SIEMENS

SIMATIC

B.Data V6.0 SP1 – Installation

Installation Manual

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11/2014

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Legal information

Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

⚠ DANGER

indicates that death or severe personal injury **will** result if proper precautions are not taken.

⚠ WARNING

indicates that death or severe personal injury **may** result if proper precautions are not taken.

⚠ CAUTION

indicates that minor personal injury can result if proper precautions are not taken.

NOTICE

indicates that property damage can result if proper precautions are not taken.

If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

Proper use of Siemens products

Note the following:

⚠ WARNING

Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

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Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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Introduction

1

1.1 Security Disclaimer

Security information

Siemens offers products and solutions with industrial security functions, which support the secure operation of plants, solutions, machines, devices and/or networks. They are important components of a holistic Industrial security concept. The products and solutions from Siemens undergo continuous development with this factor in mind. Siemens recommends you inform yourself about product updates on a regular basis.

For the safe operation of products and solutions from Siemens, it is necessary to take suitable protective measures (e.g. cell protection concept) and to integrate each component into an overall IT security concept which corresponds to the state-of-the-art IT technology. Any third-party products that may be in use must also be taken into account. Please find further information at:

http://www.siemens.com/industrialsecurity (http://www.siemens.com/industrialsecurity)

Register for our product-specific newsletter to ensure that you are always informed about product updates. You can find additional information at:

http://support.automation.siemens.com (http://support.automation.siemens.com)

Industrial security alerts

Information on security patches and security updates is available on the Internet:

http://www.industry.siemens.com/topics/global/en/industrial-security/news-alerts/ (http://www.industry.siemens.com/topics/global/de/industrial-security/news-alerts/)

Password security

The administrator can specify the complexity of passwords in BData.

Make sure that these specifications meets the usual security guidelines, for example, mandatory use of capital letters and special characters, minimum number of characters.

Security of the login data

Make sure that the backup of the login data in the browser is deactivated according to the security guidelines.

Secure communication

To increase the security of your communication between web client and web server, configure the servers so that only HTTPS connections are supported. You need a digital certificate for your servers. For more information, refer to "How to Set Up an HTTPS Service in IIS" in Microsoft Support (http://support.microsoft.com/kb/324069/en-us (http://support.microsoft.com/kb/324069)).

Make sure to use an encryption strength that meets the latest security guidelines.

Make sure that the database and application servers communicate in a shared area to exchange confidential data, a so-called demilitarized zone (DMZ).

If the database server and the application server are located in separate areas, use appropriate measures to ensure confidential communication (authentication and encryption). For example, use a Virtual Private Network tunnel (VPN).

Notes for communication on the Internet

Avoid cross-site request forgery for the web server

Cross-site request forgery is similar to the vulnerability caused by cross-site scripting (XSS, Cross Site Scripting). The attack is triggered when an authenticated user clicks on a malicious link. This weak spot exists even if scripting is deactivated in the browser.

Siemens recommends:

- Do not work with other applications or services that have anything to do with the Internet.
- Log off when you do not need the web server any longer.

1.2 Software license agreement

The granting of licenses for automation and drive engineering software to the licensee is subject to written mutual agreements. Siemens grants the licensee rights of use for the software specified in the software product certificate. The type of software licensing is defined in the order confirmation.

Note

ORACLE Deutschland B.V. & Co. KG is the owner of the software (Oracle Database Standard/Enterprise Edition) contained in SIMATIC B.Data Basic System.

Note

B.Data V6.0 does not support access of third-party applications to the database included. Access is only possible by way of the B.Data application. The database must be licensed separately if you need to access it by a third-party application. For more information and answers to any questions, contact the B.Data Hotline.

1.3 Use as intended

WARNING

Security note

The software may be used only for the applications described in the catalog or the technical description, and only in combination with the software products, components and devices of other manufacturers where recommended or permitted by Siemens. Before you run any sample programs included with your product package, or user programs, make sure that harm to the health of human beings or damage to machinery is safely excluded during plant operation.

Installing B.Data

2

2.1 Introduction

The B.Data client enables users to access B.Data files from their workstation, to create reports, and compute evaluations. This documentation describes the installation of a B.Data system and the hardware and software requirements. In addition, you can use this setup to separately install clients, acquisition components and the Web server. If you decide to do so, additional services will be set up that are usually available to several users, e.g.:

- data acquisition
- automatic calculation of evaluation data and visualization of this data in Microsoft Excel.

Setup automatically includes installation of the B.Data Portal when you install a function server and/or an acquisition component. B.Data clients require access to the B.Data Portal to complete their tasks. The B.Data Portal should usually be installed once and at a central location.

Setup is multilingual. Currently supported languages are German and English.

2.2 System requirements

2.2.1 General requirements

- PC is switched on and the operating system has started.
- One of the following operating systems is installed:
  - Windows Server 2008 R2 Standard SP1 64-bit (German / English)
  - Windows Server 2012 R2 Standard 64-bit (German / English)
  - Windows 7 Professional / Ultimate SP1 32-bit / 64-bit (German / English)
  - Windows 8.1 Pro / Enterprise 64-bit (German / English)
- The multiuser interface is installed in English or in German.
- Microsoft Internet Information Service (IIS) is installed and configured.

  Note

  Installation of the Microsoft Internet Information Service (IIS) is only required when using B.Data Web.

- Microsoft .NET Framework 4.0 or higher is installed.

  Note

  Microsoft .NET Framework 3.5 **and** 4.5 must be installed for the Windows 8.1 and Windows Server 2012 operating systems.

  Adhere to the following sequence:

  1. Install Microsoft Internet Information Service (IIS).
  2. Install Microsoft .NET Framework.

  If you have installed .NET Framework before the IIS, repeat the installation of .NET Framework. You can find additional information in the following FAQs:

  - http://support.automation.siemens.com/WW/view/en/78464533 (http://support.automation.siemens.com/WW/view/en/78464533)
- For more information on this topic go to "http://www.microsoft.com/de-de/download/details.aspx?id=17718".

Note

B.Data V6.0 is supplied with an Oracle Datenbank Standard/Enterprise Edition Embedded.

Using Oracle Datenbank Standard/Enterprise Edition Embedded, you can save more than 250 million measured values in the database.

See also

Installing the B.Data trial version (Page 29)

Requirements for B.Data Web (Page 37)

http://support.automation.siemens.com/WW/view/en/78464533
(http://support.automation.siemens.com/WW/view/en/78464533)

2.2.2 Requirements for B.Data components

B.Data consists of the following components:

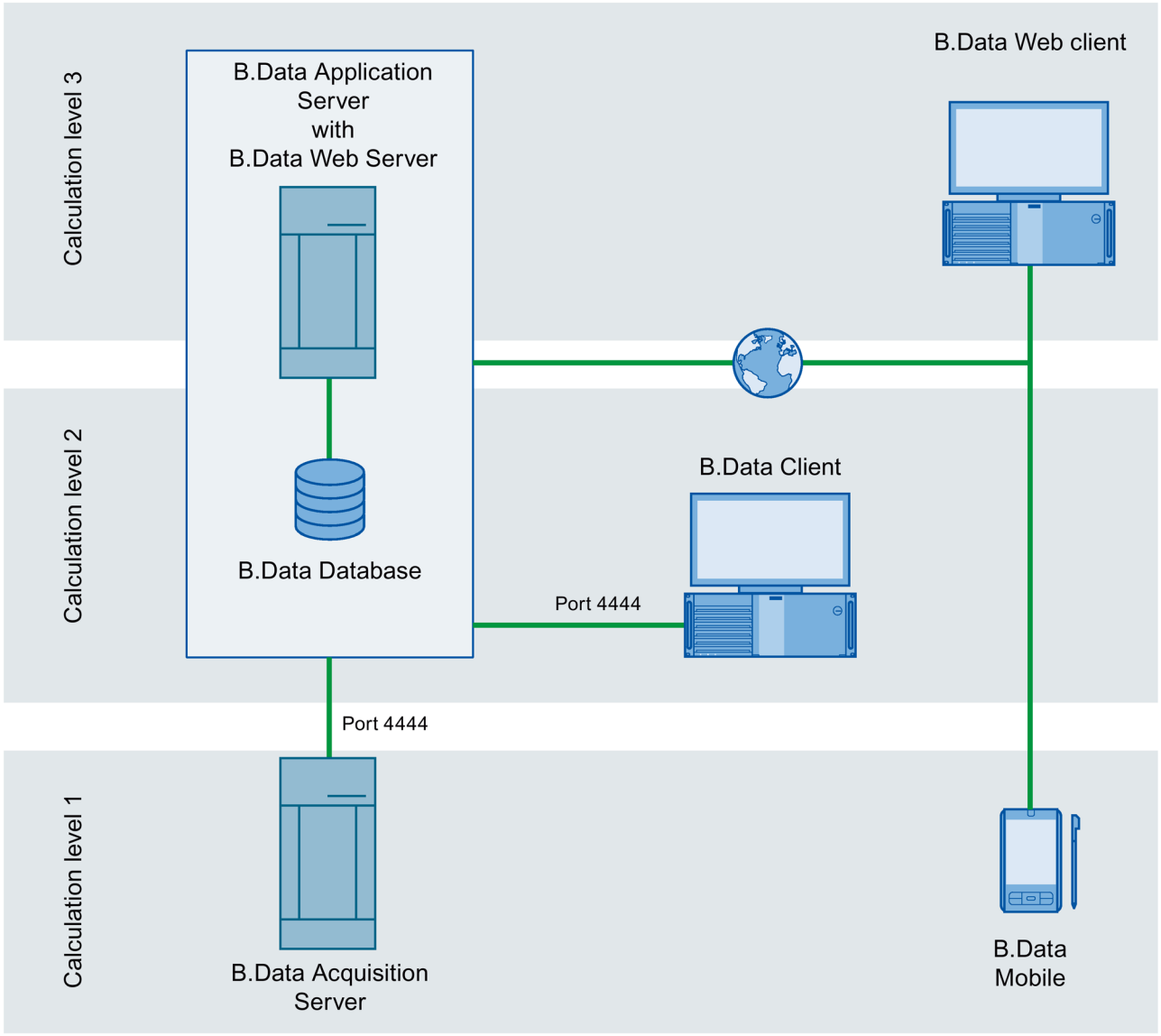


Figure 2-1 Representation of B.Data components on a multi-user system

The following requirements apply to the B.Data components:

Component	Type	Requirement	Comment
B.Data client	Port number	The port number "4444" is set as default. You can choose any available port number.	For communication with the B.Data application server.
	Software	• Microsoft Excel 2010 32-bit (German / English) • Microsoft Excel 2013 32-bit (German / English) • Microsoft Word 2013 32-bit (German / English) Only for use on the B.Data client	For opening B.Data reports. If you install Microsoft Excel or Microsoft Word, activate the option "VB component".
	Hardware	Processor type: Intel / AMD desktop processor, 2 GHz or higher	-
		Work memory RAM: 1 GB	-
		Hard drive: 80 GB	-
		CD-ROM/DVD-ROM drive	For software installation.
B.Data application server	Software[1]	The Siemens Automation License Manager is installed in the supplied version.	See the installation DVD: • <drive name> :\\Options\ALM\ALM64\almreadme.rtf • <drive name> :\\Options\ALM\ALM32\almreadme.rtf
	Hardware	Processor type: Intel / AMD desktop or server processor, 2 GHz or higher	-
		Work memory RAM: 2 GB	-
		Hard drive: Depends on the customer requirements	-
		CD-ROM/DVD-ROM drive	• For software installation. • For external archiving of backup data.
B.Data acquisition server	Port number	The port number "4444" is set as default. You can choose any available port number. A Web browser, such as that of the B.Data Web client, is also required to configure the connection.	For communication with the B.Data application server.
	PG/PC interface[2]	The B.Data kernel is assigned to the network interface that is used to acquire the data.	For data acquisition of S7 controllers

Component	Type	Requirement	Comment
B.Data Web client	Internet browser	• Internet Explorer 10 • Internet Explorer 11 • Firefox 33.0 or later • Safari with iOS 7	Safari: For using the B.Data Web client on an iPad.
	Software	• Microsoft Excel 2010 32-bit (German / English) • Microsoft Excel 2013 32-bit (German / English) Only for use on the B.Data client	For opening B.Data reports. If you install Microsoft Excel, activate the option "VB component".
B.Data Web Server	Software	• Windows Server 2008 R2 64-bit (English/German) • Windows Server 2012 R2 64-bit (English/German) • Windows 7 Professional / Ultimate SP1 32-bit / 64-bit (English / German) • Windows 8.1 Pro / Enterprise 64-bit (English / German)	When you set up B.Data Web, define the following additional settings for Microsoft IIS:
B.Data Mobile	Software	• Microsoft Windows Mobile V6.5.1	-

[1] Installing Microsoft Excel / Microsoft Word is not required for the reporting functionality. Otherwise the same requirements apply that are specified under "B.Data client".

[2] Only relevant, if data are to be acquired from an S7 controller.

See also

Requirements for B.Data Web (Page 37)

2.3 Installing B.Data

2.3.1 Basic information on installing B.Data

Installation media

Start installation from one of the included DVDs by means of the following files:

- Product DVD: Setup.exe

  Use the product DVD to install B.Data.

- Trial / Upgrade DVD: Setup.exe

  Use the Trial / Upgrade DVD to perform the following actions:

  – Update existing B.Data versions
  – Install a test version of B.Data
  – Installing individual B.Data components

If you want to update B.Data , use the update file "Setup.exe" available for download.

Install types

Select one of the following two install types when installing B.Data:

- Package-Setup

  Use the package setup to install the required packages and corresponding components.

- Custom installation

  You may install selected B.Data components of a package with a custom installation.

  Use the custom installation if you are going to install the B.Data components on different PCs. For example, you may install the "Portal Service" of the "B.Data application server" package on a separate PC in a network to outsource the computing resources of this PC.

  Note
  Using a custom installation

  Use the custom installation if you are accustomed to working with the B.Data architecture.

Note
Passwords for installation and updates of B.Data

Specify a password for the "admin" administrator user when installing a new V6.0 B.Data system. If you are updating an older version to B.Data V6.0, use the current password for the administrator user.

Note

A Windows user with the following rights is required to execute the B.Data services.

- Print files
- Restart of services

See also

Using the product DVD to install B.Data (Page 17)

Installing B.Data from a Trial / Upgrade DVD (Page 26)

B.Data components (Page 47)

2.3.2 Running the update

Requirement

You have downloaded the update file.

Procedure

1. Double-click the update file "BData_V600_Upd1.exe".

   The language selection dialog opens.

   You can select the following languages:

   – German
   – English
2. Select the language you require for the installation and click "OK".

   The installation wizard opens.
3. Read the information provided and then click "Next".

   The "License agreement" dialog opens.
4. Read and accept the license agreement, including the security notes, and then click "Next".

   The "Product hints" dialog opens.
5. Read the notes pertaining to installation and usage of B.Data and then click "Next".

   The B.Data components in which the update was performed are displayed.
6. Click "Install".

   The update is performed.

   A dialog prompts you to restart your PC.
7. Conclude the installation by activating one of the PC restart options and then click "Finish".

2.3.3 Using the product DVD to install B.Data

Note

Installation on a single-station system

The figures demonstrate installation of the B.Data components on a single-station system.

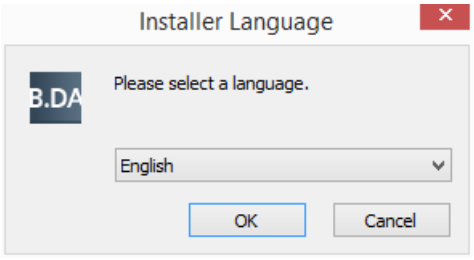
Requirement

- You have administrator rights in Microsoft Windows .
- The product DVD is inserted in the DVD drive.

Procedure

1. Double-click the "Setup.exe" file on the product DVD.

   The language selection dialog opens.

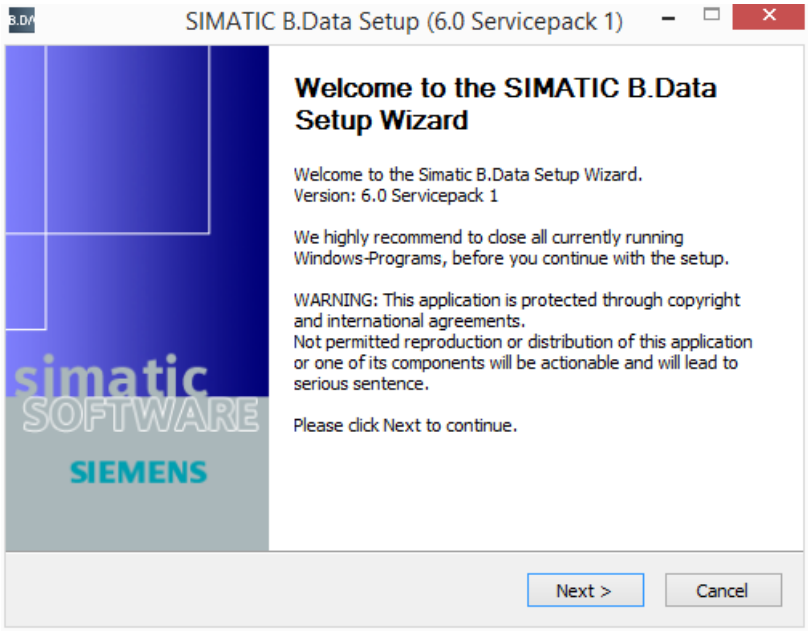


   You can select the following languages:

   – German
   – English

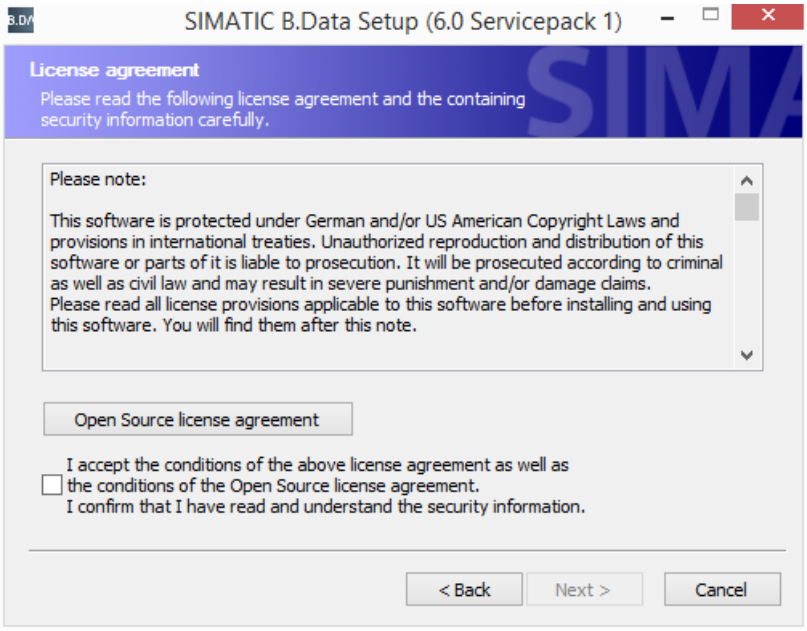
2. Select the language you require for the installation and click "OK".

   The installation wizard opens.



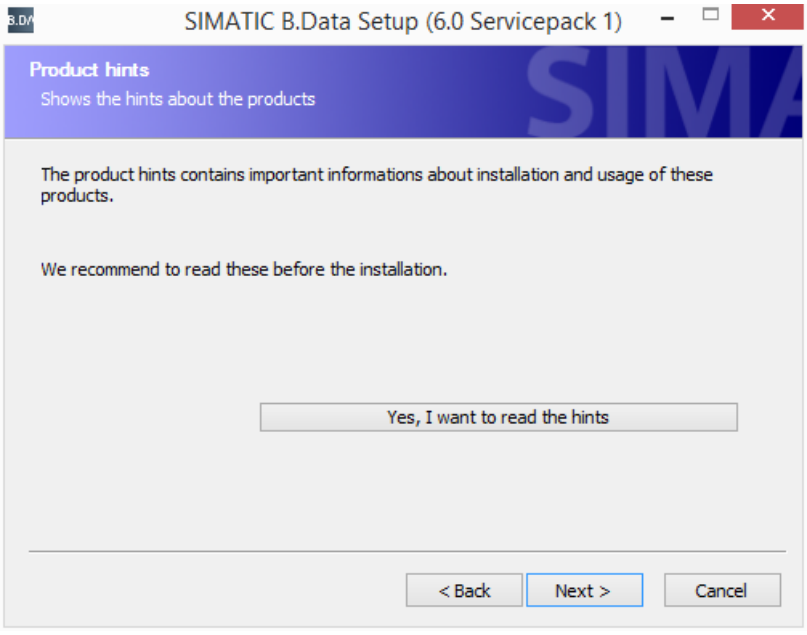
3. Read the information provided and then click "Next".

   The "License agreement" dialog opens.



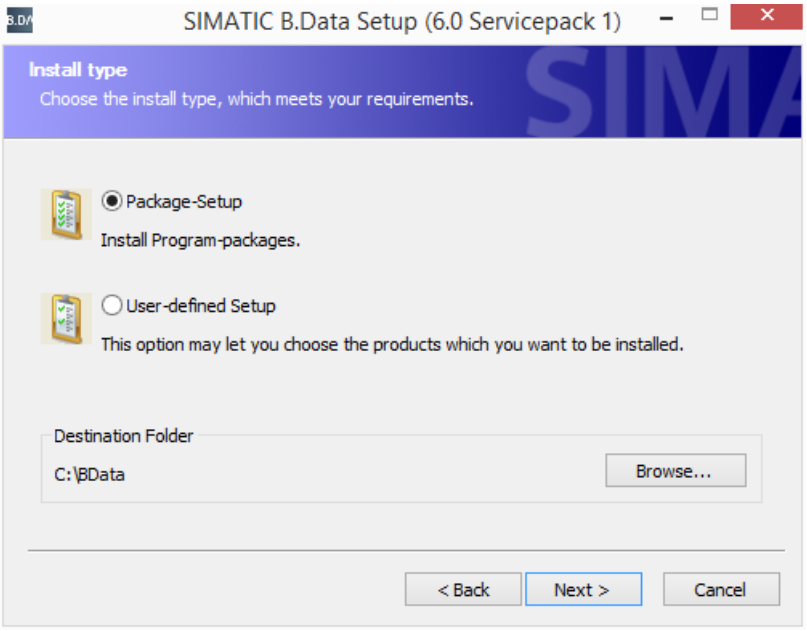
4. Read and accept the license agreement, including the security notes, and then click "Next".

   The "Product hints" dialog opens.



5. Read the version information about the use of B.Data and click "Next".

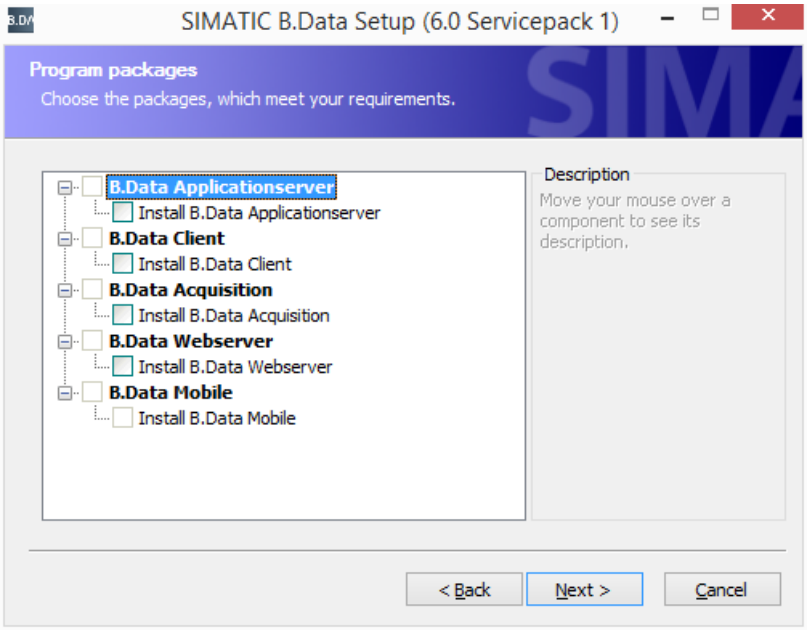
   The "Install type" dialog opens.



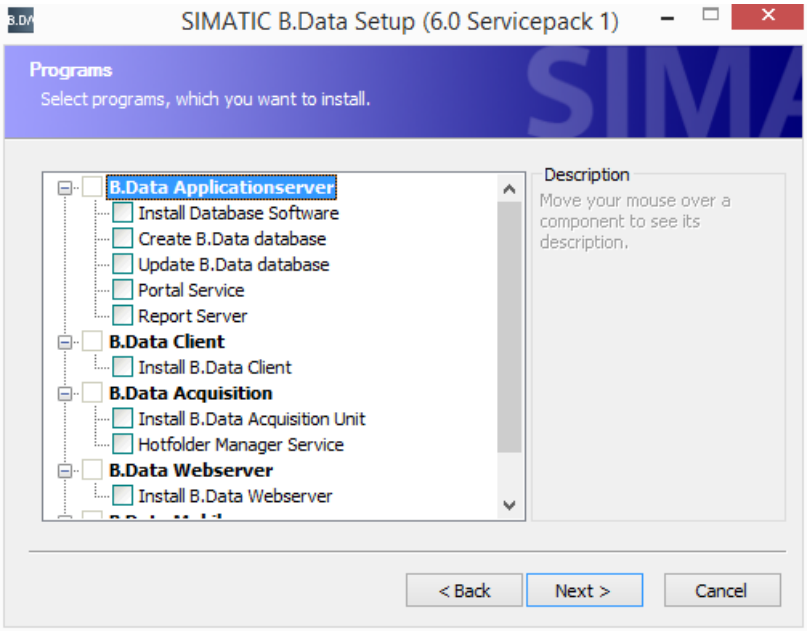
6. Select the destination folder.

7. Activate the required install type and then click "Next".

   The "Program packages" dialog opens if you have selected the "Package-Setup" type.

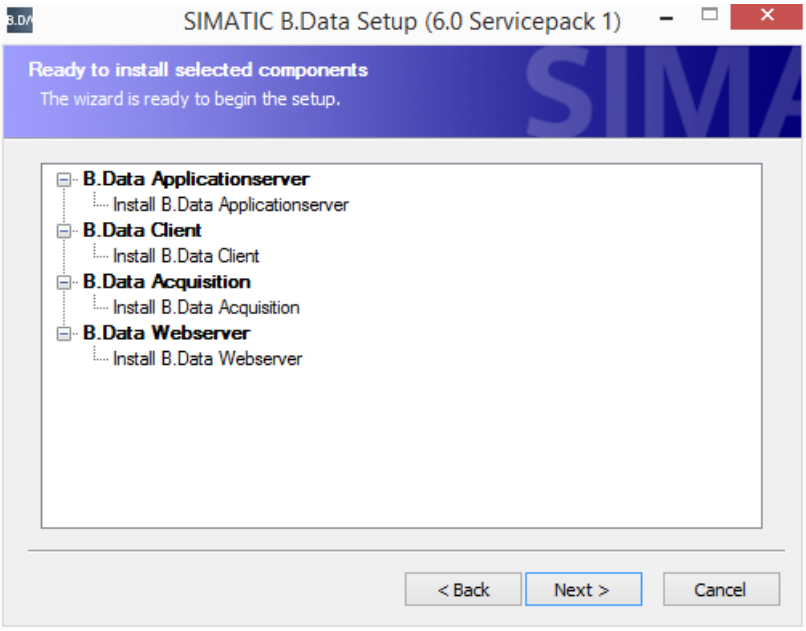


   The "Programs" dialog opens if you have selected the "User-defined Setup" type.



8. Activate the components to be installed and then click "Next".

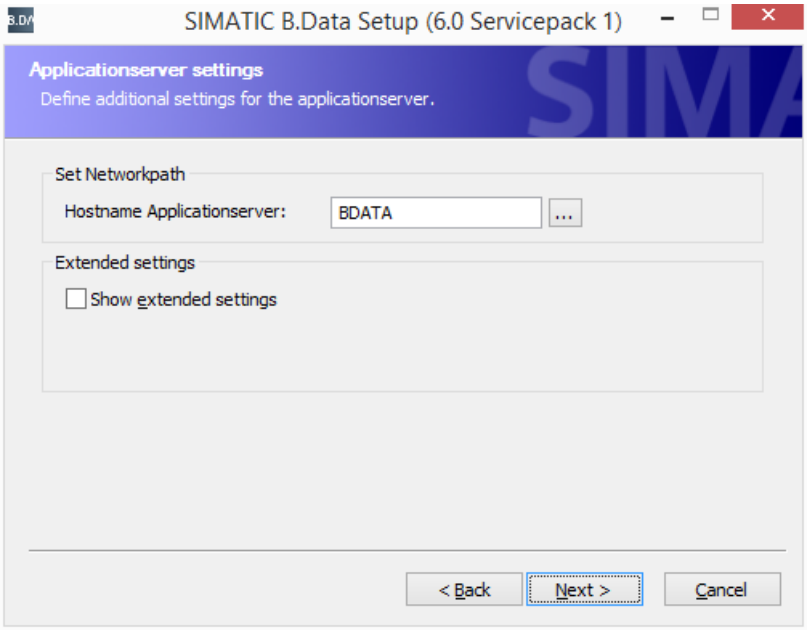
   The selected components are displayed.



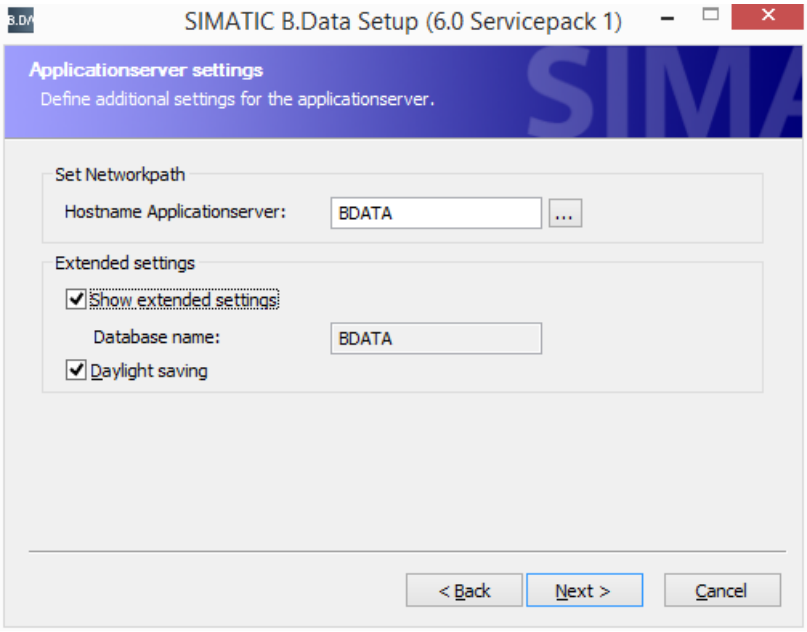
9. Click "Next".

10. You must define the following additional settings if you have selected the B.Data application server:

   – Specify the network path for the B.Data application server.



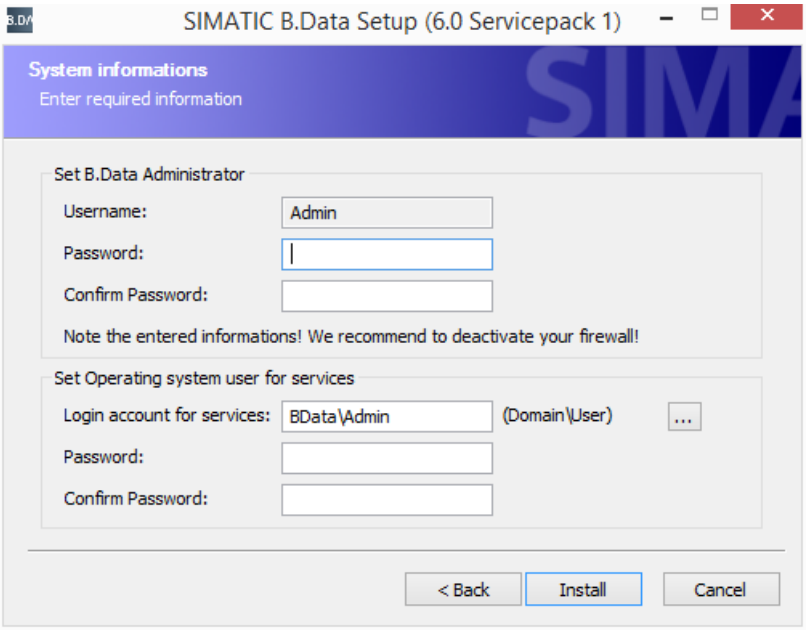
   – Activate "Show advanced settings" and make the desired settings to enter the name of the B.Data database and/or to activate automatic changeover between daylight saving and standard time.



   The "Daylight saving/standard time changeover" option is activated by default.

11. Click "Next".

    The "System information" dialog opens.



12. Specify a password for the B.Data administrator if you have selected the B.Data application server, the B.Data acquisition server, or the B.Data database.

Note

User name for the B.Data administrator

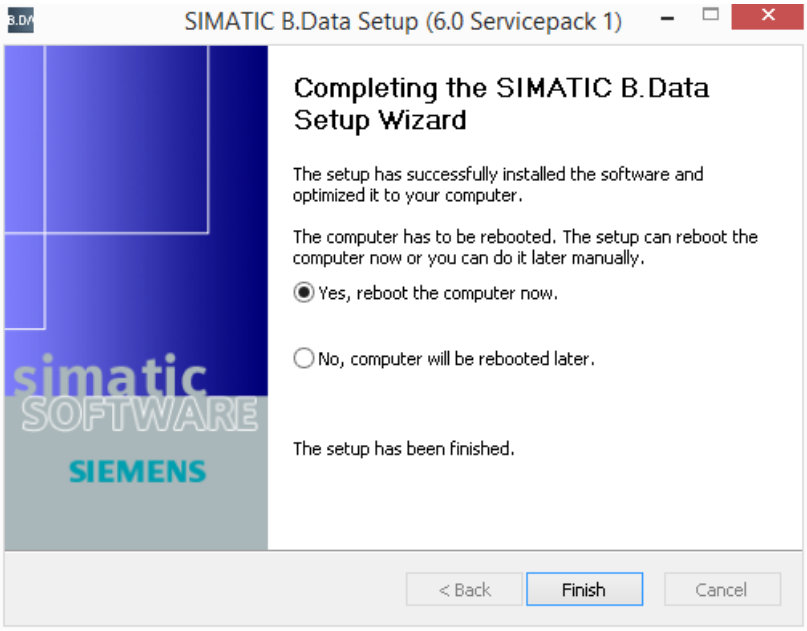
The name "admin" is entered automatically in the "User name" field. You cannot change this name.

Use the following characters for the password:

- "A" to "Z"
- "a" to "z"
- "0" to "9"
- "_"

13. Enter the Windows login data for the additional services and then click "Install".

    B.Data is installed. A dialog prompts you to restart your PC.



14. Conclude the installation by activating one of the PC restart options and then click "Finish".

Result

B.Data is installed.

See also

Basic information on installing B.Data (Page 14)

B.Data components (Page 47)

2.3.4 Installing B.Data from a Trial / Upgrade DVD

2.3.4.1 Starting the installation from a Trial / Upgrade DVD

Note

Installation or update on a single-station system

The procedure describes the installation or update of the B.Data components on a single-station system.

Requirement

- You have administrator rights in Microsoft Windows.
- The Trial / Upgrade DVD is inserted in the DVD drive.

Procedure

1. Double-click "Setup.exe" on the Trial / Upgrade DVD.

   The language selection dialog opens.
2. Select the language you require for the installation and click "OK".

   The installation wizard opens.
3. Read the information provided and then click "Next".

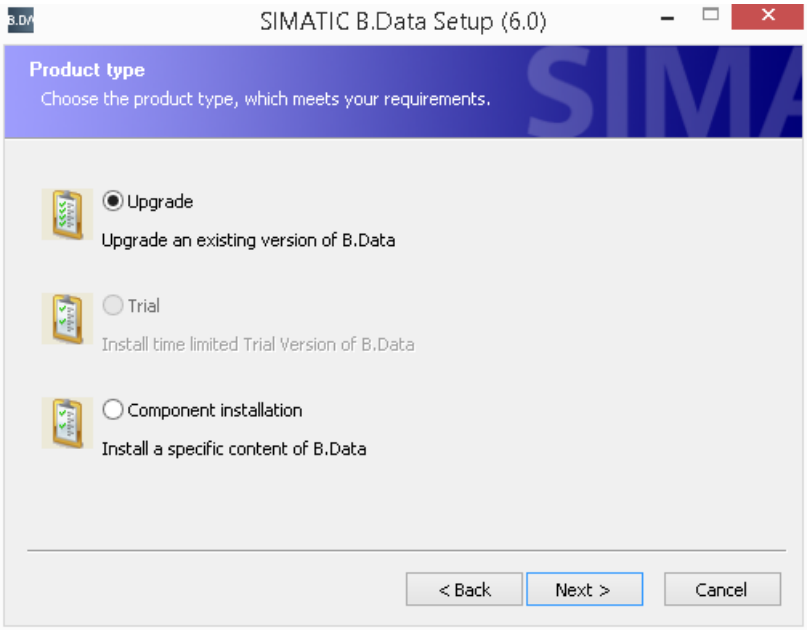
   The "License agreement" dialog opens.

4. Read and accept the license agreement, including the security notes, and then click "Next".

   The "Product hints" dialog opens.

5. Read the version information about the use of B.Data and click "Next".

   The "Product type" dialog opens.



Result

Installation is started from the Trial / Upgrade DVD. Activate the required product type.

See also

Basic information on installing B.Data (Page 14)

Updating B.Data (Page 28)

Installing the B.Data trial version (Page 29)

Using the product DVD to install B.Data (Page 17)

Installing individual B.Data components (Page 31)

2.3.4.2 Updating B.Data

Requirement

Installation is started from the Trial / Upgrade DVD.

Procedure

1. Activate the "Update" product type.

   The system is now scanned to detect installed components.
2. Click "Next".

   The B.Data components to be updated are displayed.
3. Click "Next".

   The "System information" dialog opens.
4. If the login data is not read from the registry when the B.Data database is updated, enter the login data for the B.Data administrator, as well as the Windows login data for additional services and then click "Next".

   The B.Data components will be updated.
5. Conclude the installation by activating one of the PC restart options and then click "Finish".

Result

The B.Data components are updated.

See also

Starting the installation from a Trial / Upgrade DVD (Page 26)

2.3.4.3 Installing the B.Data trial version

Requirement

Installation is started from the Trial / Upgrade DVD.

Procedure

1. Activate the "Trial" product type.

   The "Install type" dialog opens.

   The "Package-Setup" type is activated automatically.
2. Select the destination folder and then click "Next".

   The B.Data components to be installed are displayed.
3. Click "Next".
4. Specify the additional settings for the B.Data application server:
   - Specify the network path for the B.Data application server.
   - Activate "Show advanced settings" and make the desired settings to enter the name of the B.Data database and/or to activate automatic changeover between daylight saving and standard time.

     The "Daylight saving/standard time changeover" option is activated by default.
5. Click "Next".

   The "System information" dialog opens.
6. Specify a password for the B.Data administrator if you have selected the B.Data application server, the B.Data acquisition server, or the B.Data database.

   Note

   User name for the B.Data administrator

   The name "admin" is entered automatically in the "User name" field. You cannot change this name.

   Use the following characters for the password:
   - "A" to "Z"
   - "a" to "z"
   - "0" to "9"
   - "_"
7. Enter the Windows login data for the additional services and then click "Install".

   The B.Data trial version will be installed.
8. Conclude the installation by activating one of the PC restart options and then click "Finish".

Result

The B.Data trial version is installed.

See also

Starting the installation from a Trial / Upgrade DVD (Page 26)

2.3.4.4 Installing individual B.Data components

Requirement

- Installation is started from the Trial / Upgrade DVD.

Procedure

1. Select the "Component installation" product type, then click "Next".

   The "Install type" dialog opens.

   The "Package-Setup" type is activated automatically.
2. Select the destination folder and then click "Next".

   The "Program packages" dialog box opens.
3. Select the required B.Data components and click "Next".

   The B.Data components to be installed are displayed.
4. Click "Next".

   The "Application server settings" dialog opens.
5. Specify the additional settings for the B.Data application server:
   - Specify the network path for the B.Data application server.
   - Activate "Show extended settings" and make the required settings to enter the name of the B.Data database and/or to activate automatic changeover between daylight saving time and standard time.
     The "Daylight saving/standard time changeover" option is activated by default.
6. Click "Next".

   The "System information" dialog opens.
7. If you have selected the B.Data acquisition server, specify a password for the administrator of B.Data.

   Use the following characters for the password:
   - "A" to "Z"
   - "a" to "z"
   - "0" to "9"
   - "_"
8. Enter the Windows login data for the additional services and then click "Install".

   The selected B.Data components are installed.
9. Conclude the installation by activating one of the PC restart options and then click "Finish".

Result

The selected B.Data components are installed.

2.4 Uninstalling B.Data

Introduction

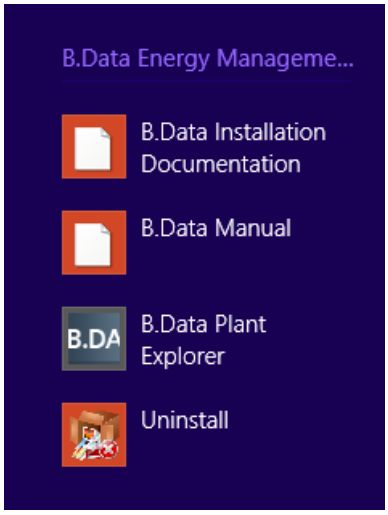
All B.Data components will be removed from your Windows operating system by the uninstall routine. You can also uninstall the B.Data database.

NOTICE
Uninstallation of B.Data database
When you uninstall the B.Data database all the data it includes is irretrievably lost.

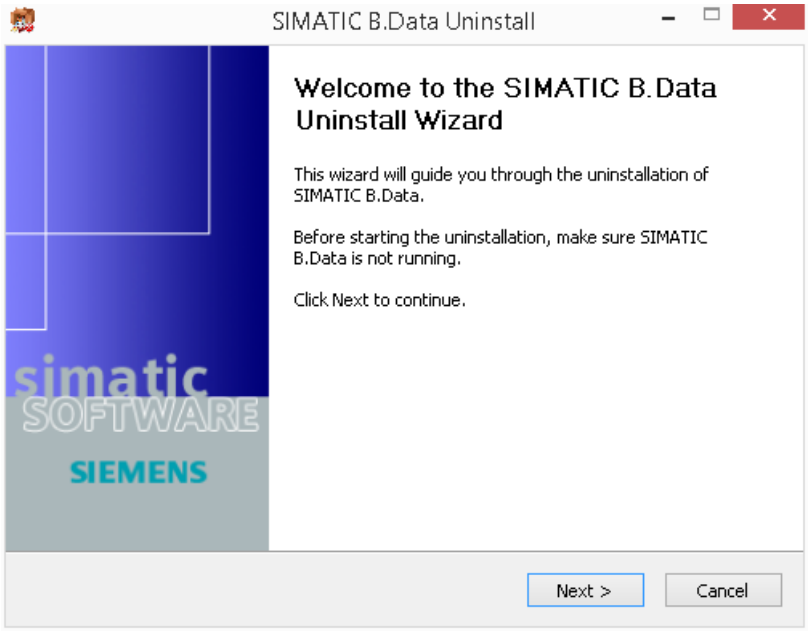
The uninstallation is conducted in the language that you selected for installation.

Procedure

1. Select "Uninstall" from the Windows menu.

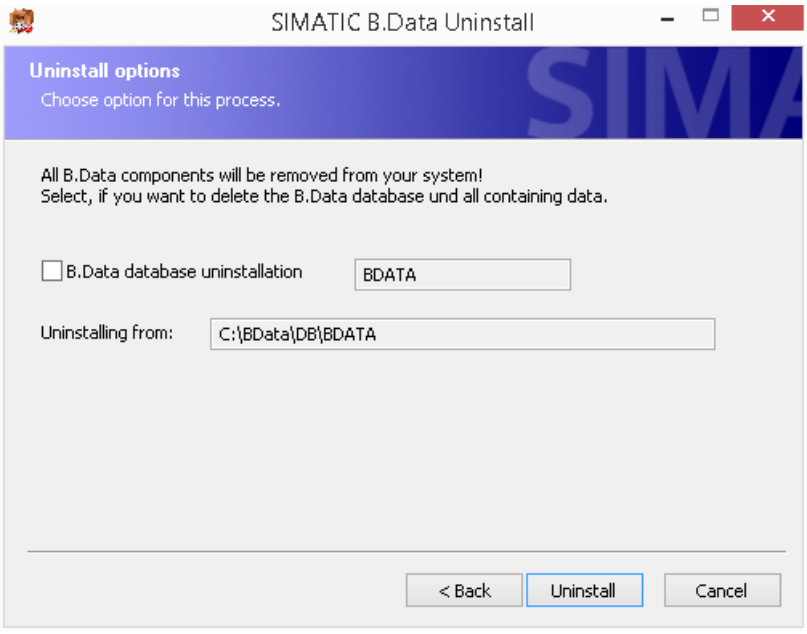


The uninstall wizard opens.



2. Read the information provided and then click "Next".

   The "Uninstall options" dialog opens.



3. Activate "Uninstall B.Data database" to remove the B.Data database along with the B.Data software.
4. Click "Uninstall".

   The software will now be removed.
5. Conclude the installation by activating one of the PC restart options and then click "Finish".

Result

The B.Data software is completely and irrevocably removed from the computer.

Alternative procedure

As an alternative, you can use the Windows Control Panel to remove B.Data.

Setting up B.Data Web

3

3.1 Requirements for B.Data Web

B.Data Web is a browser-supported user system of the B.Data energy data management system.

Using B.Data Web, you can make selected contents of the B.Data Plant Explorer available via Internet/Intranet to a predefined group of users, e.g. the energy resources manager of specific production areas, or an operator for entering measurement data.

Note

If you use Internet Explorer V11, deselect the "Display intranet sites in Compatibility View" option under "Tools > Compatibility view settings".

In order to be able to install B.Data Web, the following requirements apply:

- One of the operating systems approved for B.Data must be installed.
- The Internet Information Services (IIS) must be installed and started.
- The B.Data application server is installed on a PC in the network.
- The Siemens Automation License Manager is installed in the supplied version on the B.Data application server.
- One of the Internet browsers approved for B.Data must be installed.

See also

Installing B.Data (Page 14)

Uninstalling B.Data (Page 33)

System requirements (Page 10)

General requirements (Page 10)

3.2 Setting up B.Data Web for Windows 7.0 and 8.1

Requirement for Windows 8.1

- ".NET Framework 3.5" is enabled in Windows.
- ".NET Framework 4.5 Advanced Services" with "ASP.NET 4.5" is enabled in Windows.

IIS settings for Windows 7 and Windows 8.1

Note

The following steps show the IIS settings using Windows 7 as an example.

When setting up B.Data Web in Windows 7 / 8.1, you need to make additional settings for IIS V7.0 or IIS V.7.5 under "Internet information services":

1. Select the following options under "Web Management Tools":
   - IIS management service
   - IIS Management Console
   - IIS Management Scripts and Tools
2. Activate the "IIS 6 Scripting Tools" option under "Web Management Tools > IIS 6 Management Compatibility".

   The following options are activated automatically:
   - Compatibility with IIS Metabasis and IIS 6 configuration
   - Compatibility with WMI for IIS 6
3. Activate the "ASP.NET" option under "WWW Services > Application Development Features".

   Note

   Select the following settings under Windows 8.1:
   - ASP .NET 3.5
   - ASP .NET 4.5

   The following options are activated automatically:
   - .NET Extensibility
   - ISAPI extensions
   - ISAPI filters
4. Activate the "Static content" option under "WWW Services > Common HTTP features".

Installing B.Data Web

If you want to install B.Data Web, activate the "B.Data Web server" option when installing B.Data.

Uninstalling B.Data Web

If you uninstall B.Data, B.Data Web and other B.Data components will be completely removed from your Windows operating system.

3.3 Setting up B.Data Web on the Windows server

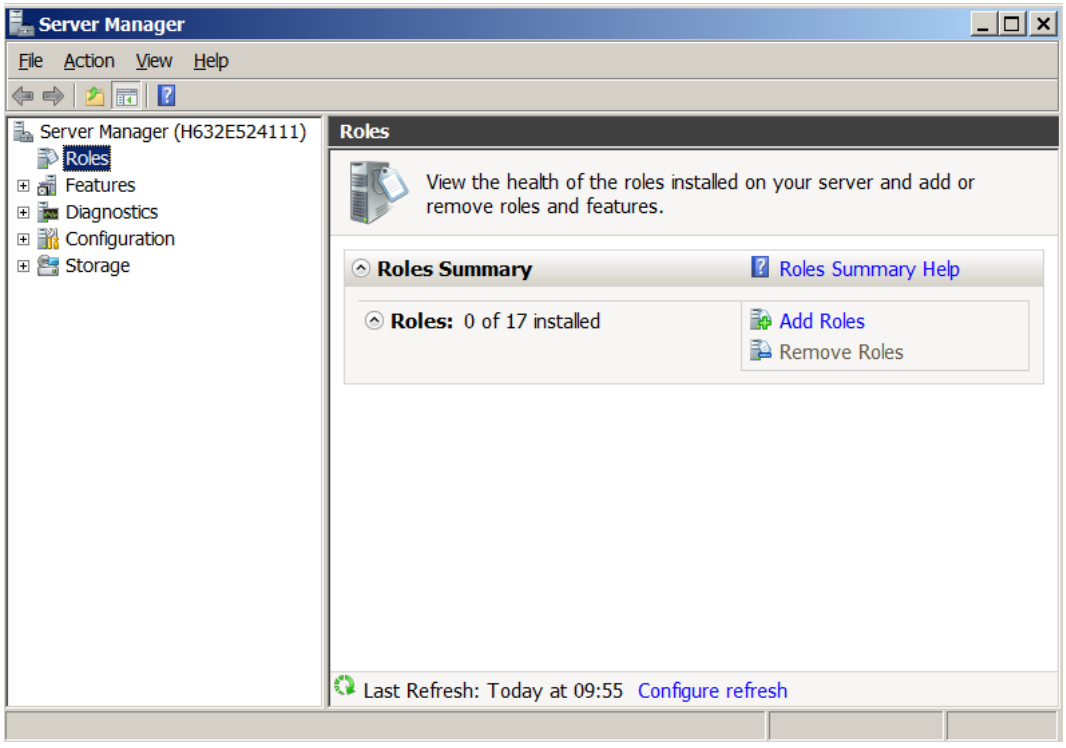
IIS settings for Windows Server 2008 R2 and Windows Server 2012

Note

The following steps show the IIS settings using Windows Server 2008 R2 as an example.

When setting up B.Data Web in Windows Server 2008 R2 and Windows Server 2012, you need to make additional settings for IIS under "Server Manager":

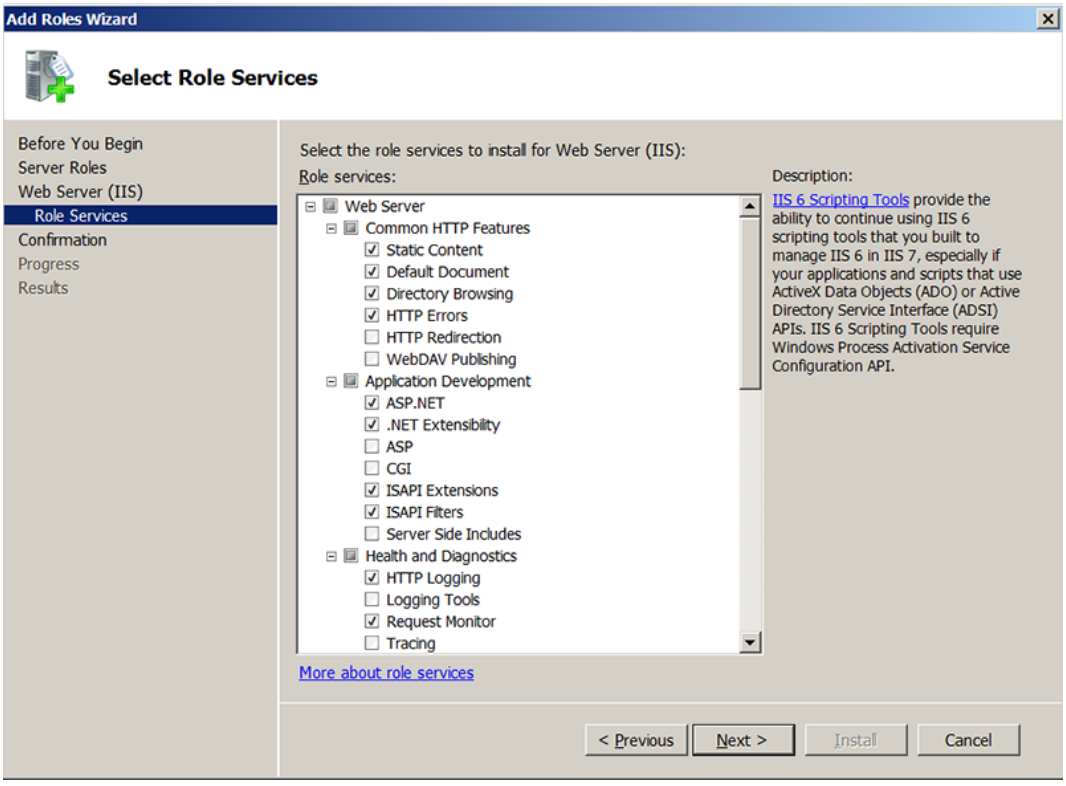
1. Right-click on "Roles" in the navigation area and select "Add roles".



2. Click on "Server roles" and activate the "Web server (IIS)" option.

   The entry "Web Server (IIS)" is added in the navigation area.

3. Click on "Role services".



4. Activate the option "ASP.NET" under "Application development" and then click on "Add required role services".

   The following options are activated automatically:

   – .NET Extensibility
   – ISAPI extensions
   – ISAP filters

5. Select the following options under "Management programs":

   – IIS Management Console
   – IIS Management Scripts and Tools
   – Management service

6. Select the following options under "IIS 6 Management compatibility":
   - IIS 6 Metabasis compatibility
   - IIS 6 WMI compatibility
   - IIS 6 Scripting tools

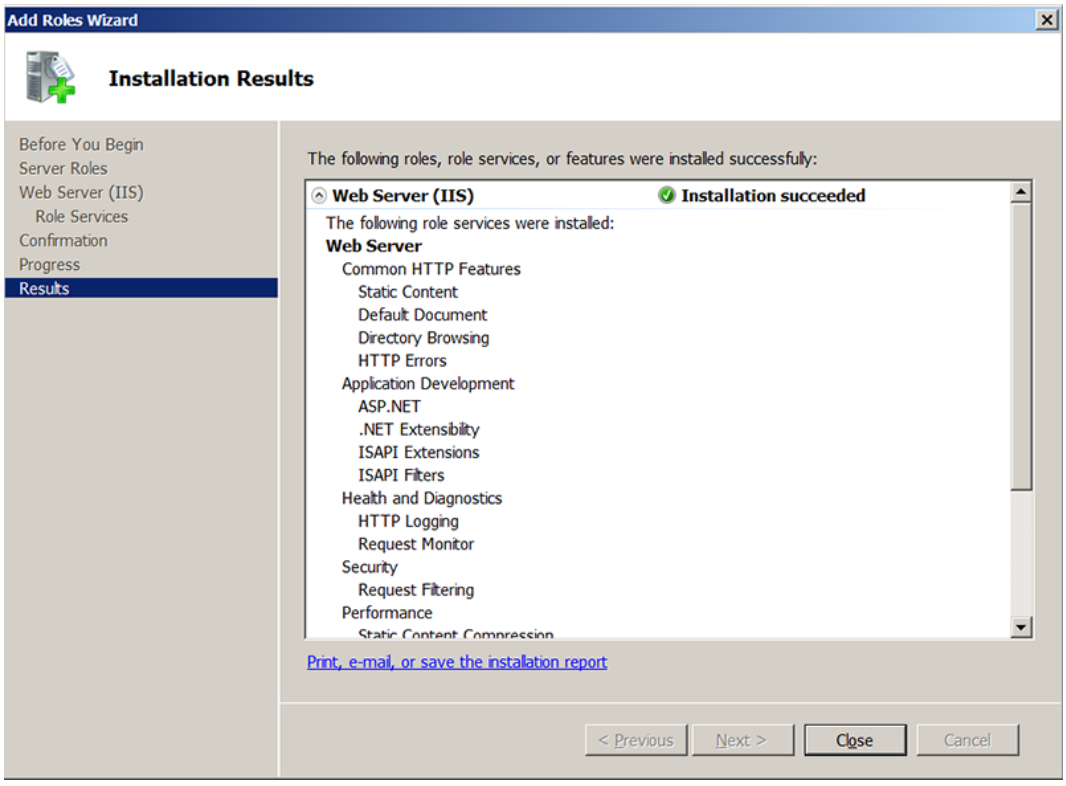
Note

Select the following settings under Windows Server 2012:

- .NET Framework 3.5 Features
  - .NET Framework 3.5
- .NET Framework 4.5 Features
  - .NET Framework 4.5
  - ASP .NET 4.5

7. Click "Next" and then "Install".

   The selected components are installed.



Installing B.Data Web

If you want to install B.Data Web, activate the "B.Data Web server" option when installing B.Data.

Uninstalling B.Data Web

If you uninstall B.Data, B.Data Web and other B.Data components will be completely removed from your Windows operating system.

Installing B.Data Mobile and configuring it on the mobile device

4

Requirement

- The mobile device is connected to the PC and powered on.
- B.Data is installed on the PC.
- The product DVD is inserted in the DVD drive.
- Microsoft ActiveSync or Microsoft Mobile Device Center (as of Windows 7) is installed on the PC.

Installing B.Data Mobile

1. Run setup from the product DVD.
2. Activate the "Install B.Data Mobile" option in the "Program packages" or "Programs" dialog.
3. Follow the instructions on the PC and mobile device.

   B.Data Mobile is installed on the PC and on the mobile device.

Configuring B.Data Mobile on the mobile device

1. Start the "B.Data Mobile" application from the "Programs" directory on the mobile device.
2. Select the "Configuration" command.

   The dialog for configuring B.Data Mobile opens.

3. Under "Server", enter the name or the IP address of the application server that is to exchange data with the mobile device.
4. To take the limits of the data points used in manual data acquisition into account, activate "Plausib. check".
5. Activate "Default Time" and enter a time stamp to be used for manual data acquisition.

   This specified time stamp is applied to all values derived from manual data acquisition.

   You may always change this specified time stamp during manual data acquisition.
6. Deactivate the "Default Time" option to use the current time stamp for manual data acquisition.
7. Select a language to be used for running the "B.Data Mobile" application on the mobile device.

   You can select the following languages:

   – German
   – English
8. Click "OK".

Result

B.Data Mobile is installed on the PC and on the mobile device. B.Data Mobile is configured on the mobile device.

Get ready to use the B.Data Mobile application by configuring it on the PC. For more information, refer to the "B.Data V6.0 - Operation" manual, keyword "Using B.Data Mobile".

See also

Installing B.Data (Page 9)

Appendix

A

A.1 B.Data components

Core statement

The following table lists all packages and corresponding B.Data components that you can install:

Package	Component	Description	New installation	Update
B.Data application server	Install database software	Installs the default database software.	Yes [1, 2]	No
	Create B.Data database	Creates a database instance.	Yes [1, 2]	No
	Update B.Data database	Updates the database instance.	Yes [1, 2]	Yes [2]
	Portal Service	Installs the function server. The function server acts as an interface between the user and the B.Data database. Install the function server if you wish to log on to B.Data client or B.Data Web.	Yes [2, 3]	Yes [2, 3]
	Excel Report Server	Installs the operating system service that visualizes B.Data reports in Microsoft Excel.	Yes [4]	Yes [4]
B.Data client	Install B.Data client	Installs the B.Data Client. Use the B.Data Client on your PC to access the data of B.Data.	Yes [5]	Yes [5]
B.Data acquisition	Install B.Data acquisition unit	Installs the acquisition server and the following operating system services: • Kernel Service: Writes external data to the B.Data database. Kernel Service is required for the WinCC driver. • Portal Service: Acts as an interface between the user and the B.Data database. • Autonurse Service: Writes the data that was acquired and saved to the HDD to the B.Data database. The acquisition server saves the acquired data to the HDD if it has no connection to the B.Data database.	Yes [2, 3]	Yes [2, 3]

Package	Component	Description	New installation	Update
	Hotfolder Manager Service	Installs the operating system service that monitors the FTP directory and imports its contents to the B.Data database by means of FTP. Several import formats are supported, e.g. CSV or XML.	Yes [4]	Yes [4]
B.Data Web server	Installing B.Data Web server	Installs B.Data Web via Microsoft Internet Information Services (IIS).	Yes [1, 2, 6]	Yes [1, 2, 6]
B.Data Mobile	Installing B.Data Mobile	Installs the "B.Data Mobile" application in B.Data and on the mobile device. Use B.Data Mobile on the mobile device for manual acquisition of operating or counter values.	Optional	Optional

1 Multi-station system: You cannot install the database on more than one PC in the network.

2 On single-user system only.

3 You may install the function server and acquisition server on different PCs. In this case, run Setup separately on each PC and activate the selected server components.

4 Installed automatically along with the respective program package.

5 Installed automatically along with the function server and/or acquisition server.

6 You must set up the Microsoft Internet Information Services (IIS) separately.

See also

Updating B.Data (Page 28)

Using the product DVD to install B.Data (Page 17)

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