

# Content Manager

Software Version 9.3

## Content Manager ArchiveLink



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## Introduction

Content Manager can be installed to act as a document repository for the SAP Netweaver system. The KGS SAP ArchiveLink™ (SAPALink) Interface component helps communicate between the SAP environment and Content Manager.

To enable the Content Manager integration with SAP, a third-party java application provided by KGS called the KGS SAPALink Interface is required.

The following installation steps describe how to set up this environment using the Apache Tomcat Web Server.

A typical Content Manager ArchiveLink installation will be on a dedicated computer with Apache Tomcat, KGS SAPALink Interface and the Content Manager client and Workgroup installed.

## Audience

This document is intended for IT personnel familiar with the installation and architecture of Content Manager and SAP.

## Related Documents

Content Manager Specifications and Limitations: **CM9.3\_Spec.pdf**

Content Manager Help: **TRIM.chm**

Content Manager Installation: **CM9.3\_Install.pdf**

Content Manager Enterprise Studio Help: **TRIMEnterpriseStudio.chm**

It is also recommended that you read the relevant installation and configuration documentation for the required prerequisites - [Java Virtual Machine](#), [Apache Tomcat Web Server](#) and [KGS SAP ArchiveLink Interface](#).

## Prerequisites

**NOTE:** You can install 32-bit or 64-bit versions of the environment – it is important that you install all components as either 32-bit or 64-bit.

Install the software prerequisites in the following order:

1. Content Manager, unless it is already installed – see **CM9.3\_Install.pdf**.
2. Java Virtual Machine, which you can download from:  
<http://www.java.com/en/download/manual.jsp>
3. Apache Tomcat Web Server, which you can download from: <http://tomcat.apache.org/index.html>

**NOTE:** For Apache Tomcat Web Server installation, do not use the .zip file version – you must use the .exe file.

4. KGS SAP ArchiveLink Interface, which you download from: <http://www.kgs-software.com/solutions/kgs-sap-archivelink-interface.html>

**NOTE:** Content Manager ArchiveLink requires that the **Environment Variables** path includes the installation path of Content Manager.

To check that the path is present, in your computer's **Start** menu, right-click **Computer / My Computer** depending on your operating system and click **Properties**. On the **System Control Panel** dialog, click **Advanced system settings**. On the System Properties dialog, click **Environment Variables**. From the list of system variables, edit the path to ensure the Content Manager installation path is present. In a default installation, it is **C:\Program Files\Micro Focus\Content Manager\**

## Installing KGS SAP ArchiveLink Interface

1. Obtain a KGS SAPALink Interface license from <http://www.kgs-software.com/solutions/kgs-sap-archivelink-interface.html> and click **Request a License**, select **KGS ArchiveLink Interface** from the Product Selection list.
2. Download the latest installation software for Tomcat from KGS Software's web site. You will need to be logged in to see the software downloads. Follow the instructions in the SAPALink© KGS Content Server documentation which can be obtained from the KGS Software web site.

# Installing Content Manager SAPALink

1. Create the following registry items with appropriate values for the Workgroup Server (a local Workgroup Server is recommended) and dataset ID:

- **HKEY\_LOCAL\_MACHINE\SOFTWARE\Micro Focus\Content Manager\SAP**

Name	Data
Database	String: Your dataset ID
Workgroup	String: Your Workgroup Server, recommended LOCAL
Port	DWORD/QWORD: Workgroup Server port number, e.g. 1137 decimal
AltWorkgroup	String, optional: Failover Workgroup Server
AltPort	DWORD/QWORD, optional: Failover Workgroup Server port number, e.g. 1137 decimal
LogMode	DWORD/QWORD, optional: 0 (decimal) logging is turned off (not recommended) 1 (decimal) to turn on detailed logging 2 (decimal) to turn on verbose logging
WaitForDownloads	DWORD 0 (decimal) a request to retrieve a document that is already being downloaded on a different thread will not wait for the download to complete 1 (decimal) a request to retrieve a document that is already being downloaded on a different thread will wait until the download is completed or until the time out specified by the DownloadWaitTime value is reached
DownloadWaitTime	DWORD: the number of seconds to wait for a different thread to download the document being requested.
UseRecordType	String, optional: The name of an existing Record Type in Content Manager that will be used for the creation on Records. The Record Type must have the usual behaviour of SAP Document.
MaxHandles	DWORD, optional: The maximum number of handles requested by KGS' ContentServer that will be honoured.
LogFileName	String, optional: If the previous key is set to 1, provide the fully qualified path name of the log file, e.g. C:\temp\sapalinklog.txt



**NOTE:** If you are following the recommendation to configure a local Content Manager Workgroup Server, ensure that it is included in the Content Manager Enterprise Studio configuration console and that it is installed as a Windows Service. See **CM9.3\_Install.pdf** for further information.

## Checking the Content Manager ArchiveLink configuration

1. Using the Tomcat Monitor or Windows Services, check that the Tomcat service is started.
2. Using a Web browser, navigate to ***http://localhost:<port number>/***, where <port number> represents the port number you specified during the Apache Tomcat installation.

The Tomcat Web page should appear.

3. Click Tomcat Manager and log in using the credentials you created during the Apache Tomcat installation.
4. In the table that appears, find the row that lists the application **/SAPALink**.

The value in the column **Running** should be **true**.

A value of **false** means that the configuration is not complete. In this case, verify that you have followed the steps as outlined above.

**NOTE:** It is recommended that you read the SAPALink© KGS Content Server documentation, which is installed, by default, in **C:\Program Files\Apache Software Foundation\Tomcat X.X\docu** as part of the KGS Content Server installation. It contains the description of a number of settings that affect the way the integration between SAP and Content Manager operates.

## Recommended steps for Apache Server configuration

1. From the **Start** menu, **All Programs – Apache Tomcat**, right-click **Monitor Tomcat** and click **Run as administrator** or use the appropriate steps for your computer's operating system.

An icon with a green triangle appears in the system tray:



2. Right-click the icon and on the shortcut menu, click **Configure**.  
The **Apache Tomcat Properties** dialog appears.
3. On the **General** tab, for **Startup type**, select **Automatic**.
4. On the **Java** tab, for **Initial memory pool** and **Maximum memory pool**, type the values you want the server to use, for example **512** and **1024**.
5. On the **Log On** tab, enter the details of the account **CMServices** or your equivalent that is running your Content Manager services. See **CM9.3\_Install.pdf**.
6. Restart the Tomcat service.

The Content Manager ArchiveLink installation and configuration is complete.

## Upgrading Content Manager ArchiveLink

1. Upgrade the main Content Manager application following the instructions in **CM9.3\_Install.pdf**.
2. Upgrade KGS SAPALink Integration by following the manufacturer's instructions.
3. Upgrade Tomcat Web Server by following the manufacturer's instructions.
4. If necessary, follow the instructions in the previous chapters of this document to make sure the settings are correct.

The Content Manager ArchiveLink upgrade is complete.