SAP BusinessObjects
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Dashboards and Presentation Design Installation Guide

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1 Document History

The following table provides an overview of the most important document changes.

Version	Date	Description
SAP BusinessObjects Dashboards 4.1	August 2012	Initial release.
SAP BusinessObjects Dashboards 4.1 Support Package 3	March 2014	Updated the interactive installation procedure.
SAP BusinessObjects Dashboards 4.1 Support Package 4	June 2014	Added a note about enabling Adobe Flash Player.

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2 About this Guide

This guide is intended for business intelligence decision-makers and administrators responsible for installing and using SAP BusinessObjects Dashboards, SAP Crystal Dashboards, and SAP Crystal Presentation Design on Windows client machines in corporate environments.

> **Note**
>
> These products are documented in a single guide because they have many common features.

You can install the products interactively from the Dashboards and Presentation Design media on a stand-alone or client machine. You can also install the products silently (using a script or from the command line) on multiple machines.

This guide covers important information about planning, preparing, and performing installations and maintenance tasks.

For more information about features and capabilities, see the *Dashboards and Presentation Design User Guide*.

Related Information

System requirements [page 10]

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3 Planning Installations

3.1 Getting started

3.1.1 Overview of Dashboards and Presentation Design

Dashboards is data visualization software that allows you to create and export interactive dashboards from Excel spreadsheets or other external data sources. These dashboards contain various components, such as charts, gauges, and dials, that are bound to data sources. The components display the data in a compact and visual manner.

Presentation Design is a presentation tool that enables users to create and export interactive dashboards from Excel spreadsheets.

For more information about Dashboards' features and capabilities, see the *Dashboards and Presentation Design User Guide*.

3.1.2 Installation types

You can install Dashboards and Presentation Design on a client or a stand-alone Windows machine. An interactive installation involves running a program from the installation media.

If you have a large-scale deployment, you can perform one of the following silent installations:

- Scripted silent installation involves writing parameters to a `response.ini` file, and then using the file to run the installation program.
- Command-line silent installation involves passing parameters to the installation program directly.

Related Information

Interactive installations [page 7]
Silent installations [page 7]

3.1.2.1 Integration

SAP deployments

You can install Dashboards on a client machine, and use it to connect to an SAP Crystal Reports Server OEM Edition or an SAP BusinessObjects Business Intelligence platform deployment.

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You can also install Dashboards on a stand-alone machine side by side with a Crystal Reports or BI platform deployment. Your deployment must be operational and accessible when you run the installation program.

SAP systems

If you have a BI platform deployment, you can connect to BEx query data through the *Query Browser* in Dashboards and deploy your Dashboards models onto the BI platform.

If you do not have a BI platform deployment, you can create an *SAP NetWeaver BW Connection* in the *Data Manager* in Dashboards.

> **Note**
>
> Before you install Dashboards, install SAP Frontend 7.x with BI Add Ons. Dashboards requires Java and ABAP to connect to NetWeaver BW EhP1SP5 (or later).

For more information about deploying NetWeaver BW, see the documentation available at *http://help.sap.com*.

Live Office

If you want to create Live Office objects, you can install Live Office after you install Dashboards.

> **Note**
>
> Live Office is not required for refresh capabilities.

3.1.3 Upgrading from a previous version of Dashboards or Presentation Design

If you have a previous version of the application installed, there are several options for upgrading to Dashboards or Presentation Design 4.1, depending on the existing version:

If the existing version is Xcelsius 2008 or earlier, there are two installation options:

- Side-by-side installation: installs the new version without changing the previous version.
- Upgrade: removes the previous version and installs the new version.

For a machine with Dashboard Design or Presentation Design 4.0 installed, you can use a patch installation to upgrade to the current version. You can install the patch using any of the methods described in this document, that is, interactively or as a scripted or command-line silent install.

Patch installation parameters are determined by the existing version of the application. If you want to perform a full installation of the current version, for instance, to specify new language packs or a different directory for the installation, Dashboard Design or Presentation Design 4.0 must be uninstalled first.

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3.2 Key tasks

3.2.1 Interactive installations

Interactive installations allow you to install and configure Dashboards and Presentation Design on a client or a standalone Windows machine using a wizard.

> **Note**
>
> You must have Administrator privileges on your local machine to install Dashboards or Presentation Design.

Before you install the products, ensure that Adobe Flash Player 11 (or later) and Microsoft Excel 2007 (or later) are installed.

> **Note**
>
> On Windows 2012, the Adobe Flash Player is included as an add-on for Internet Explorer. However, you must manually enable the add-on. For details, see *http://social.technet.microsoft.com/Forums/windowsserver/en-US/4a178833-1fe0-4cec-81b0-bb8769f0ea03/how-do-i-install-flash-player-in-server-2012?forum=winserver8gen* .

> **Note**
>
> If a previous version of the application exists on the machine, you must either upgrade it with a new installation or a patch, or carry out a side-by-side installation. The available options depend on the existing version; see *Upgrading from a previous version of Dashboards or Presentation Design* [page 6] for more information.

Related Information

To install Dashboards or Presentation Design interactively [page 11]
To patch Dashboards or Presentation Design interactively [page 12]

3.2.2 Silent installations

Silent installations allow you to install and configure Dashboards and Presentation Design on a client or a stand-alone Windows machine.

> **Note**
>
> You must have Administrator privileges on your local machine to install Dashboards or Presentation Design.

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You can run an unattended silent installation from the installation media using a `response.ini` file. You can also specify installation parameters directly at the command line. All options available during interactive installations are also available during silent installations.

Scripted and command-line silent installations use the same parameters. Using a `response.ini` file is recommended if your installation requires a large number of parameters, or if you want to integrate scripts and commands into your own installation scripts.

Dashboards and Presentation Design do not support silent installations when the installation files are on multiple media sources. In this case, you must first copy all installation contents to a single location, and then run the silent installation.

Before you install the products, ensure that Adobe Flash Player 11 (or later) and Microsoft Excel 2007 (or later) are installed.

> **Note**
>
> On Windows 2012, the Adobe Flash Player is included as an add-on for Internet Explorer. However, you must manually enable the add-on. For details, see *http://social.technet.microsoft.com/Forums/windowsserver/en-US/4a178833-1fe0-4cec-81b0-bb8769f0ea03/how-do-i-install-flash-player-in-server-2012?forum=winserver8gen* .

> **Note**
>
> If a previous version of the application exists on the machine, you must either upgrade it with a new installation or a patch, or carry out a side-by-side installation. The available options depend on the existing version; see *Upgrading from a previous version of Dashboards or Presentation Design* [page 6] for more information.

Related Information

To install Dashboards or Presentation Design using a silent script [page 14]
To install Dashboards or Presentation Design silently from the command line [page 17]

3.3 Naming conventions

3.3.1 Variables

This guide uses the following variables.

Variable	Description
<<COLLATERALS>>	The directory where collateral files are located on the Dashboards and Presentation Design media.

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Variable	Description
	`D:\Collaterals\docs\`**`<<LANGUAGE>>`** Acceptable values for **`<<LANGUAGE>>`** are: `en`, `fr`, `de`, `ja`, `es`, `zh_CN`, `it`, `nl`, `ru`, `ko`, `zh_TW`, `pt`, `sv`, `pl`, `nb`, `da`, `th`, `fi`, `cs`, `hu`, `sk`, `tr`
`<<INSTALLDIR>>`	The directory where SAP BusinessObjects Business Intelligence platform is installed. `C:\Program Files (x86)\SAP BusinessObjects`

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4 Preparing for Installations

4.1 System requirements

For a current list of supported operating systems and hardware requirements, see *Analytics* > *SBOP Dashboards 4.1* on the Product Availability Matrix (PAM) at *http://service.sap.com/pam*.

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5 Performing Installations

5.1 Interactive installations

5.1.1 To install Dashboards or Presentation Design interactively

1. Run `setup.exe` from the Dashboards or Presentation Design media.
2. Select a language for the installation program, and click *OK*.
3. Read the information on the Welcome page, and click *Next*.
4. Ensure that all of the critical dependencies are present, and click *Next*.
5. Review the License Agreement, select *I accept the License Agreement*, and click *Next*.
6. (Optional) On the *Specify the destination folder* page, enter the installation directory.

   > **Note**
   >
   > If you have already installed an SAP BusinessObjects product, this page will be disabled and the desktop client will be installed into the default **<INSTALLDIR>** directory.

   - Accept the default installation directory, and click *Next*.
   - If you want to install to a different directory, click *Browse*, select a directory, click *OK*, and click *Next*.

   > **Note**
   >
   > The application is installed to the `Xcelsius 4.1` subdirectory under **<INSTALLDIR>**.

7. Enter your *Product Key* and click *Next*.
8. If a previous version of the application is detected, choose whether you want to perform a side-by-side installation, or a simple upgrade.

   If you choose a side-by-side installation, the previous version of the application is left unchanged, and the new version is installed. If you choose an upgrade, the previous version of the application is uninstalled before the new version is installed.
9. On the *Select Language Packages* page, select the language packages that you want to install, and click *Next*.

   > **Restriction**
   >
   > Ensure that you select all of the necessary language packs before you proceed through the wizard. If you need additional language packs in the future, you will have to uninstall and reinstall the desktop client.

10. On the *Select Install Type* page, select one of the following options:
    - *Typical* installs only Dashboards or Presentation Design.
    - *Custom* allows you to select Dashboards or Presentation Design, and the Component SDK.

      > **Tip**
      >
      > Component SDK allows Adobe Flex 4 developers to create and package add-ons for Dashboards.

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11. Proceed through the wizard to the *Start Installation* page, and then click *Next*.
    The installation process begins.
12. When the installation is complete, click *Finish*.

You can now run Dashboards from *Start* > *Programs* > *Dashboards*.

You can now run Presentation Design from *Start* > *Programs* > *SAP Crystal Presentation Design 2011*.

Related Information

Interactive installations [page 7]

5.1.2 To patch Dashboards or Presentation Design interactively

1. Run `setup.exe` from the Dashboards or Presentation Design media.
   The interactive installation wizard appears.
2. Select a language for the installation program, and click *OK*.
3. Ensure that all of the critical dependencies are present, and proceed through the wizard to the *License Agreement* page.
4. Review the License Agreement, select *I accept the License Agreement*, and click *Next*.
5. Proceed through the wizard to the *Start Installation* page, and then click *Next*.
   The installation process begins.
6. When the installation is complete, click *Finish*.

You can now run Dashboards from *Start* > *Programs* > *Dashboards*.

You can now run Presentation Design from *Start* > *Programs* > *SAP Crystal Presentation Design 2011*.

5.2 Silent installations

5.2.1 Scripted silent installations

5.2.1.1 To create a response file for a scripted silent installation

Before you run a scripted silent installation, you must use the Dashboards or Presentation Design media to create a `response.ini` file.

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1. Run `setup.exe -w C:\response.ini` from the installation media.
   The interactive installation wizard appears.
2. Proceed through the wizard, selecting your installation options. Follow the instructions in the "To install Dashboards or Presentation Design interactively" section.
3. On the *Start installation* page, click *Next*, and then click *OK*.
   The installation program writes your installation options to the `response.ini` file, and closes.

You can now open `C:\response.ini` in a text editor to review your installation options.

Example

In this example, these are the selected installation options:

- side-by-side installation
- default installation type
- include English and Japanese language packs
- English installation language
- Dashboards or Presentation Design, and the Component SDK

Restriction

`Xcelsius.Designer` is a required feature.

```
### #property.ChooseSimpleUpgrade.description#
choosesimpleupgrade=0

### Installation directory
installdir=<<INSTALLDIR>>

### #property.InstallType.description#
installtype=default

### Product keycode
productkey=XXXXX-XXXXXXX-XXXXXX-XXXXXXX-XX

### Registered Company
registeredcompany=Any Company

### Registered User
registereduser=John Smith

### #property.SelectedLanguagePack.description#
selectedlanguagepacks=en;ja

### Setup UI language
setupuilanguage=en

### Available features
### ------------------
### root
###   Xcelsius.Designer
###   Xcelsius.SDK
features=Xcelsius.Designer,Xcelsius.SDK
```

Note

If you want to add a note or comment to the `response.ini` file, you can add `###` to the beginning of a line. Lines that begin with `###` are not processed by `setup.exe`

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Related Information

Variables [page 8]
Silent installations [page 7]
To install Dashboards or Presentation Design using a silent script [page 14]
Parameters for scripted silent installations [page 14]
To install Dashboards or Presentation Design interactively [page 11]

5.2.1.2 To install Dashboards or Presentation Design using a silent script

You can perform a silent scripted installation using a `response.ini` file that contains your installation parameters.

> **Tip**
>
> Remember to add a valid keycode to your `response.ini` file.

1. Run `setup.exe -r C:\response.ini` from the Dashboards or Presentation Design media.
   The silent installation reads parameters from the `response.ini` file.
2. Wait a few minutes for the installation to complete.

You can now run Dashboards from *Start* > *Programs* > *Dashboards*.

You can now run Presentation Design from *Start* > *Programs* > *SAP Crystal Presentation Design 2011*.

Related Information

Silent installations [page 7]
To create a response file for a scripted silent installation [page 12]
Parameters for scripted silent installations [page 14]

5.2.1.3 Parameters for scripted silent installations

> **Syntax**
>
> > **Remember**
> >
> > You can specify parameters within a `response.ini` file or at the command line. If you specify command-line parameters in addition to a `response.ini` file, the command-line parameters take precedence.

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Parameter	Description	Example
`choosesimpleupgrade`	The method of installation: • `0` (Perform a side-by-side installation if a previous version of Dashboards or Xcelsius is detected.) • `1` (Automatically remove the previous version of Dashboards or Xcelsius.)	**`choosesimpleupgrade=1`**
`features`	The features available on the feature tree. Acceptable values are: • `Xcelsius.Designer` (Dashboards or Presentation Design) **Restriction** This is a required feature. • `Xcelsius.SDK` (Component SDK allows Adobe Flex 4 developers to create and package add-ons for Dashboards.) **Note** Separate features with a comma (,).	**`features=Xcelsius.Designer,Xcelsius.SDK`**
`installdir`	The SAP BusinessObjects installation path. **Note** If you have already installed an SAP BusinessObjects product, the desktop client will be installed into the default **`<<INSTALLDIR>>`** directory.	**`installdir=C:\Program Files (x86)\SAP BusinessObjects\`**
`installtype`	The type of installation: • *Default* installs all components automatically. • *Custom* lets you select features from the feature tree.	**`installtype=Default`**
`productkey`	A valid product keycode.	**`productkey=XXXXX-XXXXXXX-XXXXXX-XXXXXXX-XX`**

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Parameter	Description	Example
	Tip Remember to add a valid keycode to your `response.ini` file.	
`selectedlanguagepacks`	The language packs that you want to install. You can select more than one language. Acceptable values are: • `en` (English) • `fr` (French) • `de` (German) • `ja` (Japanese) • `es` (Spanish) • `zh_CN` (Simplified Chinese) • `it` (Italian) • `nl` (Dutch) • `ru` (Russian) • `ko` (Korean) • `zh_TW` (Traditional Chinese) • `pt` (Portuguese) • `sv` (Swedish) • `pl` (Polish) • `nb` (Norwegian Bokmal) • `da` (Danish) • `th` (Thai) • `fi` (Finnish) • `cs` (Czech) • `hu` (Hungarian) • `sk` (Slovakian) • `tr` (Turkish) **Note** Separate language packs with a semicolon (;).	**`selectedlanguagepacks=en;ja`**
`setupuilanguage`	The language that you want to use during the installation. You can select only one language. Acceptable values are: • `en` (English) • `fr` (French) • `de` (German)	**`setupuilanguage=ja`**

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Parameter	Description	Example
	• `ja` (Japanese) • `es` (Spanish) • `zh_CN` (Simplified Chinese) • `it` (Italian) • `nl` (Dutch) • `ru` (Russian) • `ko` (Korean) • `zh_TW` (Traditional Chinese) • `pt` (Portuguese) • `sv` (Swedish) • `pl` (Polish) • `nb` (Norwegian Bokmal) • `da` (Danish) • `th` (Thai) • `fi` (Finnish) • `cs` (Czech) • `hu` (Hungarian) • `sk` (Slovakian) • `tr` (Turkish)	

Related Information

Variables [page 8]
Silent installations [page 7]
To create a response file for a scripted silent installation [page 12]
To install Dashboards or Presentation Design using a silent script [page 14]

5.2.2 Command-line silent installations

5.2.2.1 To install Dashboards or Presentation Design silently from the command line

You can perform a silent command-line installation by passing parameters directly at the command line.

> **Note**
>
> When you perform a command-line silent installation, you automatically accept the End-User License Agreement (EULA). You can find a copy of the license agreement in the **<<COLLATERALS>>** directory on your Dashboards or Presentation Design media.

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1. Run `setup.exe -q` from the installation media, followed by the parameters you need.
   In this example, these are the selected installation options:
   - side-by-side installation
   - default installation type
   - include English and Japanese language packs
   - English installation language
   - Dashboards or Presentation Design, and the Component SDK

   Restriction

   `Xcelsius.Designer` is a required feature.

   ```
   setup.exe -q
      choosesimpleupgrade=0
      installdir="<<INSTALLDIR>>"
      installtype=default
      productkey="XXXXX-XXXXXXX-XXXXXX-XXXXXXX-XX"
      selectedlanguagepacks="en;ja"
      setupuilanguage="en"
      features="Xcelsius.Designer,Xcelsius.SDK"
   ```

   Note

   Due to the limitations of the command prompt, if you specify more than one value for any parameter, enclose all of the values in quotation marks (").
2. Wait a few minutes for the installation to complete.

You can now run Dashboards from *Start* > *Programs* > *Dashboards*.

You can now run Presentation Design from *Start* > *Programs* > *SAP Crystal Presentation Design 2011*.

Related Information

Variables [page 8]
Silent installations [page 7]
Parameters for command-line silent installations [page 18]

5.2.2.2 Parameters for command-line silent installations

Syntax

Note

You can specify parameters within a `response.ini` file or at the command line. If you specify command-line parameters in addition to a `response.ini` file, the command-line parameters take precedence.

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Due to the limitations of the command prompt, if you specify more than one value for any parameter, enclose the values in quotation marks (for example, `selectedlanguagepacks="en;fr;de"`).

Parameter	Description	Example
`choosesimpleupgrade`	The method of installation: • `0` (Perform a side-by-side installation if a previous version of Dashboards or Xcelsius is detected.) • `1` (Automatically remove the previous version of Dashboards or Xcelsius.)	**`choosesimpleupgrade="1"`**
`features`	The features available on the feature tree. Acceptable values are: • `Xcelsius.Designer` (Dashboards or Presentation Design) **Restriction** This is a required feature. • `Xcelsius.SDK` (Component SDK allows Adobe Flex 4 developers to create and package add-ons for Dashboards.) **Note** Separate features with a comma (,).	**`features="Xcelsius.Designer,Xcelsius.SDK"`**
`installdir`	The SAP BusinessObjects installation path. **Note** If you have already installed an SAP BusinessObjects product, the desktop client will be installed into the default **`<<INSTALLDIR>>`** directory.	**`installdir="C:\Program Files (x86)\SAP BusinessObjects\"`**
`installtype`	The type of installation: • *Default* installs all components automatically. • *Custom* lets you select features from the feature tree.	**`installtype="Default"`**
`productkey`	A valid product keycode.	**`productkey="XXXXX-XXXXXXX-XXXXXX-XXXXXXX-XX"`**

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Parameter	Description	Example
`selectedlanguagepacks`	The language packs that you want to install. You can select more than one language. Acceptable values are: • `en` (English) • `fr` (French) • `de` (German) • `ja` (Japanese) • `es` (Spanish) • `zh_CN` (Simplified Chinese) • `it` (Italian) • `nl` (Dutch) • `ru` (Russian) • `ko` (Korean) • `zh_TW` (Traditional Chinese) • `pt` (Portuguese) • `sv` (Swedish) • `pl` (Polish) • `nb` (Norwegian Bokmal) • `da` (Danish) • `th` (Thai) • `fi` (Finnish) • `cs` (Czech) • `hu` (Hungarian) • `sk` (Slovakian) • `tr` (Turkish) **Note** Separate language packs with a semicolon (;).	**`selectedlanguagepacks="en;ja"`**
`setupuilanguage`	The language that you want to use during the installation. You can select only one language. Acceptable values are: • `en` (English) • `fr` (French) • `de` (German) • `ja` (Japanese) • `es` (Spanish) • `zh_CN` (Simplified Chinese) • `it` (Italian) • `nl` (Dutch)	**`setupuilanguage="ja"`**

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Parameter	Description	Example
	• `ru` (Russian) • `ko` (Korean) • `zh_TW` (Traditional Chinese) • `pt` (Portuguese) • `sv` (Swedish) • `pl` (Polish) • `nb` (Norwegian Bokmal) • `da` (Danish) • `th` (Thai) • `fi` (Finnish) • `cs` (Czech) • `hu` (Hungarian) • `sk` (Slovakian) • `tr` (Turkish)	

Related Information

Silent installations [page 7]
To install Dashboards or Presentation Design silently from the command line [page 17]

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6 Post Installation

6.1 Maintaining your installation of Dashboards or Presentation Design

You can use *Add/Remove Programs* or *Programs and Features* in *Control Panel* to repair, modify, or remove your installation of Dashboards or Presentation Design.

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