

Brainware Intelligent Capture Solution Configuration Manager

Installation and Setup Guide

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Brainware Intelligent Capture Solution Configuration Manager Overview

The Brainware Intelligent Capture (BIC) Solution Configuration Manager (SCM) is a web-based application for the administrators of Brainware Intelligent Capture. This application allows you to configure and manage the database for the different packaged solutions delivered by Brainware. You can manage a database from an Internet browser by entering the BIC Solution Configuration Manager URL. The BIC Solution Configuration Manager saves the changes made and creates migration packets. Migration packets can be exported and then be imported to other environments, for example, from Test to Production.

An initial installation of BIC Solution Configuration Manager requires that you complete several tasks in order. The following installation information assumes that you are performing an initial installation of BIC Solution Configuration Manager.

BIC Solution Configuration Manager Installation Process

Prepare to install

The following steps outline the high-level procedures that you need to perform to install and configure BIC Solution Configuration Manager and the information you need to verify before the installation.

Perform and verify the following procedures during the installation process.

- Confirm installation of software prerequisites
- Ensure you have enough disk space for the executables
- Enable Management Services in IIS

System Requirements

Operating systems

You must install and configure one of the following operating systems before you install BIC Solution Configuration Manager.

- Microsoft Windows 7
- Microsoft Windows 10
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012
- Microsoft Windows Server 2016

BIC Solution Configuration Manager database

The BIC Solution Configuration Manager module requires central management of project data in a database. The BIC Solution Configuration Manager database is certified to run on the following database platforms.

- Microsoft SQL Server 2008 R2
- Microsoft SQL Server 2012
- Microsoft SQL Server 2014
- Microsoft SQL Server 2016
- Oracle 11g

Note:

To be able to install SCM 1.3 on an Oracle 11g database, you will need to install Oracle Client 12c on the SCM server.

- Oracle 12c

Software

You must install the following software applications before you install the application on your machine.

- Internet Information Server 7
- .NET Framework 4.6

Internet Information Server

Prior to installing BIC Solution Configuration Manager, you must install Microsoft IIS according to the instructions provided on the Microsoft website. Refer to the [Technical Specifications](#) document for information about supported versions of IIS, as well as any other prerequisite for this product.

During the installation of IIS 7, make sure that you install the following Role Services:

- Static Content
- Default Document
- Directory Browsing
- HTTP Errors
- ASP.NET
- .NET Extensibility
- HTTP Logging
- Request Monitor

For more information on installing and configuring IIS, refer to the Microsoft documentation.

Internet browsers

The BIC Solution Configuration Manager application is certified to use the following internet browsers.

- Internet Explorer 9 and higher
- Google Chrome
- Mozilla Firefox
- Microsoft Edge

Install BIC Solution Configuration Manager

The following sections define the steps required to install the BIC Solution Configuration Manager.

Configure database checklist

You configure the database checklist depending on your operating system.

BIC Solution Configuration Manager SQL server checklist

You must create the following database accounts before installing BIC Solution Configuration Manager.

- Administrative database account with create, modify, and delete rights in the database tables. You can use windows authentication if you have administrator rights to the database server.
- User database account used by BIC Solution Configuration Manager with administrative rights to add, modify, and delete data. You can use windows authentication if your installation has the appropriate rights to the database server.

BIC Solution Configuration Manager Oracle checklist

You must complete the following tasks before installing BIC Solution Configuration Manager.

1. Create an ORACLE instance for BIC Solution Configuration.
2. Create a user for BIC Solution Configuration Manager with a password.
3. Assign rights to the user.
 1. Allow increased growth of data.
 2. Allow insertion, modification, and deletion of data.
 3. Allow creation of database entities.
4. Create an administrative database account with create, modify, and delete rights in the database tables. You can use windows authentication if you have administrator rights to the database server.
5. Create database account used by BIC Solution Configuration Manager with administrative rights to add, modify, and delete data. You can use windows authentication if you are installation has the appropriate rights to the database server.

Install BIC SCM through Brainware Solution Configuration Manager Installer

You can install BIC Solution Configuration Manager by following the steps mentioned in the Brainware Solution Configuration Manager Installer. The BIC Solution Configuration Manager Installer is currently usable for new installations only and does not support an upgrade or uninstallation.

When you run the installer, it checks for an existing installation of SCM. If it finds any existence of SCM, it throws a warning message. You must acknowledge the warning message, abort the installation and manually uninstall SCM before continuing with the installer.

If you use the installer for upgrading an existing application, it may cause the files to get deleted or corrupted. You can use the Add/Remove Programs available in the Windows Control Panel to uninstall an existing version of SCM.

The ability to install or deploy SCM package(s) for Solutions (BFI, BFT) as an automated step of the SCM Installer has been removed. Solution SCM Packages will only be available on the Downloads page specific to the Solution version involved. Once SCM is installed, Solution SCM Packages can be deployed using the existing capability within SCM. This helps in removing any dependencies or requirements to deploy solution packages as a part of the SCM installation process.

The SCM Installer contains the following artifacts.

- The SCM Installer
- The Database Scripts needed to create the SCM Database (both SQL Server and Oracle)

To install BIC SCM through Brainware Solution Configuration Manager Installer, complete the following steps.

1. Launch the Brainware Solution Configuration Manager Setup Wizard.

Note:

The BIC Solution Configuration Manager installer displays a warning message that you need to acknowledge before you can continue.

2. Read carefully and select the **I understand and want to continue the installation** check box to acknowledge the warning and click **Next**.
3. Enter the directory path where you want to install SCM in the **Install Solution Configuration Manager Web Files to** box.
4. Click **Next**. The **Setting IIS Application Pool Identity** page appears.
5. Select the account using which you want to set up the application pool.

Note:

You can use the built-in account which is selected by default or create a custom account. The AppPool identity user MUST have modify permission on the web application's physical path and migration packet share(s). If appropriate permissions are not set, connection string passwords will be stored in plain text in the web.config file.

6. Click **Next**. The **Database Creation** page appears.
7. Perform one of the following options.
 - Click the **Database created by the installation** option if you want the installer to set up the database as part of the installation process.

Note:

The database scripts must reside in the same directory as the Installer.exe file. The installation will not work, if these folders are moved or deleted by the user.

- Click the Database created manually by the user option if you want to set up the database manually. For more information, refer to the **Manually create database objects** section in this document.
8. Click **Next**. The **Database Connection** page appears.
 9. Specify the database connection string that the SCM application will use in the **SCM Database Connection String** box. If database tables already exist, a warning message is displayed.
 10. Click **OK** to acknowledge the warning message.

Note:

You must manually remove the existing database tables, select a new database to continue, or abort the installation. The installer cannot be used to overwrite existing database tables.

11. Click **Next**. The **Migration Packet Share Paths** page appears.
12. On the **Migration Packet Share Paths** page, in the **Import Share path** box, enter the share path for the Import packet.
13. Enter the share path for the Export packet in the **Export Share path** box and click **Next**.
14. On the **Brainware Intelligent Capture Connection String** page, in the **Brainware Intelligent Capture Connection String** box, specify the Brainware Intelligent Capture Core connection string and click **Next**.
15. On the **Summary** page, review the installation details that you have selected and click **Install**.

Frequently Asked Questions (FAQ)

This section contains frequently asked questions and solutions to them.

How to modify the installation directory path?

You can modify the installation directory path by clicking **Change** on the **Install Directory** window.

Can SCM 1.3 be installed on an Oracle 11g database?

Yes. However, to be able to install SCM1.3 on an Oracle11g database, you will need to install Oracle Client12c on the SCM server.

Can the SCM Installer be used to automatically install or deploy BFI or BFT Solution packages?

In the 1.3 release, the ability to install or deploy SCM package(s) for Solutions (BFI, BFT) as an automated step of the SCM Installer has been removed. Solution SCM Packages will only be available on the **Downloads** page specific to the Solution version involved. Once SCM is installed, Solution SCM Packages can be deployed using the existing capability within SCM. This helps in removing any dependencies or requirements to deploy solution packages as a part of the SCM installation process.