

SAP BusinessObjects Business Intelligence platform  
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# SAP BusinessObjects Business Intelligence platform .NET SDK Runtime Deployment Guide



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# 1 Document History

Version	Date	Description
SAP BusinessObjects Business Intelligence platform 4.2	November 2015	Updated the guide with branding changes.

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## 2 About this documentation

This documentation provides you with information for deploying the SAP BusinessObjects BI platform .NET SDK runtime. The runtime allows you to include functionality such as scheduling, publishing, and server administration, without the need to install SAP BusinessObjects BI platform on every machine.

### Who should use this documentation

This documentation is aimed at programmers who are:

- Developing custom applications that require SAP BusinessObjects BI platform functionality.
- Developing custom applications that must connect to an existing SAP BusinessObjects BI platform system.

### 3 SAP BusinessObjects BI platform .NET SDK runtime deployment

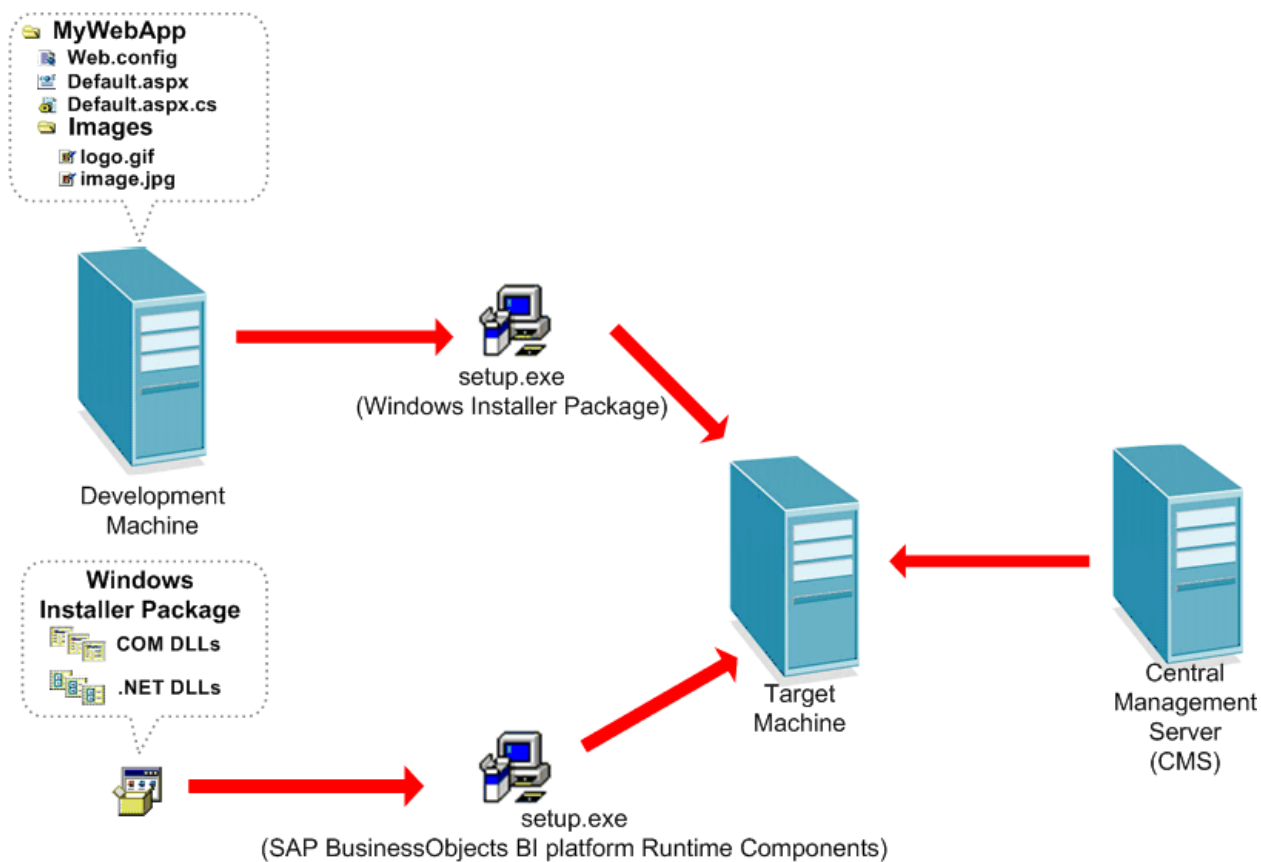
SAP BusinessObjects BI platform .NET SDK runtime comes as a Windows Installer package for 32-bit and 64-bit machines. The .exe version is a standard Windows Installer that can be run directly or packaged as part of your application.

#### **i** Note

BusinessObjects .NET Providers is supported only on 32-bit machines.

To distribute a Visual Studio application that uses the SAP BusinessObjects BI platform .NET SDK, the deployment project needs the following components, depending on the type of deployment you are performing:

- .NET Framework 3.5 or higher
- Project output  
Assemblies, binaries and support files from the project necessary to deploy the application to target client machines.
- SAP BusinessObjects BI platform .NET SDK Windows Installer  
Components that enable clients to access SAP BusinessObjects BI platform functionality such as scheduling, publishing, user authentication, and server management.
- Optional: SAP Crystal Reports .NET SDK Windows Installer  
Components that enable report viewing, printing, and modification.



You can install the runtime in following ways:

- Manually double clicking the .exe file.
- Performing a silent installation.

## 3.1 Deployment components

### 3.1.1 Common language runtime

To deploy Visual Studio .NET applications, the .NET Framework must be installed on the target computer before you install the deployment project. When you create a deployment project, the .NET Framework is not included by default

You can find the .NET Framework on the Visual Studio .NET Windows Components Update CD or from the Microsoft Web site. From the CD, the .NET Framework installer (an .exe file), can be redistributed with the deployment project.

Alternately, the correct .NET Framework can be added as a prerequisite to your Visual Studio deployment project.

## 3.1.2 Project output

Project output contains files from the Web or Windows applications that must be added to deployment projects. You can choose to add one or more of the following types of project output:

- The *Primary Output* option adds all .dll and .exe files that have been built from the Web or Windows application.

### Note

In Crystal Reports for Visual Studio 2005 and up, Web Sites have been modified to exclude .dll and .exe files. Therefore, there is no Primary Output to add to Web Sites.

- The *Content Files* option adds Web.config, Global.asax, and all Web Forms (.aspx pages) that are created in the Web applications, or App.ico for Windows applications.

### Note

You can also add Documentation Files, Localized Resources, Debug Symbols, and Source Files to the deployment project. However, those project output files are not necessary for deployment.

You must add Primary Output to Winform Setup Projects, and Content Files to Web Projects containing ASPX files.

## 3.1.3 Assemblies included in the SAP BusinessObjects BI platform runtime package

- BusinessObjects.Enterprise.Admin
- BusinessObjects.Enterprise.Desktop
- BusinessObjects.Enterprise.Dest
- BusinessObjects.Enterprise.Providers
- CrystalDecisions.Enterprise
- CrystalDecisions.Enterprise.Admin
- CrystalDecisions.Enterprise.Auth
- CrystalDecisions.Enterprise.Desktop
- CrystalDecisions.Enterprise.Dest
- CrystalDecisions.Enterprise.Utils
- CrystalDecisions.Enterprise.Viewing
- CrystalDecisions.Sdk.Uri

## 3.1.4 SAP Crystal Reports .NET SDK

The SAP Crystal Reports .NET SDK is also included with the SAP BusinessObjects BI platform .NET SDK runtime package. This allows you to use the SAP Crystal Reports SDK for viewing, printing, and report modification.

### 3.1.4.1 SAP Crystal Reports .NET SDK assemblies included

- CrystalDecisions.CrystalReports.Design
- CrystalDecisions.CrystalReports.Engine
- CrystalDecisions.CrystalReports.TemplateEngine
- CrystalDecisions.Data.AdoDotNetInterop
- CrystalDecisions.Enterprise.Desktop.Report
- CrystalDecisions.Enterprise.Viewing.ReportSource
- CrystalDecisions.PromptingClientSDK
- CrystalDecisions.ReportAppServer.ClientDoc
- CrystalDecisions.ReportAppServer.CommLayer
- CrystalDecisions.ReportAppServer.CommonControls
- CrystalDecisions.ReportAppServer.CommonObjectModel
- CrystalDecisions.ReportAppServer.Controllers
- CrystalDecisions.ReportAppServer.CubeDefModel
- CrystalDecisions.ReportAppServer.DataDefModel
- CrystalDecisions.ReportAppServer.DataSetConversion
- CrystalDecisions.ReportAppServer.ObjectFactory
- CrystalDecisions.ReportAppServer.Prompting
- CrystalDecisions.ReportAppServer.ReportDefModel
- CrystalDecisions.ReportAppServer.XmlSerialize
- CrystalDecisions.ReportSource
- CrystalDecisions.Shared
- CrystalDecisions.VSDesigner
- CrystalDecisions.Web
- CrystalDecisions.Windows.Forms
- SAPBusinessObjects.WPF.Viewer
- SAPBusinessObjects.WPF.ViewerShared

## 3.2 Runtime deployment

### 3.2.1 Installing .NET SDK Runtime

To install SAP BusinessObjects BI platform .NET SDK runtime, perform the following steps:

1. Download the installer from the SAP Service Marketplace.  
The installer is available for both 32-bit and 64-bit machines.
2. Run the `setup.exe` file.
3. Choose the setup language, and click [OK](#).

The prerequisite checking screen appears with the summary of the missing critical and optional components.

4. If some of the components are missing, click the missing item to check how to resolve it.



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5. Click [Next](#).
  6. Accept the license agreement, and click [Next](#).
  7. Specify the destination folder, and click [Next](#).
  8. Click [Next](#) to begin the installation.

## 3.2.2 Performing a silent runtime installation

With the SAP BusinessObjects BI platform .NET SDK runtime Windows Installer, you can perform a silent install on a client machine. A silent installation is an installation that is done entirely from the command line and requires no user interaction.

1. Go to the command prompt.
2. Change to the directory where the SAP BusinessObjects BI platform .NET SDK runtime Windows Installer package is located.
3. Enter the following command: `setup.exe installdir=C:\Program Files (x86)\setupui language=en features=netruntimecontent,root /qn.`

The application installs.

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