use the connection **without** wpsetup.exe, you must provide files and adapt (page 100) the configuration file.

Users require a local SAP GUI for Windows installation (version **7.1** or **7.2)** for the functionality **Run transaction**.

Using the Web service URL, you can open the SAP documentation without SAP GUI installation.

From ARIS 7.2 SR 2 you need the connector **SAP JCo 3.0.7** or a higher version of **SAP JCo 3.0.x** (**sapjco3.jar/sapjco3.dll**) in order to allow the program to connect to the SAP system and provide all functions.

For licensing reasons, JCO may not be automatically installed during installation.

**Procedure**

Download **SAP JCo 3** appropriate for your operating system and for the runtime enviroment (JRE) used from the SAP Service Marketplace (<http://service.sap.com/connectors>).

Depending on your installation, copy the file **sapjco3.jar** to the corresponding <ARIS Business Publisher Server directory .**.\layouts\extensions\sap\_cxn**.

Copy the file **sapjco3.dll** next to the Windows system libraries on each Client Windows PC.

For information on JRE version and Windows system, refer to the table below. If you are using a different operating system, such as Solaris, please refer to the appropriate download package from SAP AG.

Ensure that the file **SAPLOGON.INI** is available for all users.

If you have correctly provided SAP Java Connector **SAP JCo 3.0.x** but have installed older runtime libraries of Visual Studio 2005 C/C++, you may have to update (<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=766a6af7-ec73-40ff-b072-9112bab119c2>) the Microsoft Active Template Library (ATL). Please consider the SAP notes **1077727** and **1375494** on the SAP Service Marketplace (<http://service.sap.com/connectors>).

## Make SAP Java Connector (SAPJCO) available for ARIS BI Modeler

From ARIS 7.2 SR 2 you need the connector **SAP JCo 3.0.7** or a higher version of **SAP JCo 3.0.x** (**sapjco3.jar/sapjco3.dll**) in order to allow the program to connect to the SAP system and provide all functions.

For licensing reasons, JCO may not be automatically installed during installation.

**Procedure**

1. Download **SAP JCo 3** appropriate for your operating system and for the runtime enviroment (JRE) used from the SAP Service Marketplace (<http://service.sap.com/connectors>).
2. Copy the **sapjco3.jar** file to **<ARIS installation directory>\server\lib** and/or **<ARIS installation directory>\LocalServer\lib**. Ensure that you copy the bit version that corresponds to the JRE installed.
3. Copy the file **sapjco3.dll** next to the Windows system libraries. The ARIS client automatically installs the 32-bit JRE version.

For information on JRE version and Windows system, refer to the table below. If you are using a different operating system, such as Solaris, please refer to the appropriate download package from SAP AG.

1. Restart your ARIS server.

If you have correctly provided SAP Java Connector SAP JCo 3.0.x but have installed older runtime libraries of Visual Studio 2005 C/C++, you may have to update the Microsoft Active Template Library (ATL). Please consider the SAP notes 1077727 and 1375494 on the SAP Service Marketplace.

## Make SAP Java Connector (SAPJCO) available to clients

You need **SAP JCo 3.0.7** or a higher version of **SAP JCo 3.0.x** (**sapjco3.jar/sapjco3.dll**) to start the following functions from ARIS Business Architect for SAP and ARIS Business Designer for SAP:

* Run transaction (client)
* Display Solution Manager blueprint (client)
* Display Solution Manager configuration (client)
* Solution Manager documentation (client)
* Customizing (client)
* SAP synchronization (server (page 165))

**Procedure**

1. Download **SAP JCo 3** appropriate for your operating system and for the runtime enviroment (JRE) used from the SAP Service Marketplace (<http://service.sap.com/connectors>).
2. Copy the file **sapjco3.dll** next to the Windows system libraries. The ARIS client automatically installs the 32-bit JRE version.

For information on JRE version and Windows system, refer to the table below. If you are using a different operating system, such as Solaris, please refer to the appropriate download package from SAP AG.

1. Copy the **sapjco3.jar** file to the **lib** directory.

**Default server installation in browser mode**

1. If you are using the products in browser mode and have performed a default server installation, the directory is located under **<ARIS installation directory>\server\html\lib**.

**User-defined server installation in browser mode**

1. If you are using the products in browser mode and have performed a user-defined installation, the directory is located under **<wwwroot>\<ARIS installation directory>\lib**.

**Product as application**

1. If you start ARIS as an application, that is, not in browser mode, an internal 32-bit JRE will be used independently of the bundled JREs installed locally. Copy the file **sapjco3.jar** to the following directory manually or by software distribution: **<ARIS installation directory>\javaclient\lib**.
2. Restart ARIS.

If you have correctly provided SAP Java Connector **SAP JCo 3.0.x** but have installed older runtime libraries of Visual Studio 2005 C/C++, you may have to update (<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=766a6af7-ec73-40ff-b072-9112bab119c2>) the Microsoft Active Template Library (ATL). Please consider the SAP notes **1077727** and **1375494** on the SAP Service Marketplace (<http://service.sap.com/connectors>).

If you want to use the **SAP synchronization** function, please make SAP Java Connector available on the server (page 165).

## Make SAP Java Connector (SAPJCO) available on the server side

From ARIS 7.2 SR 2 you need the connector **SAP JCo 3.0.7** or a higher version of **SAP JCo 3.0.x** (**sapjco3.jar/sapjco3.dll**) to use SAP synchronization or <ARIS\_BI\_Modeler>.

**Procedure**

1. Download **SAP JCo 3** appropriate for your operating system and for the runtime enviroment (JRE) used from the SAP Service Marketplace (<http://service.sap.com/connectors>).
2. Copy the file **sapjco3.dll** next to the Windows system libraries. The ARIS client automatically installs the 32-bit JRE version.

For information on JRE version and Windows system, refer to the table below. If you are using a different operating system, such as Solaris, please refer to the appropriate download package from SAP AG.

1. Copy the **sapjco3.jar** file to **<ARIS installation directory>\server\lib** and/or **<ARIS installation directory>\LocalServer\lib**.
2. Restart your ARIS server.

If you have correctly provided SAP Java Connector **SAP JCo 3.0.x** but have installed older runtime libraries of Visual Studio 2005 C/C++, you may have to update (<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=766a6af7-ec73-40ff-b072-9112bab119c2>) the Microsoft Active Template Library (ATL). Please consider the SAP notes **1077727** and **1375494** on the SAP Service Marketplace (<http://service.sap.com/connectors>).

To use the functions **Start transaction**, **Customizing**, **Solution Manager**-**Display Solution Manager blueprint** or **Display Solution Manager configuration**, make SAP JCo 3.0.x available to clients

| **JCo and JRE** | **Windows** | **Processor** | **DLL** | **Windows installation directory** |
| --- | --- | --- | --- | --- |
| 32-bit | 32-bit | x86 | sapjco3.dll | \system32 |
| 32-bit | 64-bit | x86 | sapjco3.dll | \SysWOW64 |
| 64-bit | 64-bit | x86 | sapjco3.dll | \system32 |
| 64-bit | 64-bit | Itanium | sapjco3.dll | \system32 |