

Produmex Manufacturing - Complete Installation Guide

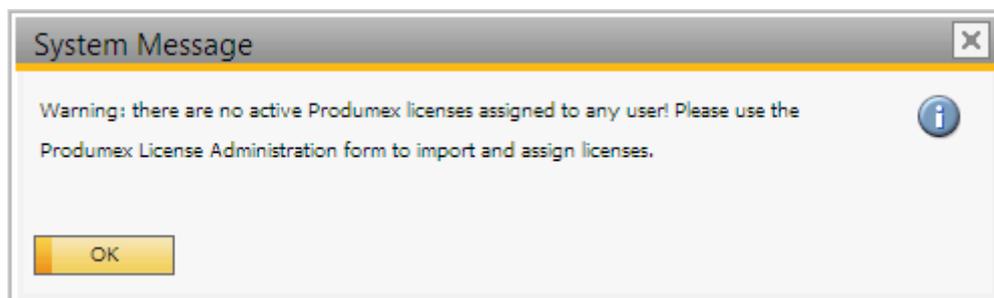
Licensing System

1. Request a Produmex license

For more information about requiring a license please see: [Requesting a Produmex License key](#)

2. Importing Licenses

After you have received your Produmex license in an email as a .zip attachment, save it in a directory and extract it. Then start SAP Business One and the add-on. If the add-on requires a license, during the start up, you will receive a message that no licenses are assigned:



To import and assign licenses you have to open the Produmex License Administration form:

- Tools > Produmex %add-on% > Produmex License Administration
- Administration module > Add-Ons > Produmex %add-on% > Produmex License Administration

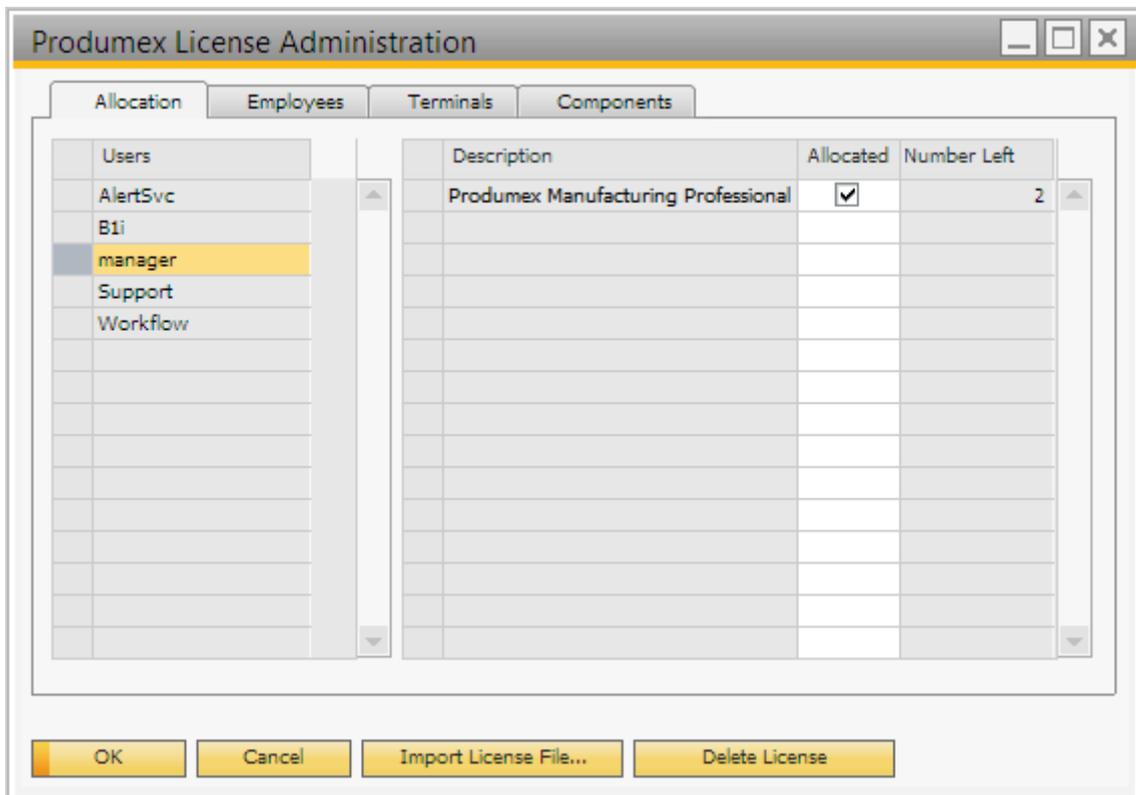
where %add-on% is the name of your add-on. This form looks and works similarly to the SAP License Administration form.

In case of no add-ons bought, this option is replaced by the Produmex Control Panel standalone add-on, which looks and works the exact same way as License Administration. Install the Control Panel, run it from the Add-on Manager, then open the form via Tools > Produmex Control Panel > Licensing.

3. Allocating Licenses

3.1. Produmex Add-On

To allocate the license for a user, select the user on the left grid on the 'Allocations' tab and assign the license to them by ticking the 'Allocated' checkbox on the right grid.



Click on the 'Update' button and restart the add-on.

Please note: You can import any license to any Produmex add-on in the Produmex License Administration form (for example you can import and assign your Produmex Scan license in the license administration form of Produmex Manufacturing), but the license is only valid in one company database, so if you have a productive and a demo system, you have to import the Produmex licenses in both of them.

3.2. Terminal

Terminals have concurrent licensing meaning that licenses do not have to be assigned to a certain terminal, but instead the system will allow as many concurrent connections as the total number of terminals in the license.

Each time logging in on the terminal, the system will check whether there is a free license slot that can be allocated for the terminal.

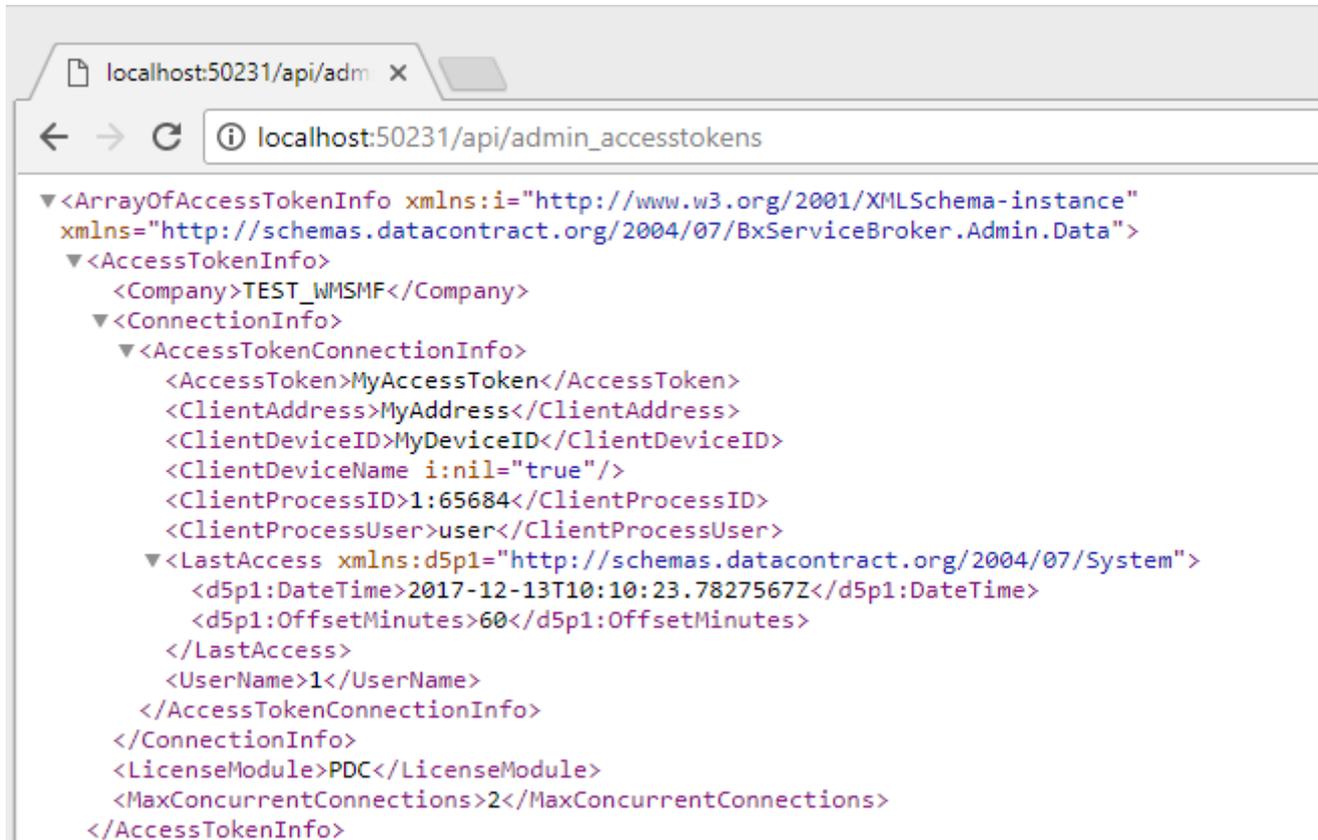
- If there is a free license, the system will allocate it to the terminal.
- If there is no free license, an error message will be displayed.

After the logout, the system will deallocate the license from the terminal.

The current status of the license usage can be seen on a webpage of the Service Broker:

```
http://<IP>:<PORT>/api/admin_accesstokens
```

where the IP is the IP address and the PORT is the port number.



When Produex Service Broker has multiple assigned databases, each database can have as many connections as in the license. For example, if you have a license for 3 terminals, and the Service Broker has 4 assigned databases, each database can have 3 connections and the total number of the potential concurrent connections is 12.

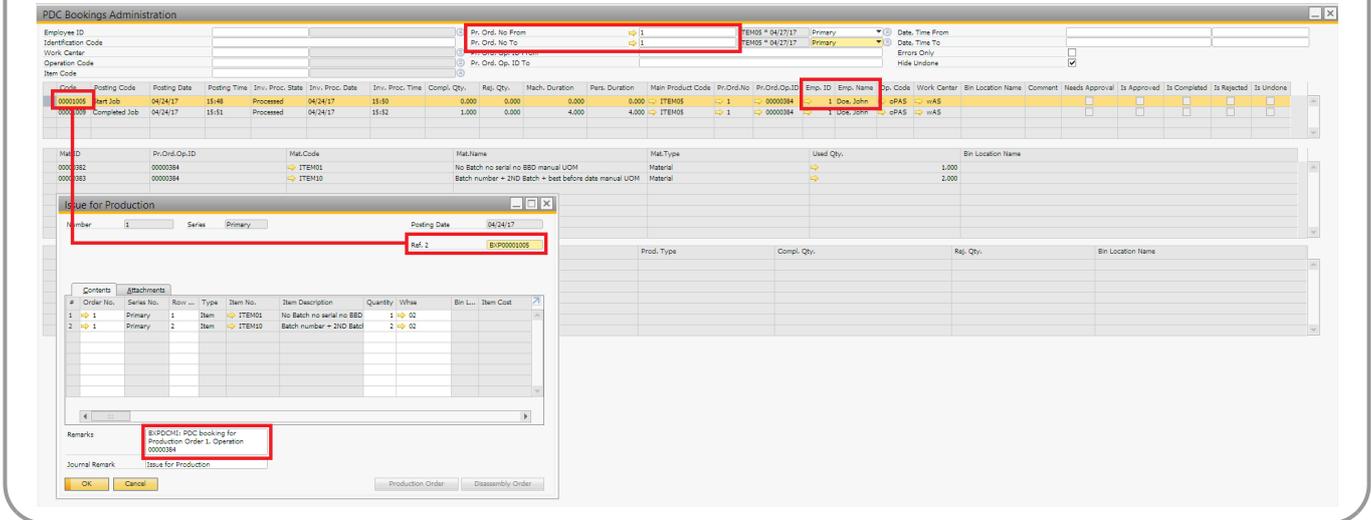
4. Required and optional licenses for a Produex Manufacturing installation

4.1. Produex Service Broker

Only one SAP Indirect Access User license is required per installation. Produex Service Broker will use this user to create documents in SAP Business One. Since the Produex Service Broker is assigned to one SBO user, all SBO documents created with Produex PDC devices are created by the same user.

It is possible to check the employee who created the document with Produex PDC. Check the production order number in the remarks field. Open the PDC Bookings Administration form and filter the list based on the production order. The *Code* of the PDC booking is the *Ref 2*.

number on the document without the BXP prefix.



4.2. Add-on licenses

An add-on type license is required in order to run the Produmex Manufacturing add-on in SAP Business One. The number of required licenses depends on the number of the users. Produmex offers two add-on license types for running the Produmex Manufacturing add-on that differ in the range of the available functions:

- **Produmex Manufacturing Professional:** Users with the Produmex Manufacturing Professional license have access to every Produmex Manufacturing function.
- **Produmex Manufacturing Limited:** Users with the Produmex Manufacturing Limited license have access to limited functionality.

For more information about the available functionalities please see: [License Comparison Chart](#)

In order to work with the Produmex Manufacturing add-on properly, an SBO Limited Logistic license is also needed for the user as of SAP Business One 9.3 PL02. However, to use the MRP function, an SBO Professional license is required.

4.3. Terminal licenses

Additional terminal licenses are needed in order to use the functions that are available on the terminals. Terminals have concurrent licensing meaning that the number of required licenses depends on the number of devices that are used concurrently. Produmex offers the following terminal licenses to extend the Produmex Manufacturing add-on function:

- **Produmex PDC:** Terminal type license that is needed to use the [Production Data Collection](#) function.
- **Produmex QC:** Terminal type license that is needed to use the [Produmex QC](#) function.
- **Produmex PTM:** Terminal type license that is needed to use the [Personal Time Management](#)

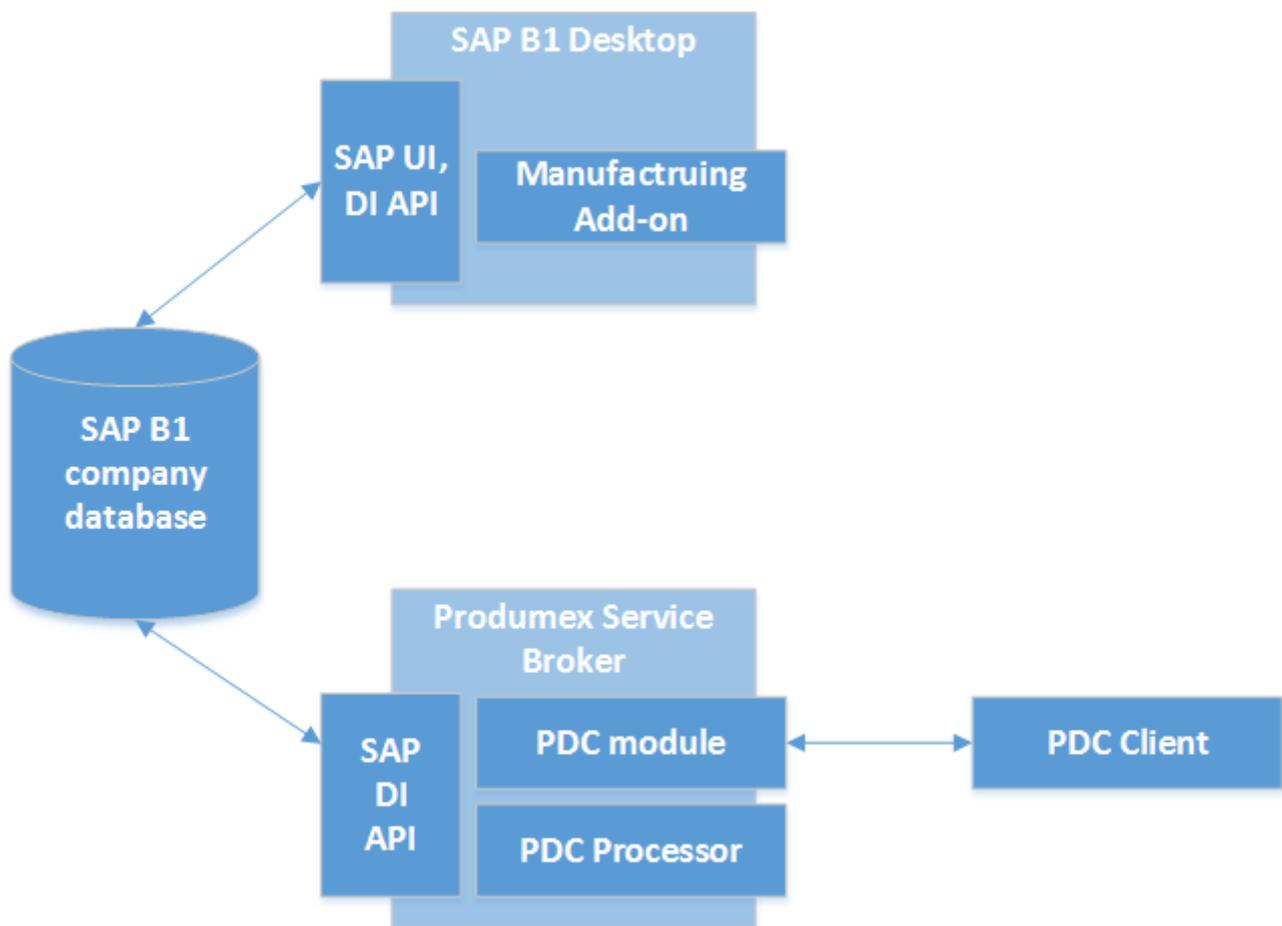
function.

Please note: A Produmex Manufacturing Professional license is needed in order to set up master data, create BoMs, production orders etc. properly for the terminal functions.

Produmex Manufacturing Installation Guide

This document describes how to install Produmex Manufacturing, and how to troubleshoot installation problems. Produmex Manufacturing consists of the following components:

- Produmex Manufacturing add-on
- Produmex Service Broker
- Produmex Service Manager
- PDC Processor
- Produmex PDC Client



1. Prerequisites

The following database management systems are supported:

- MSSQL Server 2012, 2014, 2016
- SAP HANA SPS11 or higher

Requirements for the machine where the Produmex Service Broker runs:

- Windows 2008 R2/Windows 7 or higher
- Administrator rights
- Installation of .NET 4.0 framework or higher*
- Installation of SAP DI API
- HANA Client (On HANA environment only)
- Installation of SAP Business One. Make sure that Crystal Reports engine is installed as part of the SBO installation.

Requirements for the machine where the Produmex add-on runs:

- Windows 2008 R2/Windows 7 or higher
- Administrator rights
- Installation of .NET 4.0 framework or higher*
- HANA Client (On HANA environment only)
- Installation of SAP Business One. Make sure that Crystal Reports engine is installed as part of the SBO installation.
- A valid Produmex license
- Adobe Flash Player

**For the integrated use of Produmex Manufacturing and Produmex WMS, .NET 4.6.2. framework is required.*

2. Installing Produmex Manufacturing Add-on

2.1. Extracting the archives

Extract the content of the .zip file on your local machine.

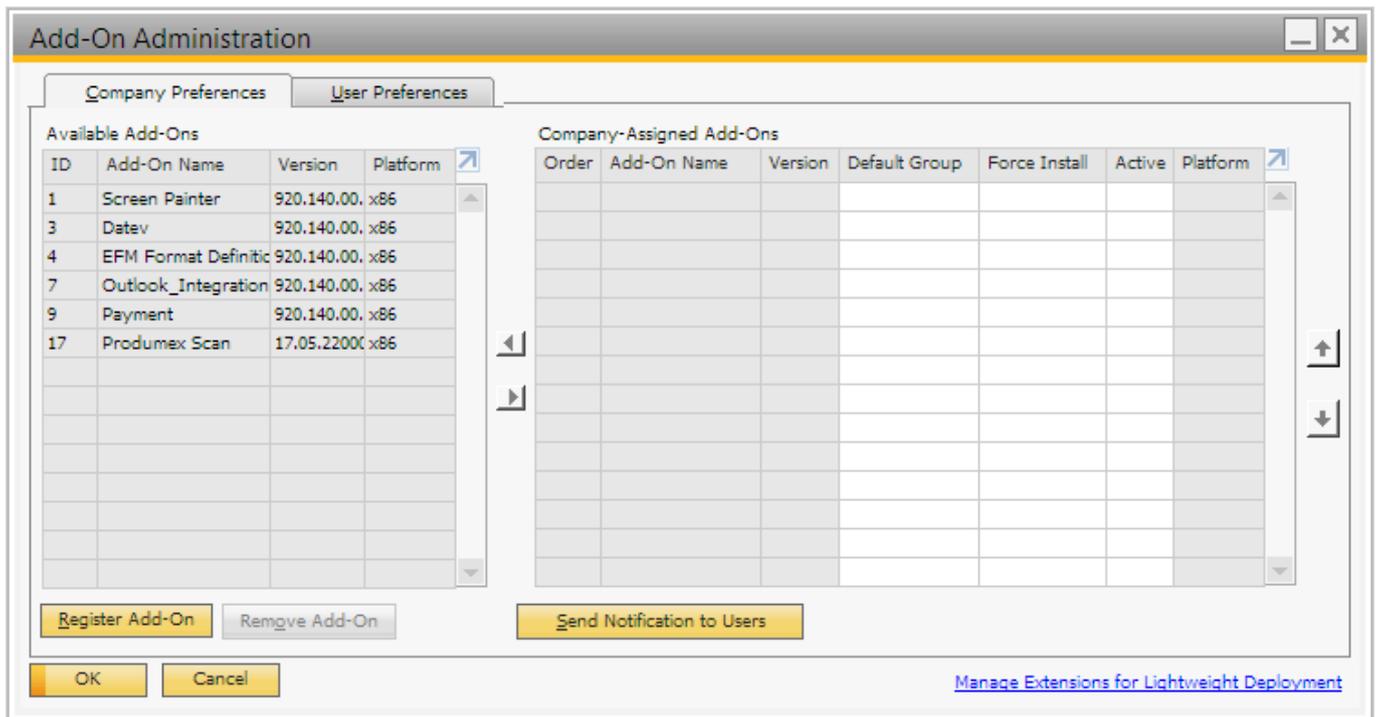
The .zip file contains two files:

- BXManufacturingAddOnSetup.ard
- BXManufacturingAddOnSetup.exe

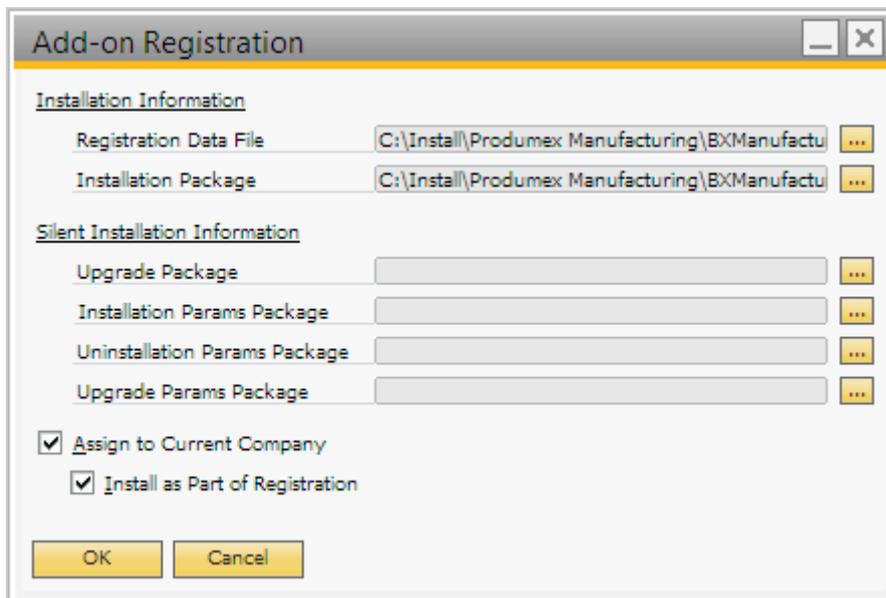
2.2. Registering the Add-On

In SAP Business One, open the Add-On Administration window (Main menu > Administration > Add-Ons > Add-On Administration).

Click on 'Register Add-On' button.



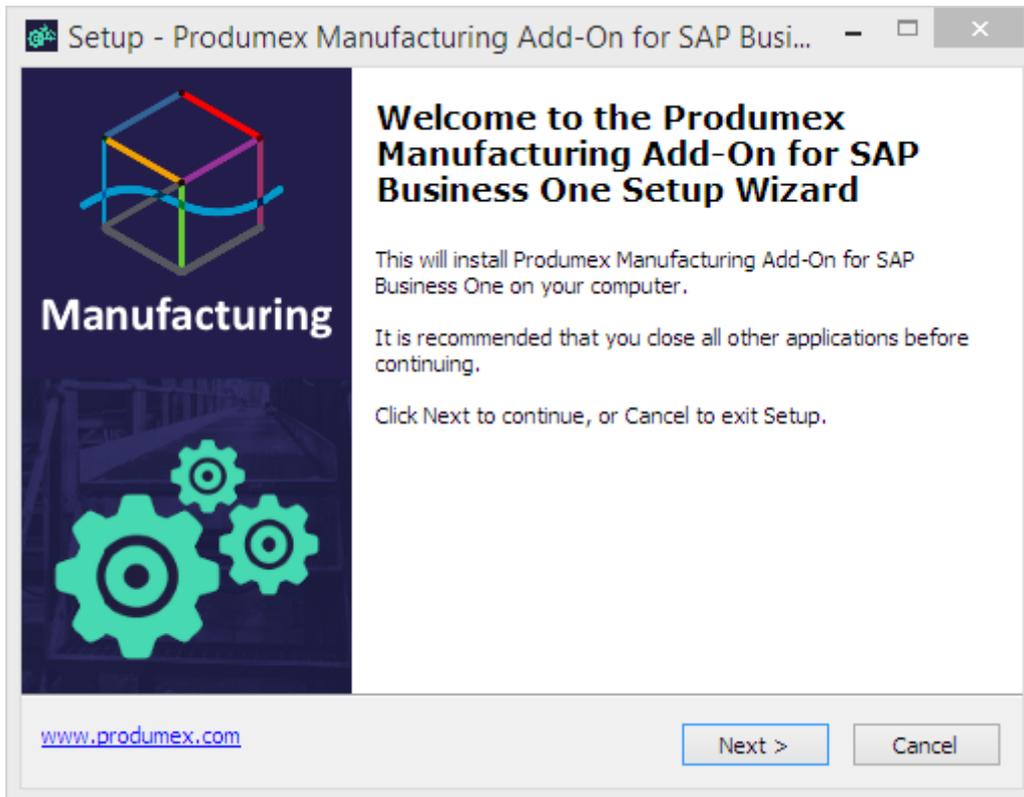
Click on the '...' button beside the Registration Data File and browse the %add-on%.setup.ard file, where the %add-on% is the name of the add-on. SAP Business One will fill out the path to the .exe file automatically.



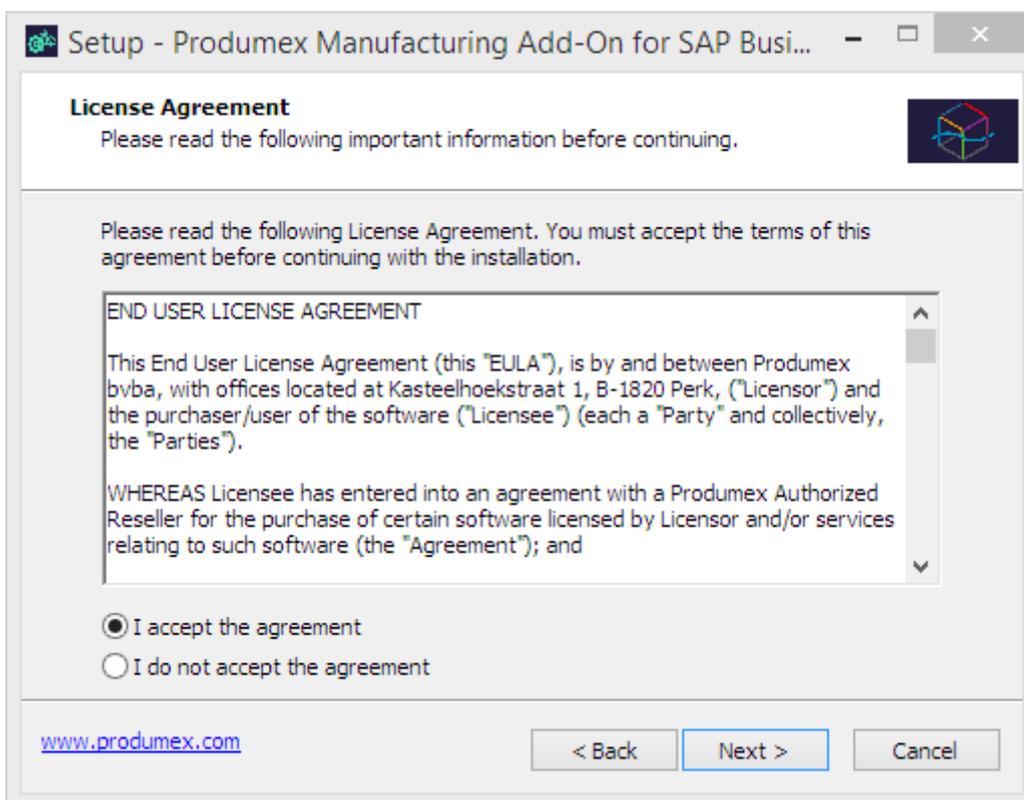
If you check the box 'Install as Part of Registration', the add-on will be installed right away, if the checkbox is unchecked, you have to restart SBO to start the installation. Click on the 'Ok' button.

2.3. Proceeding with the installation

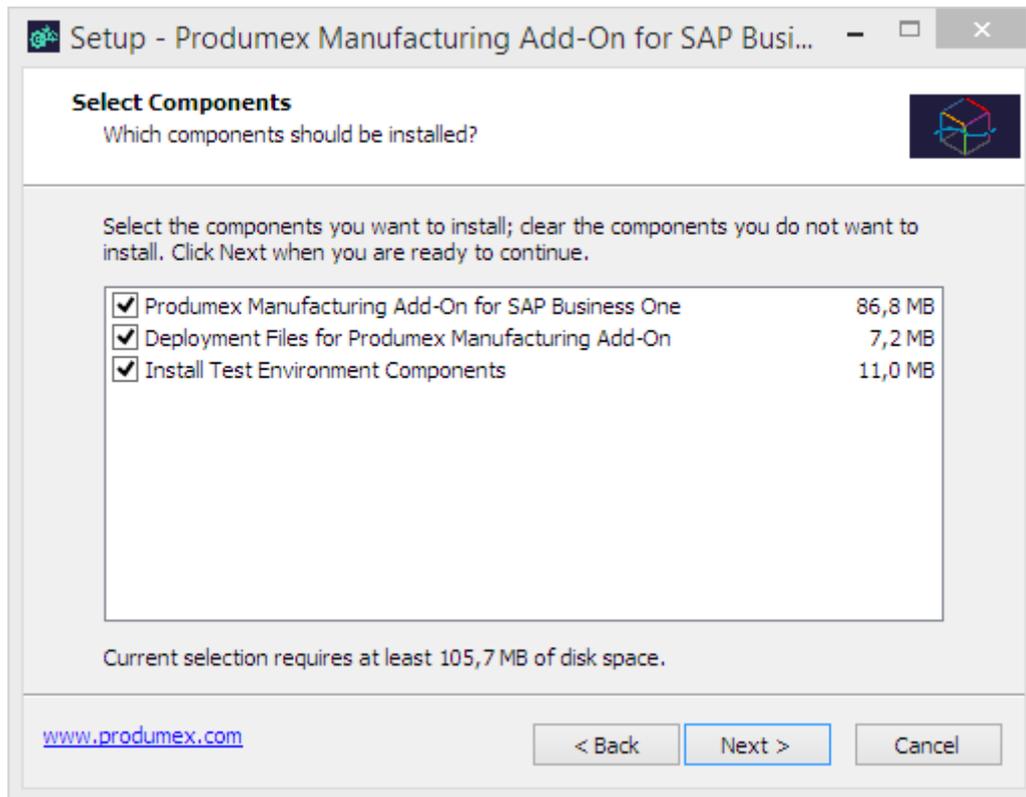
If the 'Install as Part of Registration' checkbox was turned on, the installation will start right away with starting the install wizard. Click on the 'Next' button to start the installation.



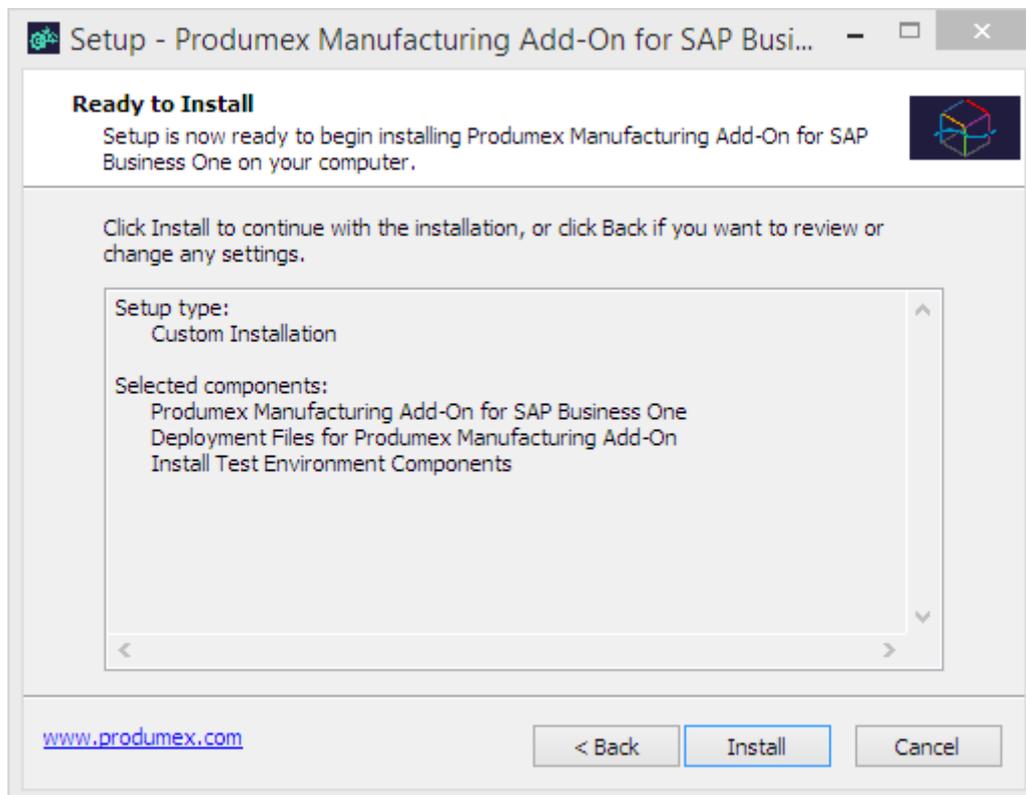
Accept the End-User License Agreement by selecting the '*I accept the agreement*' option, and then click on the 'Next' button.



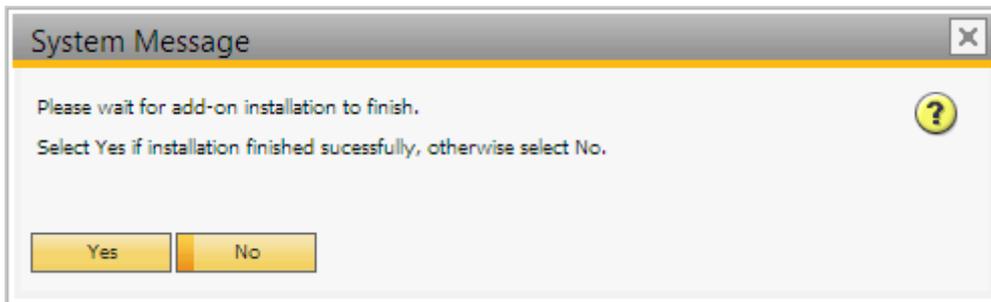
Make sure all components are checked and that there is enough disk space. Click on the 'Next' button.



Click on the 'Install' button to proceed with the installation.



If the installation process takes too long time, then SAP Business One will ask you if the installation finished successfully.



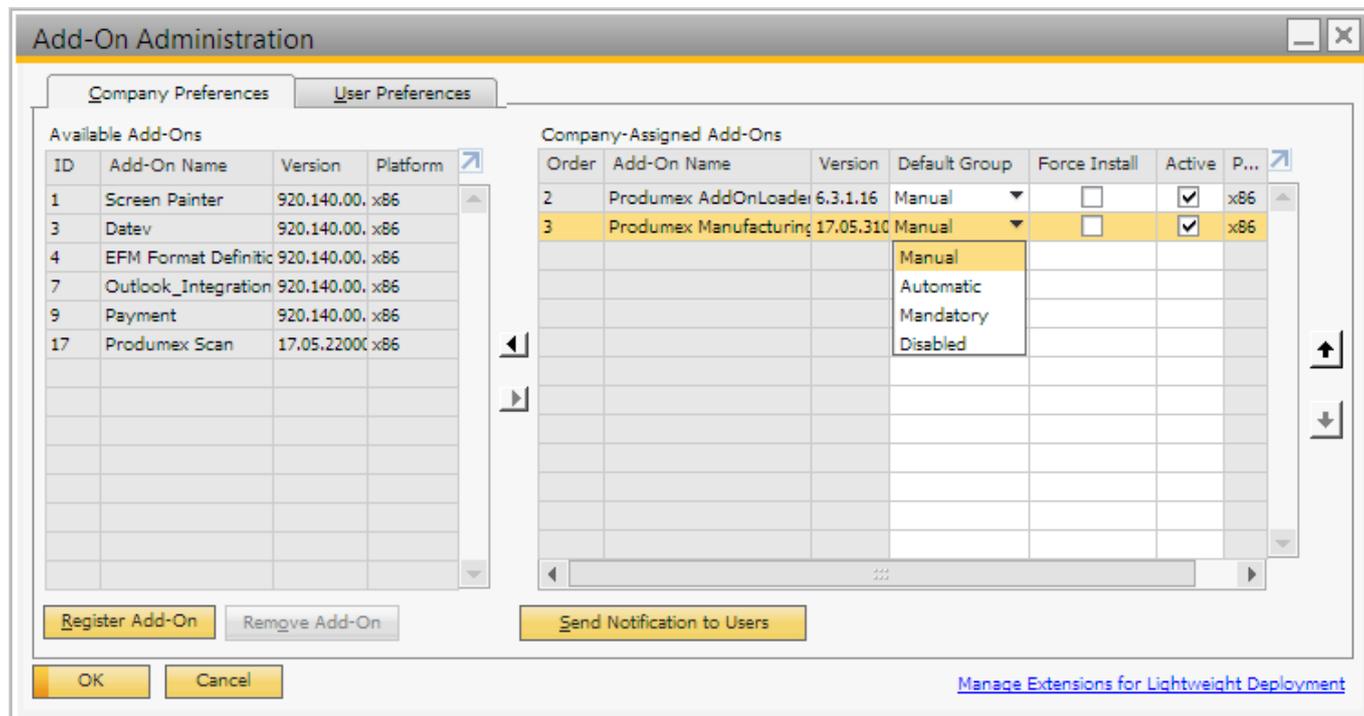
If the installation was successful, click on the 'Yes' button.
Please note: If there was an error during installation, it will be failed regardless of your answer.

2.4. Activating the Add-on

You can see now the Produmex add-on under *Company-Assigned Add-Ons*, on the right part of the window.

Make sure the 'Active' box is checked.
Change the Default Group from 'Disabled' to 'Manual' or 'Automatic'.

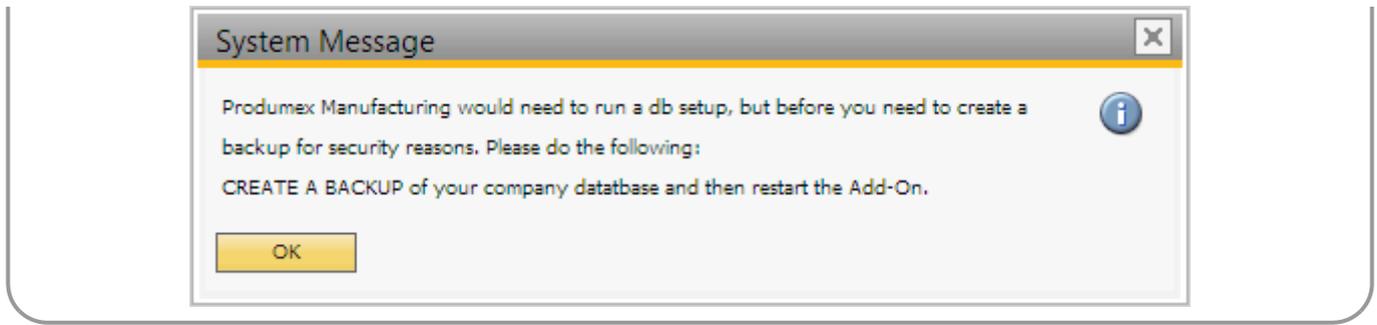
- 'Automatic' means the add-on will launch each time you start SAP Business One.
- 'Manual' means you have to launch the add-on manually after each time you start SAP Business One. It is advised to use this option during the configuration phase.



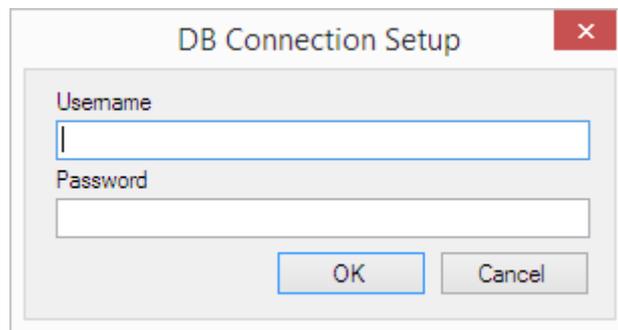
Click on the 'Update' button to save the changes.

2.5. Starting the Add-on

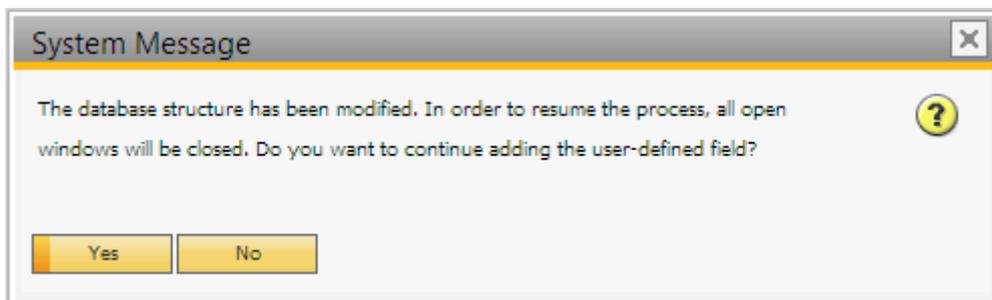
On the *Installed Add-Ons* tab, the status of the Produmex add-on is 'Disconnected'.



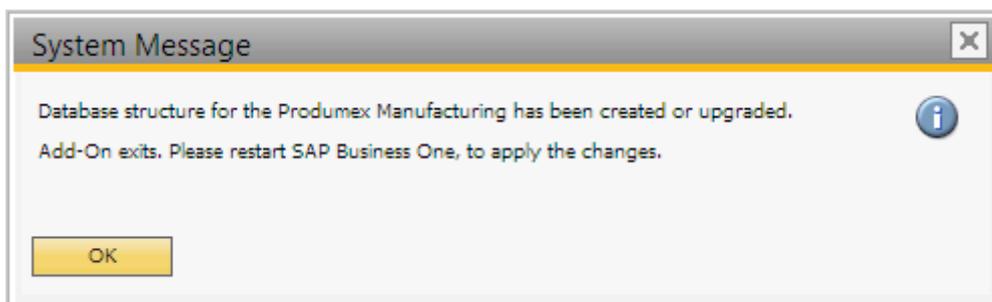
On the next screen set up the database connection. Enter the database user name and the database password. After the DB Connection is set up, the system will upgrade the database.



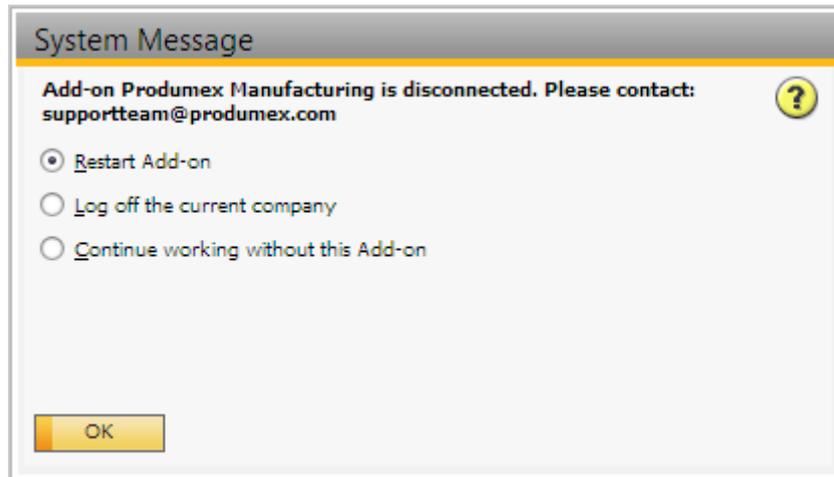
After the database structure has been modified, another System Message is displayed. Click on the 'Yes' button to add the user-defined fields.



A confirmation is displayed that the the database structure have been modified. Acknowledge the message.



A System Message window warns that the add-on stopped:



The add-on stops and a warning message is shown. Select the 'Continue working without this Add-on' option, then restart SAP Business One to apply the changes.

2.7. Running the Add-on

Once SAP Business One has restarted, connect to the current company. Start the add-on in the Add-On Manager as seen above (Main menu > Administration > Add-Ons > Add-On Manager).

The add-on should be running now.

If you want the add-on to start when you launch SAP Business One, you have to go to Administration window (Main menu > Administration > Add-Ons > Add-On Administration), and select 'Automatic' instead of 'Manual'. Click on the 'Update' button to apply the changes.

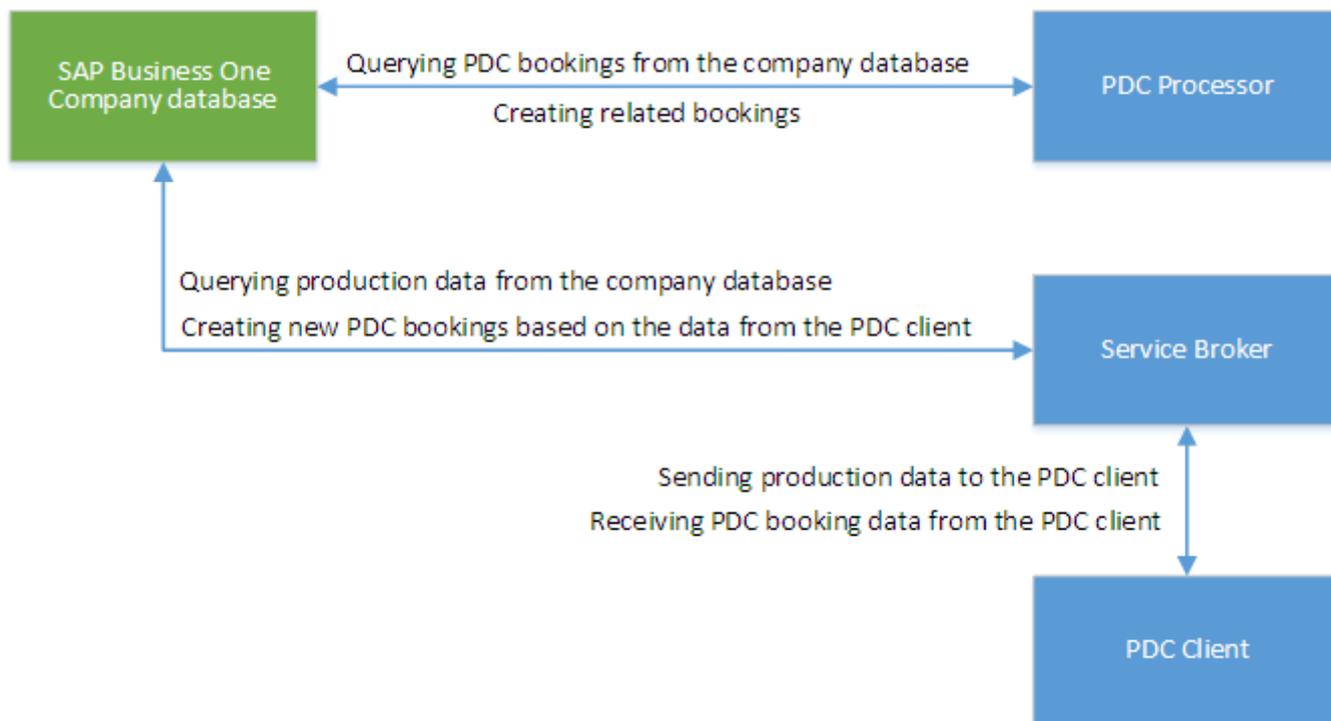
The Produmex Manufacturing add-on creates its log files at %appdata%\BX\Logs of the user that is assigned to the service. If it runs with local system account, then the log files are at: c:\Windows\SysWOW64\config\systemprofile\AppData\Roaming\BX\Logs (Please note: This is the Windows default setting, it can change based on Windows configuration).

Please note: Fonts will not be registered during a lightweight installation. In order to print barcodes for Produmex Manufacturing reports, install the fonts manually. You can download the fonts from here: [Download fonts](#).

3. Installing Produmex PDC

You need the following components to be able to use Produmex PDC for Production:

- Produmex Manufacturing Add-on installed in SAP Business One on the server
- Produmex Service Broker
- PDC Processor
- Produmex Service Manager
- Produmex PDC Client



3.1. Produmex Manufacturing Add-on

The PDC bookings created by the mobile PDC are stored in the SAP database/schema in user tables. These tables are created by the Produmex Manufacturing add-on which means you cannot use the Produmex PDC until you have installed the add-on and run the database setup. The used production orders also need to have the Produmex Manufacturing Settings in order to be able to use the mobile client.

For more information about installing the Produmex Manufacturing Add-on, please see: [Produmex Manufacturing Installation Guide](#)

Not all versions of the Produmex Manufacturing add-on and the Produmex PDC client are compatible with each other. We recommend always using the latest versions of both.

3.2. Produmex Service Broker

Do not run both the 32-bit version and the 64-bit version Service Broker on one environment as

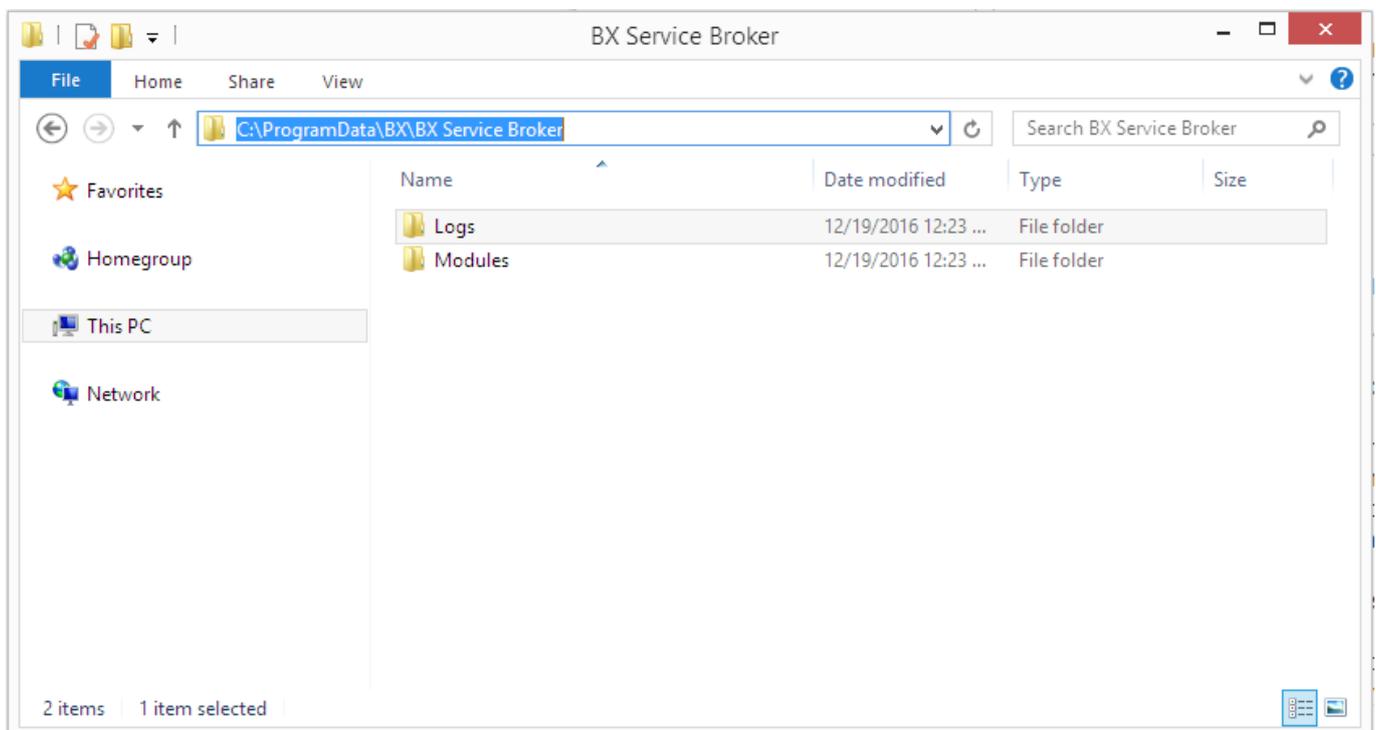
they conflict with each other. Only one service broker instance should be installed on a server at any time.

The Service Broker establishes the connection between the company database/schema and the application on the mobile device. It queries the data from the database/schema and sends it to the mobile application, and it creates the SBO documents based on the requests from the mobile devices. The SBO documents are created with SAP DI API 32bit version.

The Service Broker can run as a service or from a command window. It creates threads for the different requests which are independent from each other so if one thread has a problem it can be closed and the others are not influenced by it.

If the Service Broker does not run, the communication between the clients and the company database/schema is not possible.

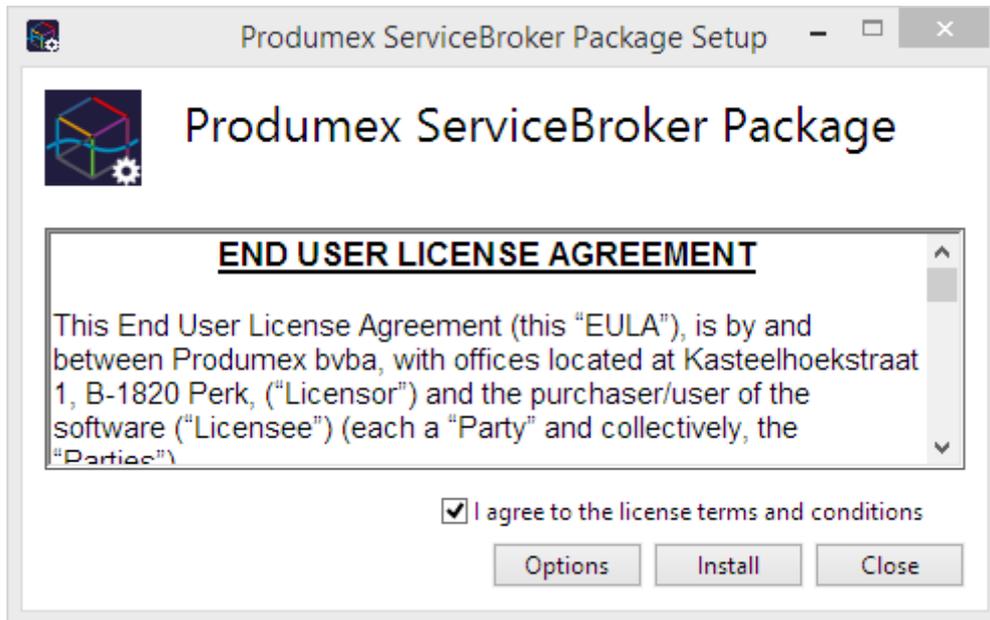
The service broker creates its log files at *C:\ProgramData\BX\BX Service Broker\Logs*. The ProgramData folder is hidden, you have to either enable 'Show hidden folders and files' in Windows Settings or you have to enter it directly to the address bar in Windows Explorer:



Install the service broker on the server which has access to the company database/schema. The installation file is an .exe file with a name like this one: *BxServiceBroker.Setup.exe*.

EULA

After launching the .exe file, the End User Licence Agreement will open up. Produmex Service Broker can only be installed if the License Agreement is accepted.



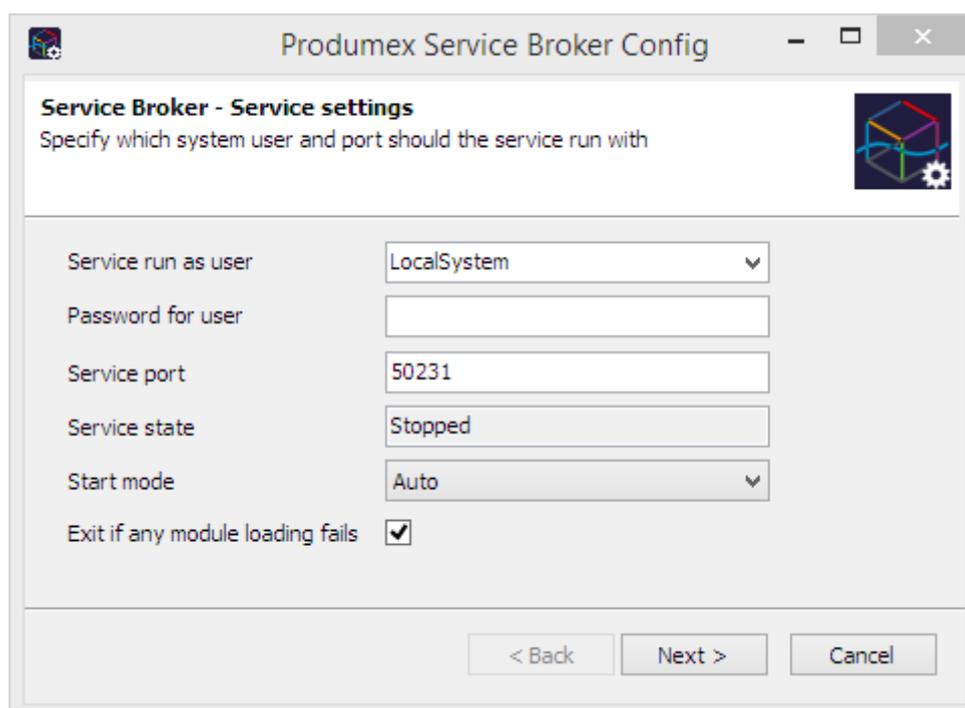
Service settings

When you start the installation, the Produmex Service Broker installer will request information based on the system and will set up the service based on the information you enter.

The installer will first ask the user who will be assigned to the service broker service in windows. This must be a user who has rights to write the event log and the program data directory where the logs are created. The service broker service will also make a connection to the company database/schema, the user must have rights for that as well.

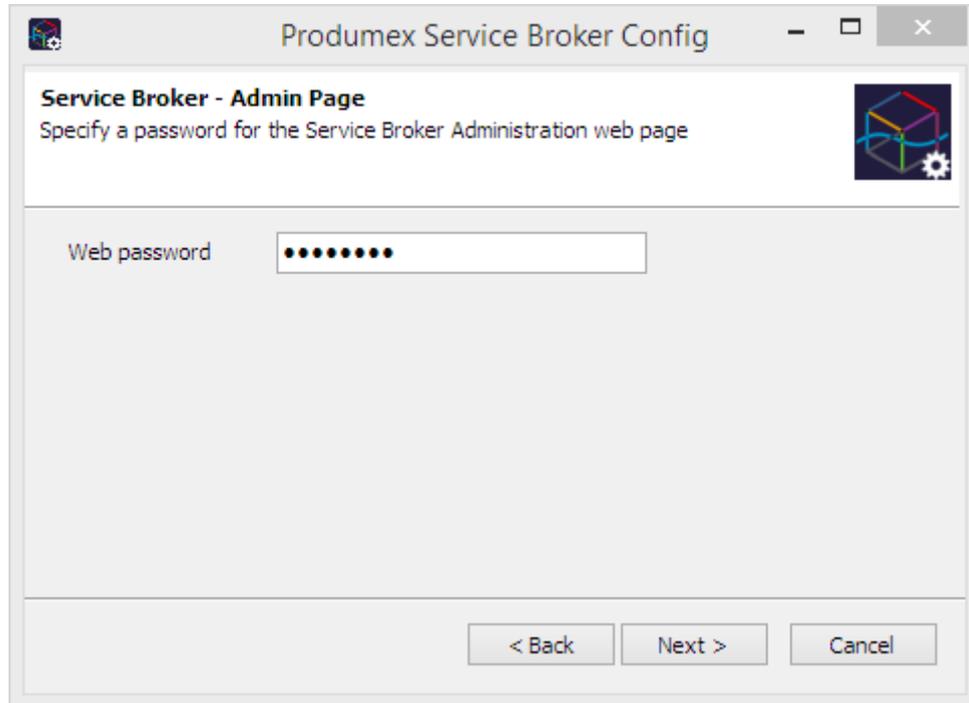
The default port for the communication between the service broker and the clients is 50231. The installer will open the firewall for this port automatically, but if you change the port, you will have to change the firewall settings manually.

You can also set up the start mode of the service. The recommended start mode is *Auto*.



Admin page

On the next screen specify a password for the Service Broker Administration web page.



Database connection

Then you have to provide connection data to the database server.

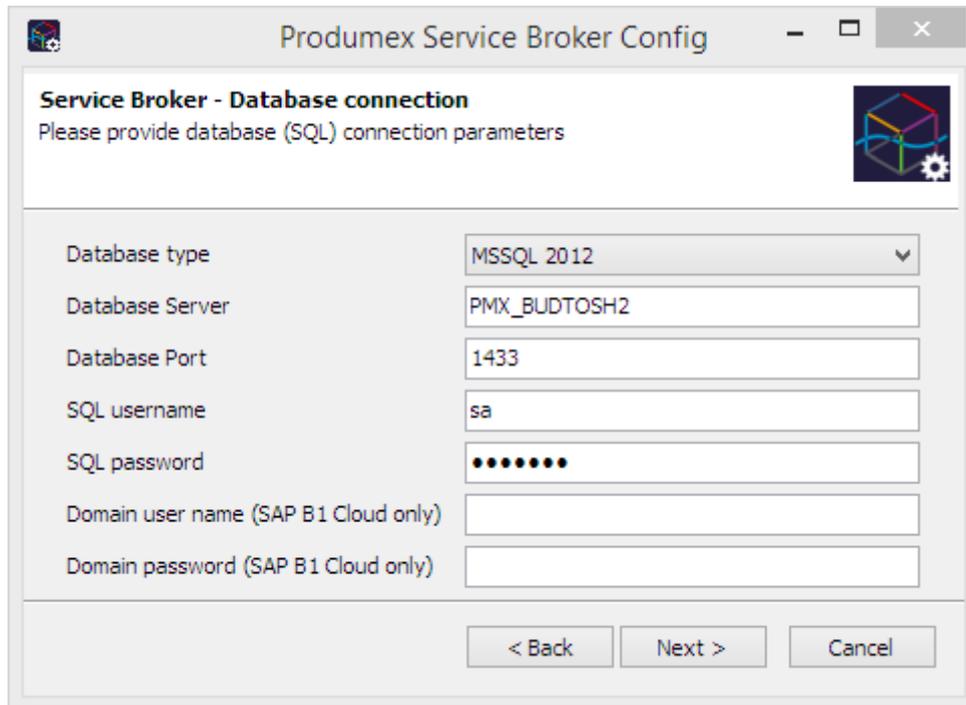
Select the database type from the dropdown menu.

- **MSSQL**

Add the name or the IP address of the database server. If you have a named instance, you have to enter the name of the server and the named instance as well (for example SERVER\NAMEDINSTANCE).

Enter the database port on which the application can connect to the server. The default port is 1433.

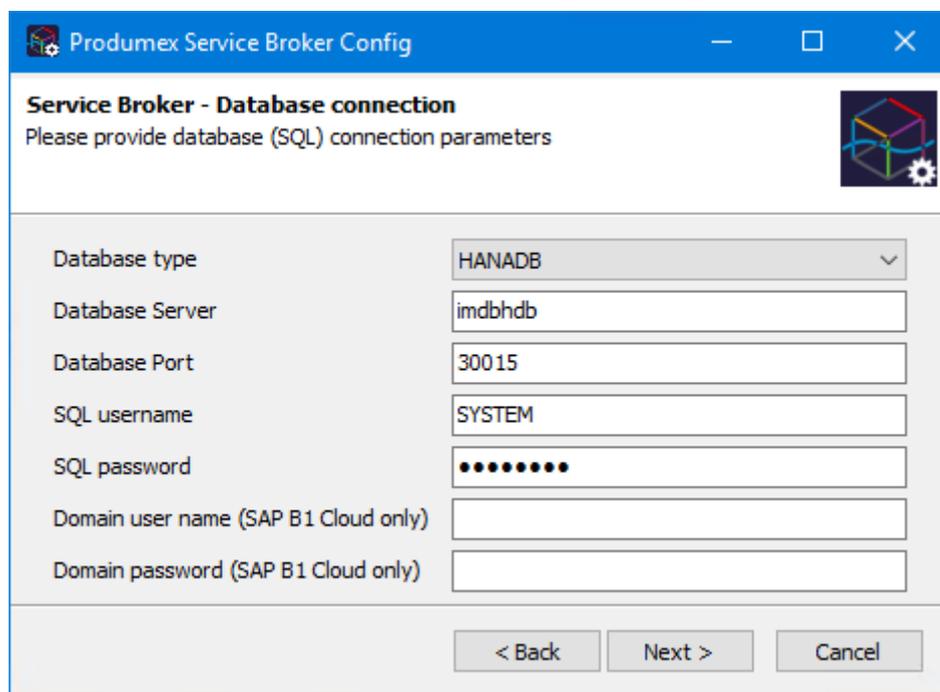
Add the name and the password of the database user. The default user is sa.



• **HANA**

Add the name or the IP address of the database server. The database server name has to be added with the exact same format as it was added during the installation of the SAP Business One client. Enter the database port on which the application can connect to the server. The default port is 30015.

Add the name and the password of the schema user. The default user is SYSTEM. It is recommended to install the Service Broker with the SYSTEM user.



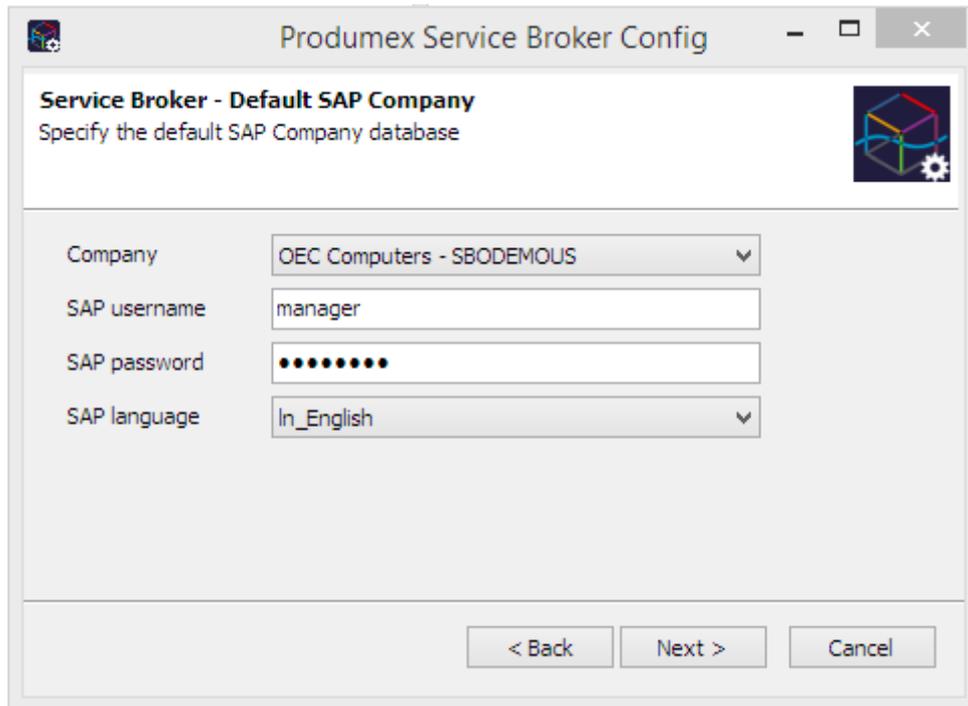
When working on SAP B1 Cloud, add the domain user name and password as well.

Default SAP Company

After that you have to set up the company database/schema. You can only set up one company here, if you have more than one database/schema, you can add the others in the Produmex Service

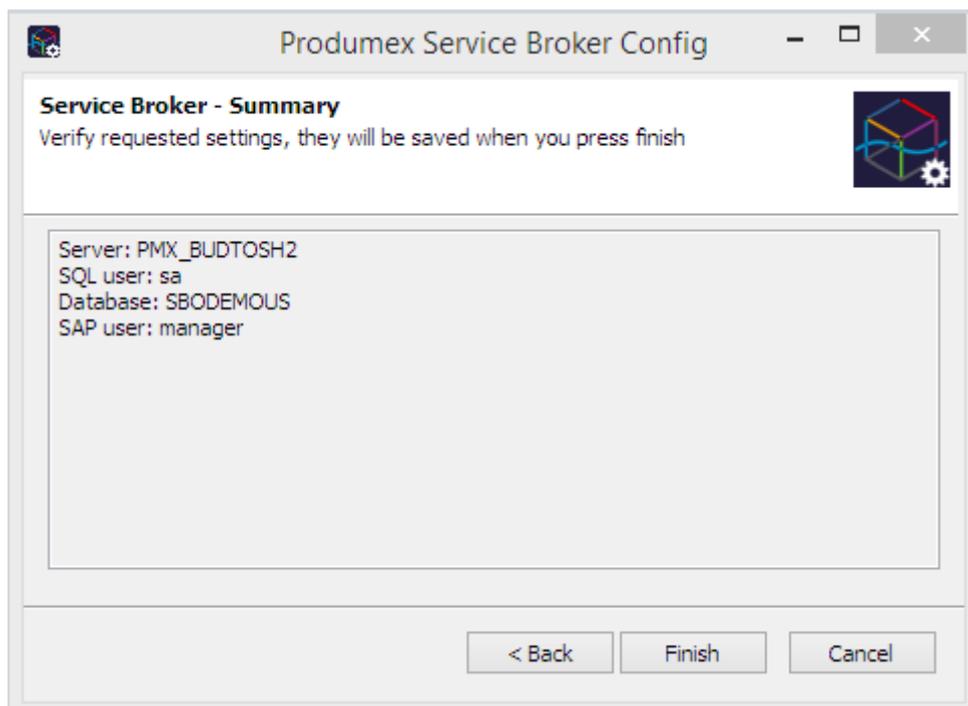
Manager after installation. For more information please see: [Produmex Service Manager-Add new database](#).

Enter an SAP user here which has at least an indirect access license as of SBO 9.2. PL08.



Summary

At the end of the installation you will see a summary screen about you settings. Click 'Finish' to end the installation.



Configure dependency from the SBO Server Tools service on an MSSQL system

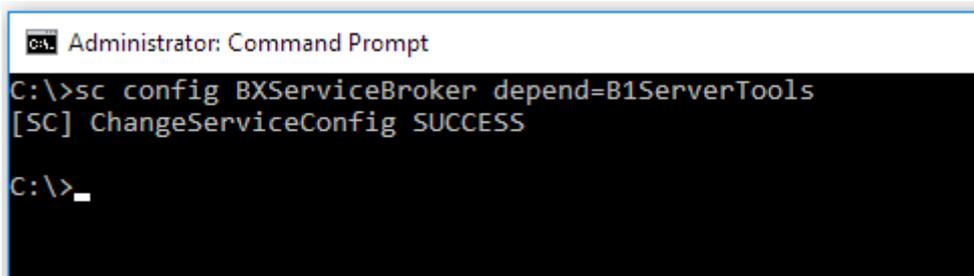
If the server where Produmex Service Broker runs needs to be restarted frequently, we advise to configure dependency from the SBO Server Tools service.

When Produmex Service Broker starts, it tries to connect to the SAP environment. If the connection fails, Produmex Service Broker will not start.

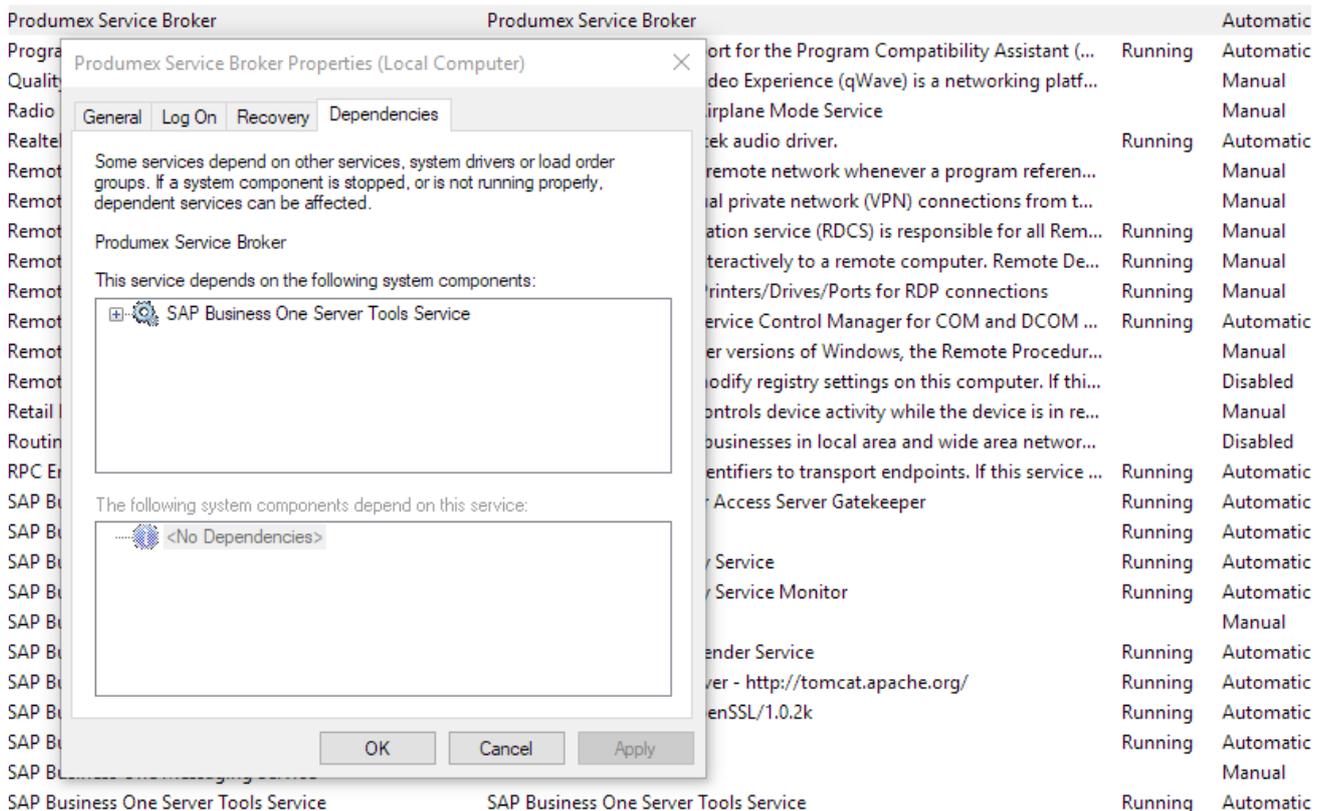
If the Produmex Service Broker is dependent from the SBO Server Tools service, it will only start after the SBO Server Tools service is started, therefore it will be able to connect to the SAP environment.

To configure the dependency, open the Command Prompt window and enter the following:

```
C:\>sc config BXServiceBroker depend=B1ServerTools
```



On the Dependencies tab of the Produmex Service Broker properties you can see that the dependency is successfully added:

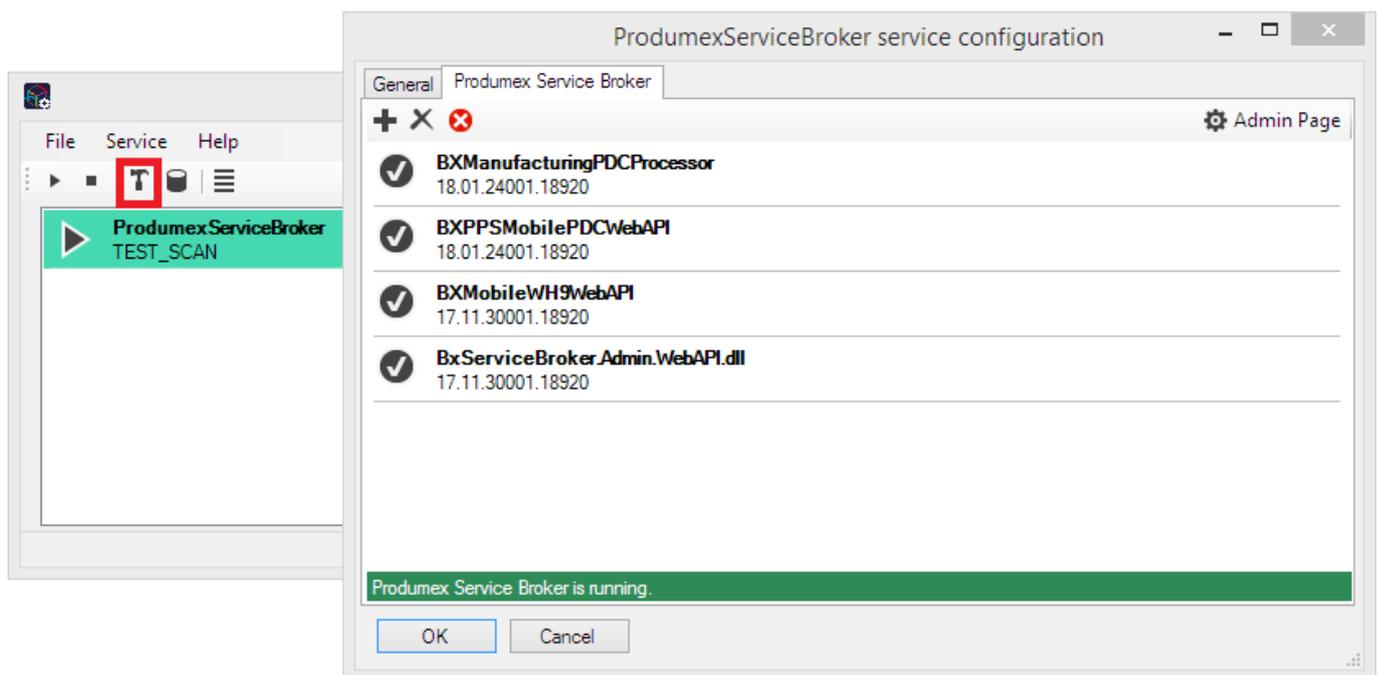


Please note: Do not set the dependency on HANA environments. Since the Produmex Service Broker is a Windows service, SAP HANA and Produmex Service Broker are running on separate servers. In order to avoid this issue, make sure that the HANA server is already running when you restart the server of the Service Broker.

3.3. Server Module

The Produmex Service Broker can work together with different Produmex add-ons. In order to do it, it uses the dlls of the given add-on. You need to install these dlls with the server installer which has a name like this: ProdumexADD-ON NAME_ServerSetup_version nbr_ SBO Version_Database server type.32/64 bit installers.zip.

The add-on and the server dlls must be for the same version. If you use different versions, error messages may appear. You simply have to start the installer and it will automatically copy the dlls and then restart the service broker service. You can check the installed modules in the Service Manager. For more information please see: [Configuring Produmex Service Broker](#)



3.4. PDC Processor

The PDC Processor also runs as a service on the same server as the Produmex Service Broker. It processes the created PDC bookings and it creates the necessary material bookings based on the milestone settings in the belonging production order. The bookings are usually issue for production or receipt from production bookings.

If the PDC Processor doesn't run, the PDC bookings are not created therefore the stock data of

materials or products are false. The last run date and time of the PDC Processor can be seen on the [PDC tab](#) of Produmex Manufacturing settings.

The last run date and time of the PDC Processor is logged in the [@BXPCONFIG] table on the 'PDCProcessor Last Run Date' [BXPPRCDT] and 'PDCProcessor Last Run Time' [BXPPRCTM] fields. We recommend that you create an SAP alert which checks the last run date, and if it has been more than 5 minutes ago and there are unprocessed PDC entries (U_BXPPrcSt = 0) in the [@BXPPDCBOOKING] table, it triggers an alert to the system administrator to restart the PDC processor service on the server.

The PDC processor creates its log files at C:\ProgramData\BX\BX Service Broker\Logs. The ProgramData folder is hidden, you have to either enable 'Show hidden folders and files' in Windows Settings or you have to enter it directly to the address bar in Windows Explorer.

3.5. Produmex Service Manager

The Produmex Service Manager is a standalone program that can handle the Produmex Service Broker and other Produmex services. Service parameters, connection data to the database server, and the connection data to the company database/schema can also be modified on the Service Manager.

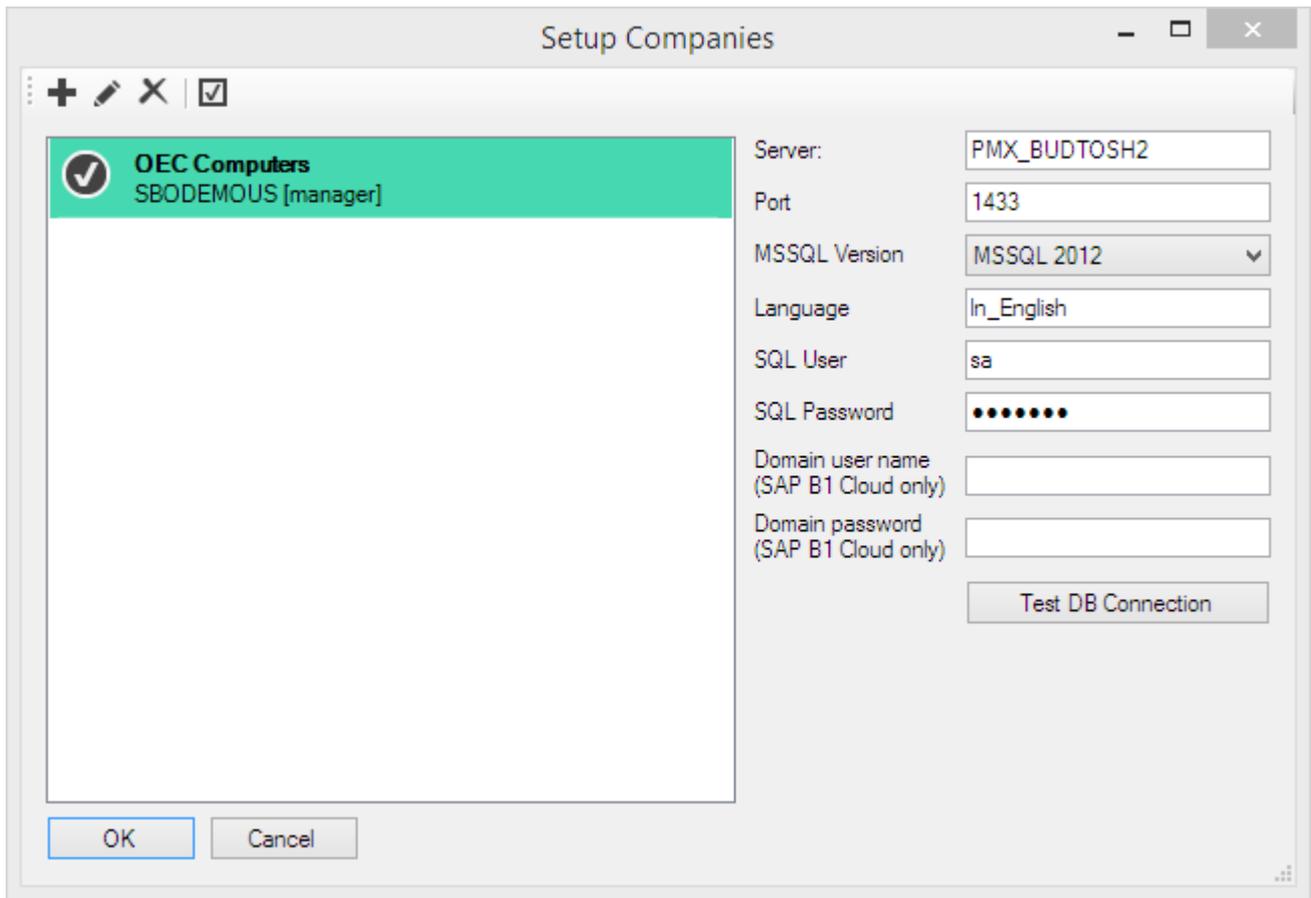
It is automatically installed by the Produmex Service Broker installer. The Service Broker will automatically appear in the Produmex Service Manager, together with all other installed Produmex services that are supported by the Service Manager.

3.5.1. Setup/Modify Connection data to the SAP company

Click on the 'Setup Companies' button. On the opening window you have to enter the connection data to your SAP company database/schema.

- **MSSQL**

At 'Server' enter the name or IP address of the server. At 'Port' you have to enter the port on which the application can connect to the database server. Usually it is 1433, however, if you have a named instance in the SQL server, then you have to check the actual port.

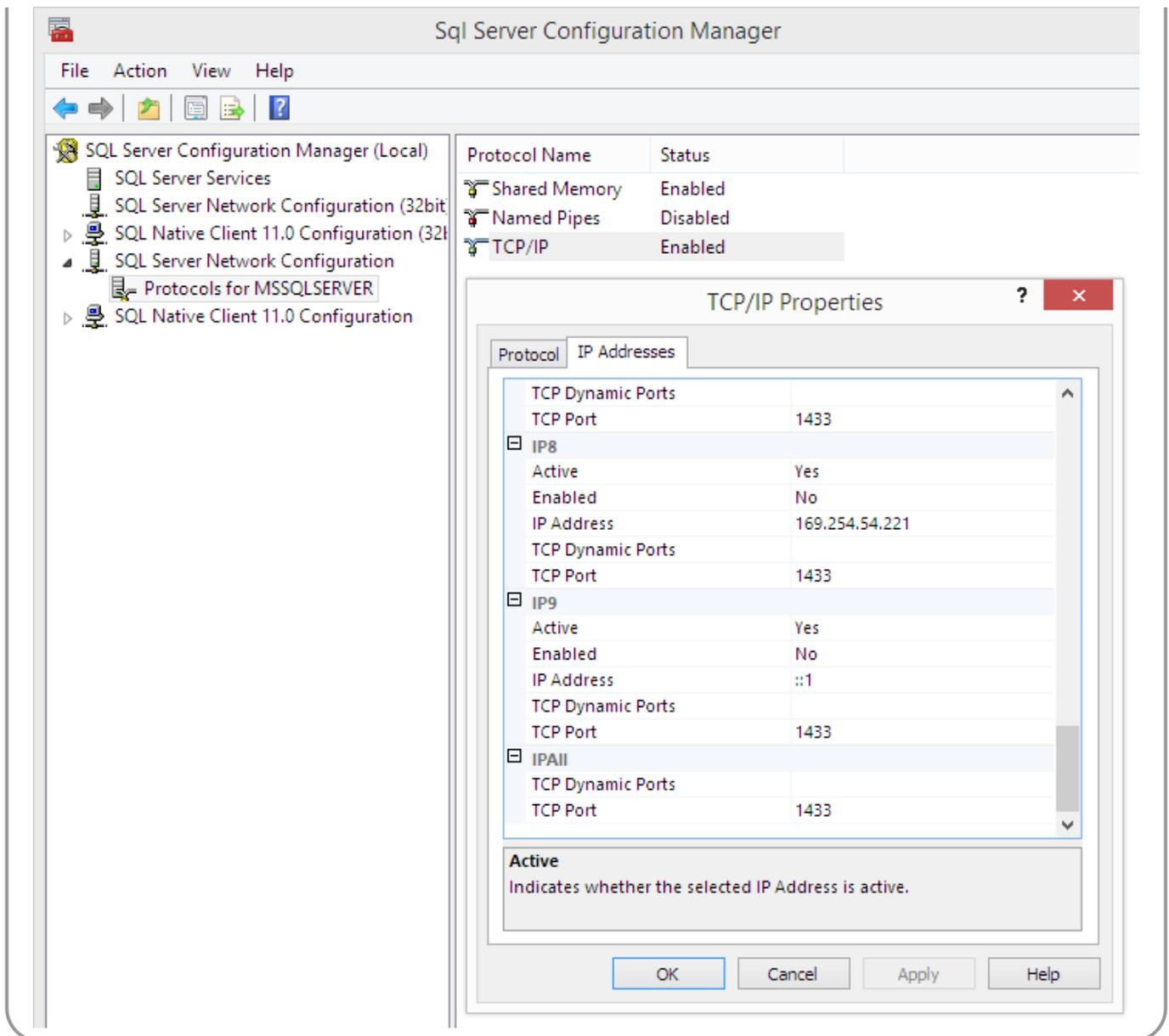


How to check the port number on SQL

Open the SQL Server Configuration Manager. Select the SQL Server instance then right click TCP/IP on the right side and click on Properties. In the small window go to the bottom and check the port number.

Then choose MSSQL version number and enter the SQL Server user name and password.

When working on SAP B1 Cloud, add the domain user name and password as well.



Please note: in this example there are no instances, so the port is the default 1433.

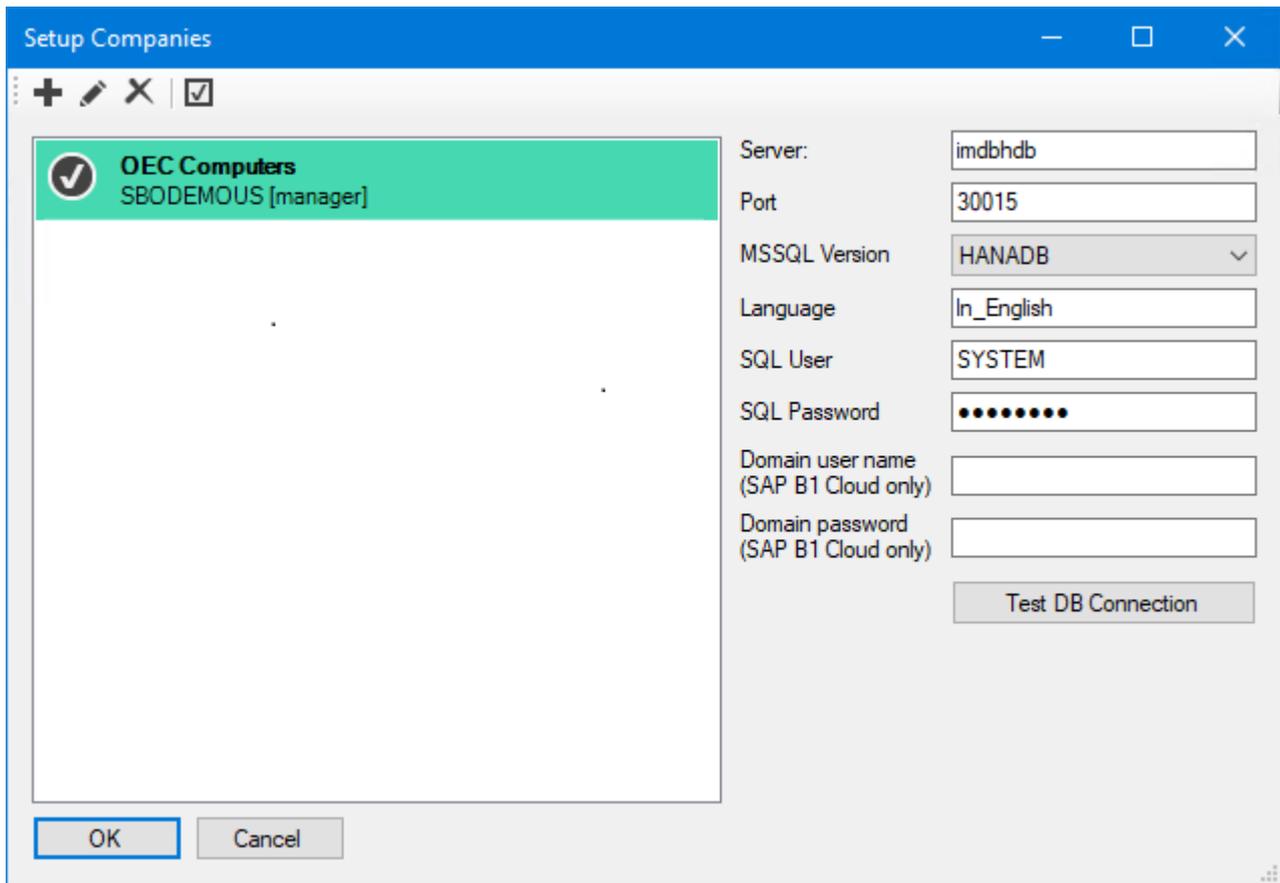
• **HANA**

At 'Server' enter the name or IP address of the server. Please note: The database server name has to be added with the exact same format as it was added during the installation of the SAP Business One client.

At 'Port' you have to enter the port on which the application can connect to the database server. The default port is 30015.

Select HANADB from the dropdown menu and enter the user name and password.

When working on SAP B1 Cloud, add the domain user name and password as well.



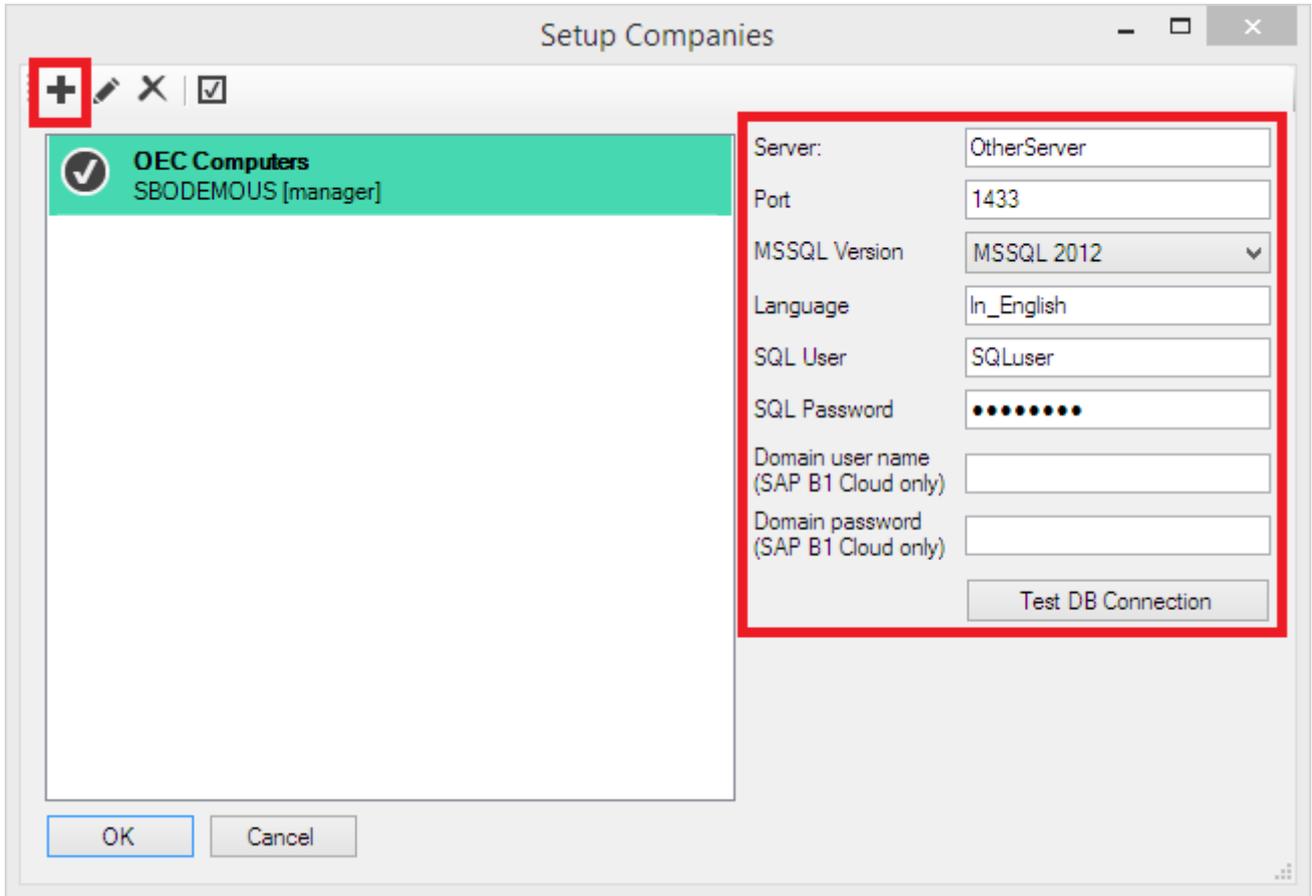
If you click on Test DB Connection, Service Manager will try to connect to the server with the given data. If the connection can be established, you will get a message: *Database connection test - success!*

3.5.2. Add new database

Click on the Setup Companies button.

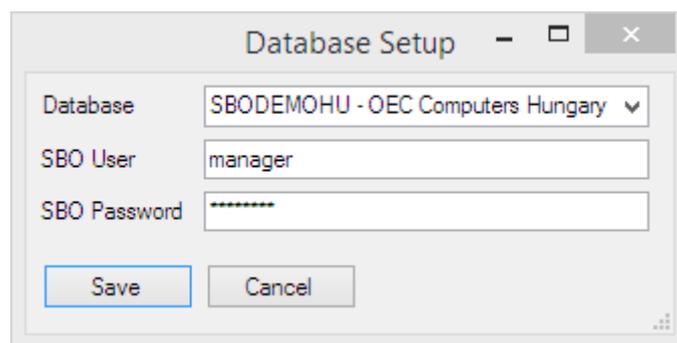
On the opening 'Setup companies' screen check the connection data. If you would like to add a database from a different database server, modify the connection parameters then click on the 'Test DB Connection' button to test the connection. The modification of the connection parameters does not affect the connection settings of the already added databases.

Click on the '+' icon to add a new database/schema.



On the 'Database Setup' window select the database/schema from the dropdown menu.

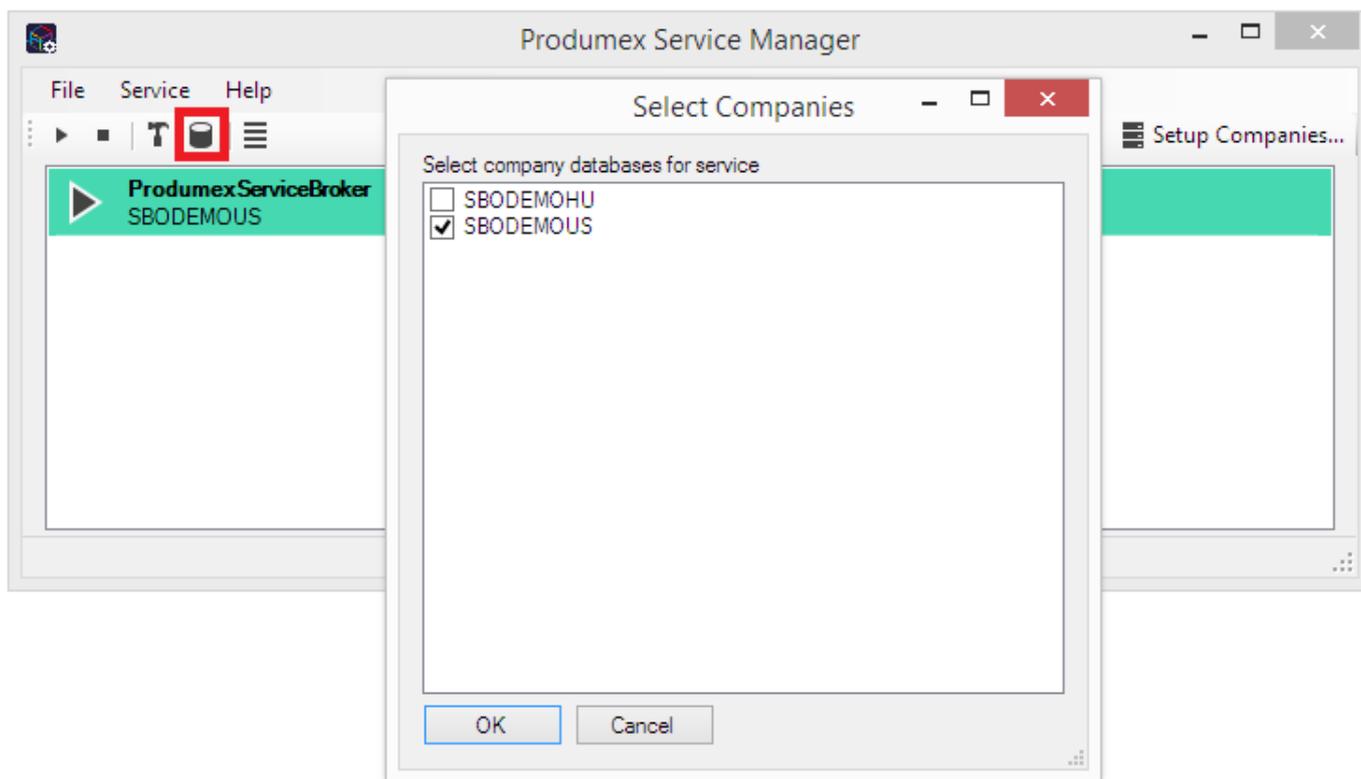
Enter an SBO User and its password to create the connection to the database/schema. SAP employees are used for log in the mobile device. Transactions initiated by the employees will be posted by the SAP user defined for the Service Broker. The SBO user must have the authorizations to create stock related bookings in SAP Business One (Delivery, Goods Receipt PO, Stock Transfer, etc.) The SBO user also need at least an SAP Indirect Access license type as of SBO 9.2. PL08.



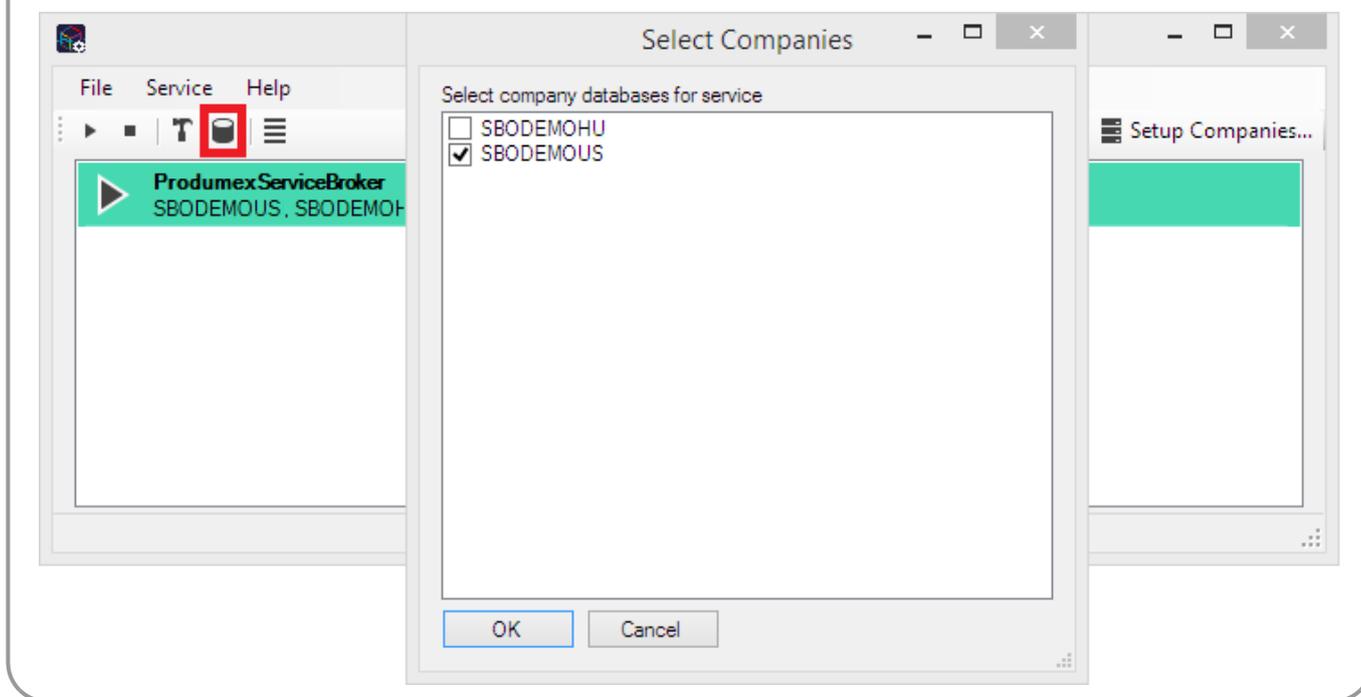
Click on the 'Save' button then close the window. You can close now Setup Companies and go back to the Service Manager main screen.

Now you have to assign your companies to the Produmex Service Broker and other Produmex services.

Click on the 'Companies...' button and select the company database/schema on the opening 'Select Companies' screen.

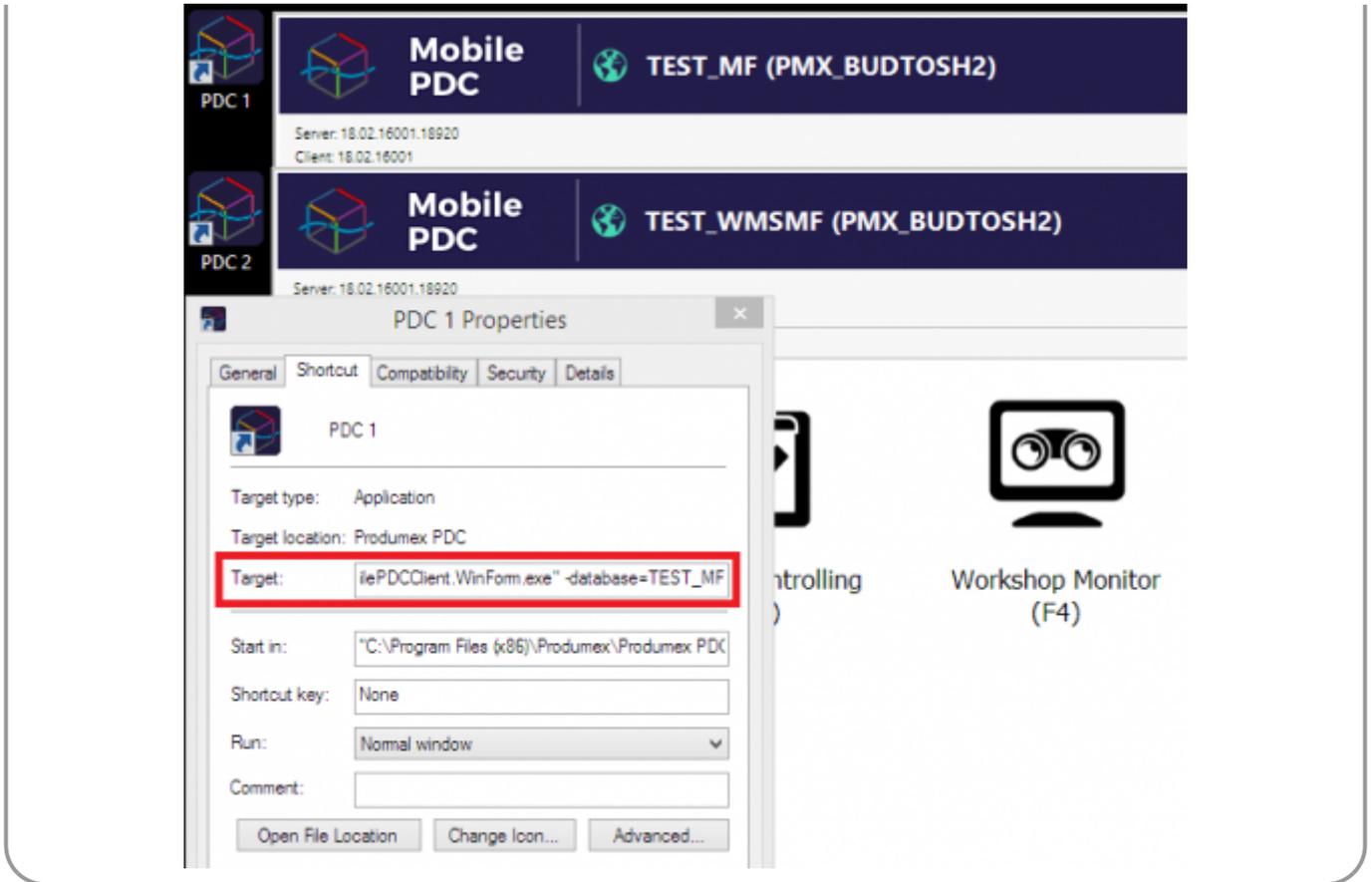


It is possible to start the PDC application with a `-database` parameter. If multiple databases are configured in the Service Broker, you do not have to start the PDC Configuration every time you would like to switch between databases.



Create shortcuts for the `BXPPSMobilePDCClient.WinForms.exe`. The file is located in `C:\Program Files (x86)\Produx\Produx PDC`

Add the database with the `'-database='` parameter to the end of the file path in the Target field.



Please note: Make sure that the Produmex Manufacturing add-on is installed on all databases with the same version as the Service Broker.

3.5.3. Configuring Produmex Service Broker

The Produmex Service Broker can work together with different Produmex add-ons, therefore in the Service Manager you have to configure which add-on you want to use. To do that, click on the 'Configure...' button or select it from the line of the Service Broker.

General tab

If you set the '*Debug writeline log*' parameter to true, it will write a log about each command the Service Broker processes. **Only set it to true, if Produmex support asks you to do that.**

'*Kill time*' means that if a thread doesn't respond to a request within this time limit, it will be killed. The setting depends on your server. If you have a quick server, set it to a small number, if you have a slow server, set it higher. Default is 10 seconds.

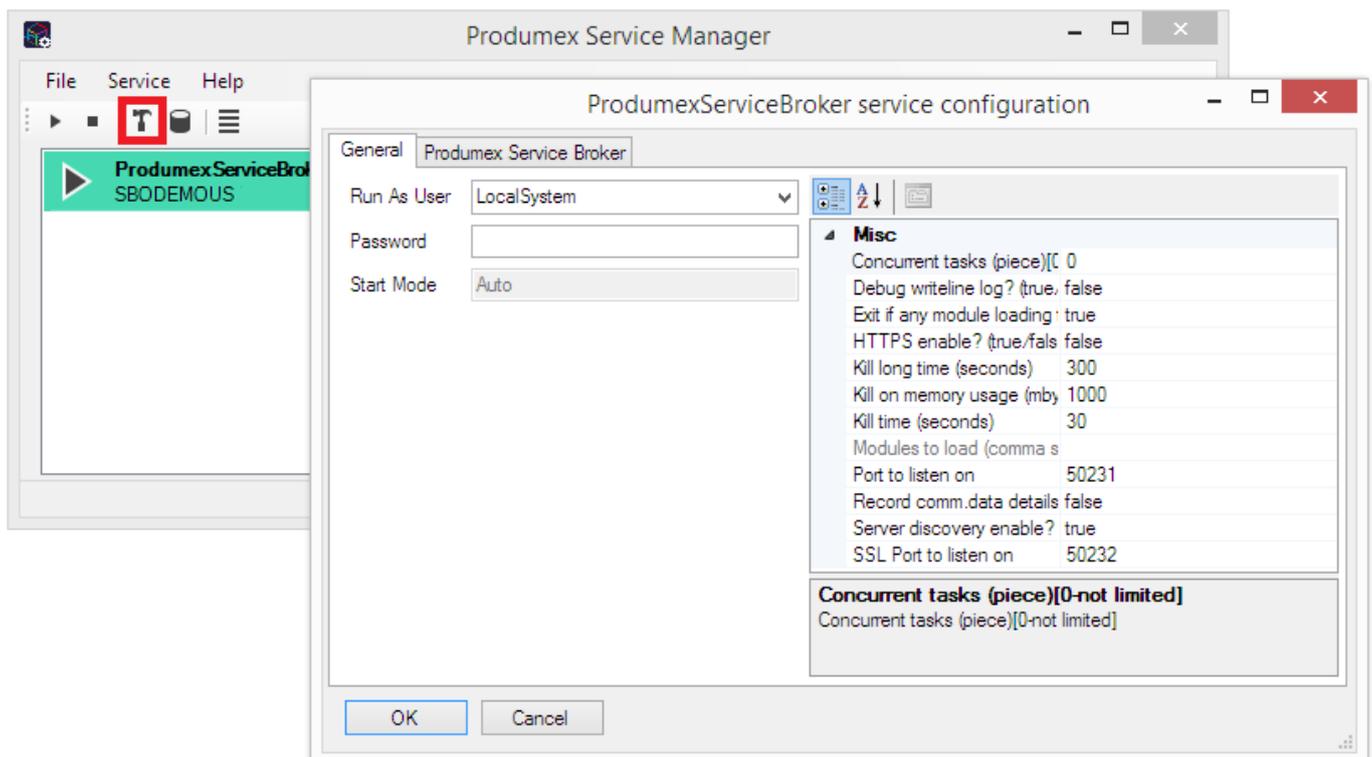
'*Modules to load*' is the module of the add-on to which the service broker connects. It is automatically done by the module installer for you, so you only have to set this manually in specific cases. To add multiple modules, separate them by comma.

- In order to use Produmex Manufacturing, set it to *BXPPSMobilePDCWebAPI.dll*
- In order to use Produmex Scan, set it to *BXMobileWH9WebAPI.dll*
- In order to use Produmex Operator, set it to *BXMWWWebAPI.dll*.

At the 'Port to listen on' you can set which port is used by the service broker to communicate with the clients. The default is 50231. Make sure that the port you set here is not blocked by any firewalls or antivirus software.

The 'Server Discovery Enable' turns on the feature that the client can look up the running service broker server automatically. It makes setting up the clients easier.

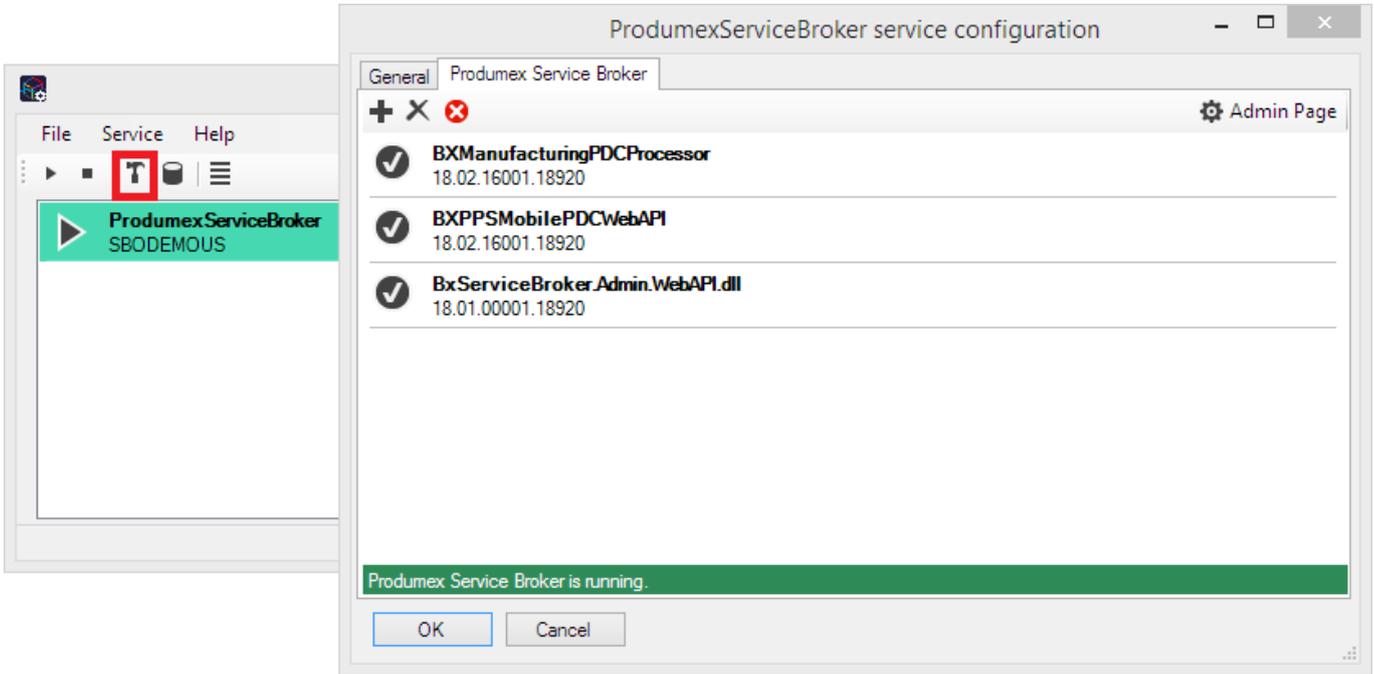
You have to assign an administrator user to the service in the Windows Service Manager, otherwise the Service Broker cannot connect to SBO and cannot write to its log files. If the Service Broker stops right after starting it, and in the log file you have access denied errors, then the cause is that you haven't assigned the administrator user to the service.



Produmex Service Broker tab

On the Produmex Service Broker tab you can see the loaded modules, and you can remove/install new modules if needed.

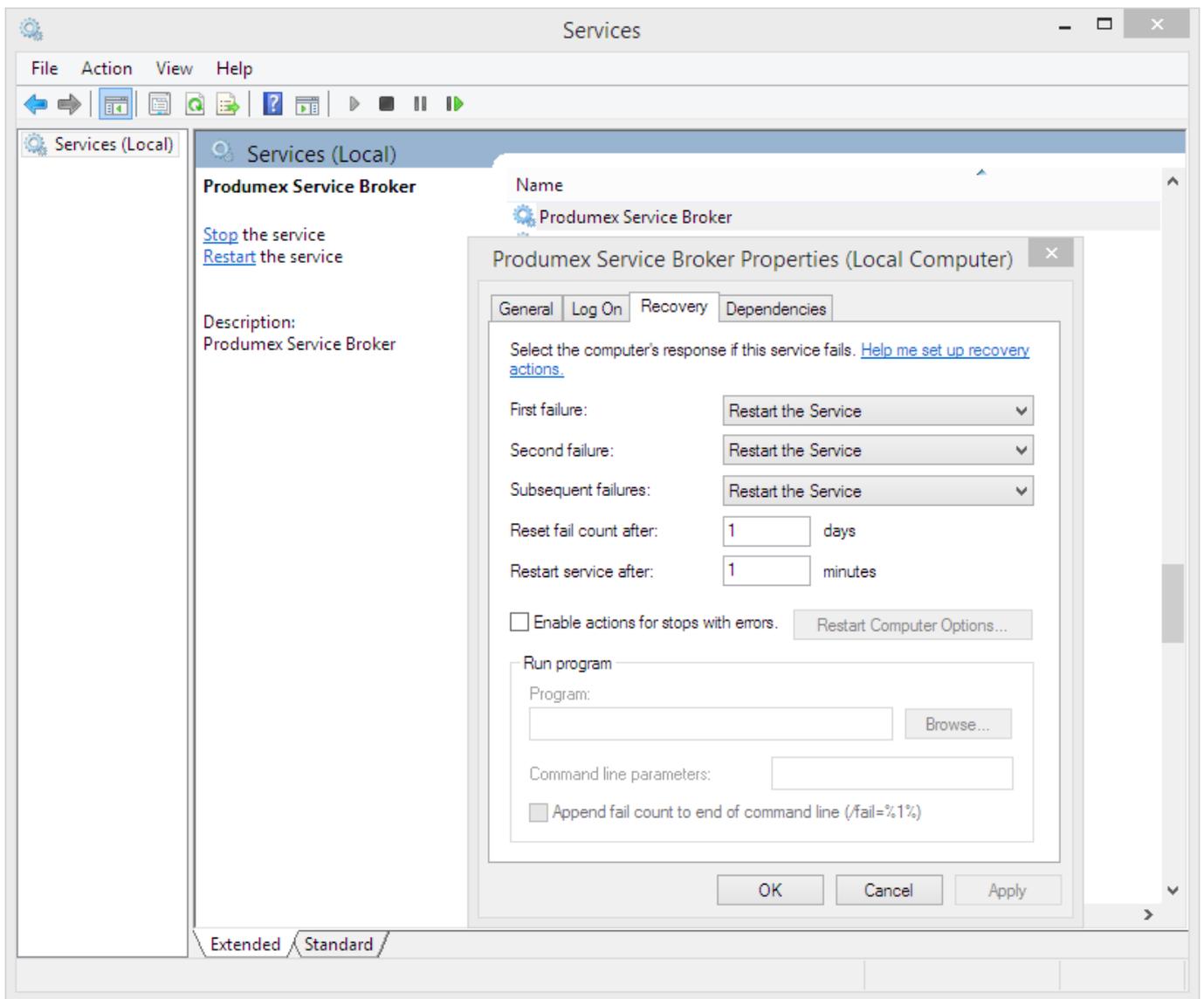
If you see a check icon before the module name, it means it could be loaded successfully. If a problem arises, you will see error beside the module name.



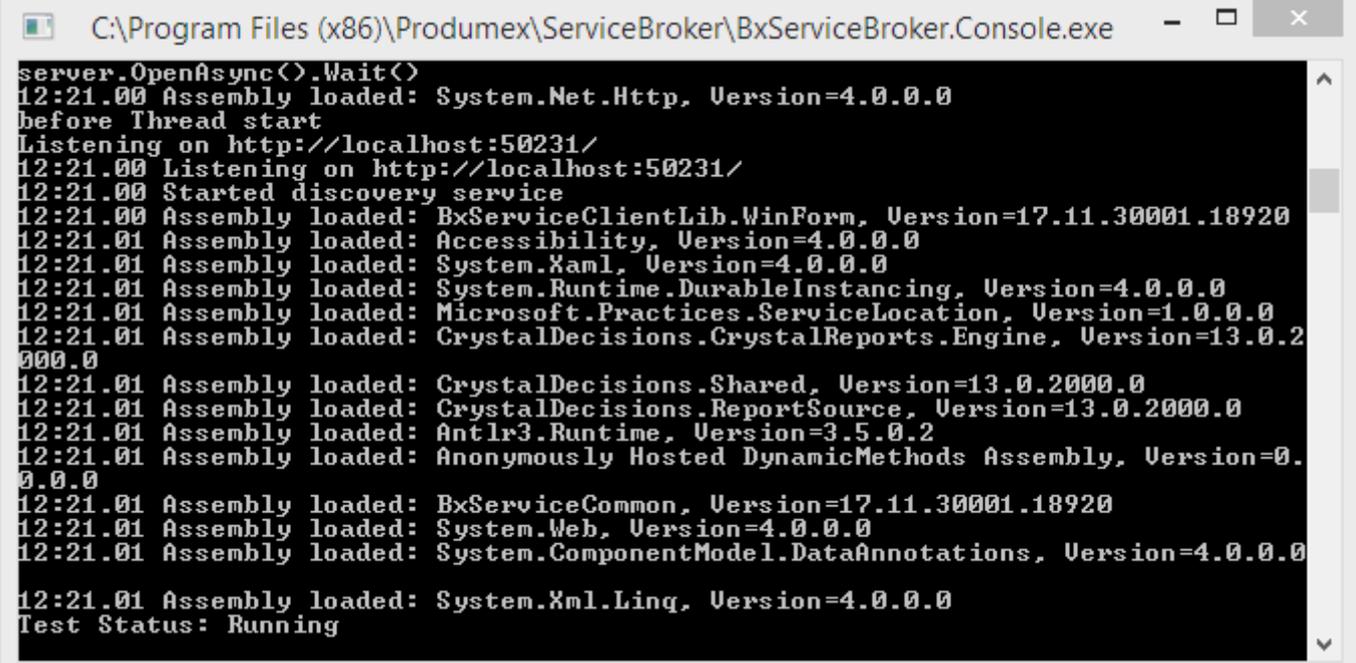
3.5.4. Start Produmex Service Broker

After you have set all settings and installed the server module, you can start the Service Broker service in the Service Manager by selecting first the service then clicking on the 'Start' button. If you want to stop a service, click on the 'Stop' button.

You can also stop or start the services from windows service manager, but you cannot change the Produmex settings there. It is recommended that you set the service to *Automatic start* and that you set the recovery options to *Restart at Recovery* in Service Properties for the service.



If you want to start the Service Broker from the command window, you can start it with “C:\Program Files (x86)\Produmex\ServiceBroker\BxServiceBroker.Console.exe” (or Service Broker (Console) program in the Windows Start menu) and you will see a window like this:



```

server.OpenAsync().Wait()
12:21.00 Assembly loaded: System.Net.Http, Version=4.0.0.0
before Thread start
Listening on http://localhost:50231/
12:21.00 Listening on http://localhost:50231/
12:21.00 Started discovery service
12:21.00 Assembly loaded: BxServiceClientLib.WinForms, Version=17.11.30001.18920
12:21.01 Assembly loaded: Accessibility, Version=4.0.0.0
12:21.01 Assembly loaded: System.Xaml, Version=4.0.0.0
12:21.01 Assembly loaded: System.Runtime.DurableInstancing, Version=4.0.0.0
12:21.01 Assembly loaded: Microsoft.Practices.ServiceLocation, Version=1.0.0.0
12:21.01 Assembly loaded: CrystalDecisions.CrystalReports.Engine, Version=13.0.2000.0
12:21.01 Assembly loaded: CrystalDecisions.Shared, Version=13.0.2000.0
12:21.01 Assembly loaded: CrystalDecisions.ReportSource, Version=13.0.2000.0
12:21.01 Assembly loaded: Antlr3.Runtime, Version=3.5.0.2
12:21.01 Assembly loaded: Anonymously Hosted DynamicMethods Assembly, Version=0.0.0.0
12:21.01 Assembly loaded: BxServiceCommon, Version=17.11.30001.18920
12:21.01 Assembly loaded: System.Web, Version=4.0.0.0
12:21.01 Assembly loaded: System.ComponentModel.DataAnnotations, Version=4.0.0.0
12:21.01 Assembly loaded: System.Xml.Linq, Version=4.0.0.0
Test Status: Running

```

The use of the command window is recommended for debugging purposes. In production environment the use of the service is more efficient.

3.6. Produmex PDC Client

The Produmex PDC Client must be installed on the client computer. The installer is an exe file located in the ProdumexManufacturingMobilePDCClientSetup_ *version number* _SBO *version* _Database *server type*.32/64 *bit version*.zip folder. For the time being it is a windows application that uses .NET 4 framework.

Extract the .zip folder, initiate the installation and follow the steps of the Produmex PDC Setup Wizard.

After you have installed it there will be two new programs at All Programs > Produmex:

- Configuration of Produmex PDC
- Produmex PDC.

4. Performing a version update

Please always check the [release notes](#) of the new version before starting the upgrade, because it might contains important information regarding the upgrade.

4.1. Produmex Manufacturing Add-on

The steps of a version upgrade for the Produmex Manufacturing add-on are identical to a [new](#)

installation.

If you are upgrading from a version higher than 17.05, it is not required to uninstall the current version before starting the upgrade.

When the add-on is started the first time after the upgrade, the database setup will run. In order to run the database setup, a database backup that was created within an hour is required on an MSSQL environment.

Please note: Before performing an SBO patch level upgrade, remove the foreign keys if there were installed. You can remove the foreign keys by: Tools > Produmex Manufacturing > Produmex Data Management > Remove Foreign Keys.

4.2. Produmex Service Broker

If you are upgrading from version 17.09 or higher, it is not required to install a new version of the Service Broker for an upgrade of Produmex PDC/Scan. If you are upgrading from a version previous to 17.09, please take the extra steps described here: [Version 17.09](#). The steps of a version upgrade are identical to a [new installation](#).

If you would like to uninstall the 32-bit DI API when upgrading to the 64-bit Service Broker, it is advised to uninstall both the 32-bit and the 64-bit DI API and then install the 64-bit DI API again because on certain SBO versions the uninstallation of the 32-bit DI API can cause issues for the 64-bit DI API.

4.3. Server Module

The steps of the version upgrade for the server module are identical to a [new installation](#).

4.4. Produmex PDC Processor

The steps of the version upgrade for the PDC Processor are identical to a [new installation](#).

4.5. Produmex PDC client

The steps of the version upgrade for the PDC Client are identical to a [new installation](#). If you are upgrading from a version higher than 17.09, it is not required to uninstall the current version before starting the upgrade.

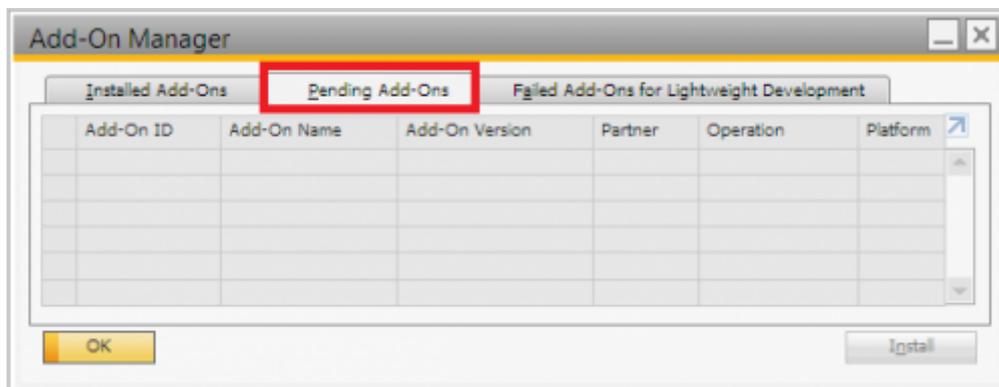
5. Adding a new database to an existing installation

1. Assign the Produmex Manufacturing Add-On to the database.
2. Start the add-on and run the [database setup](#). *When working on a MSSQL environment, create a database backup before starting the database upgrade.*
3. Open Produmex Service Manager. Click on the 'Setup Companies' button and add the database. Then click on the 'Companies' button and enable the company. For more information please see: [Produmex Service Manager](#)
4. Run the [configurator for Produmex PDC](#). On the General tab, select the database from the list of databases and click OK.

6. Troubleshooting

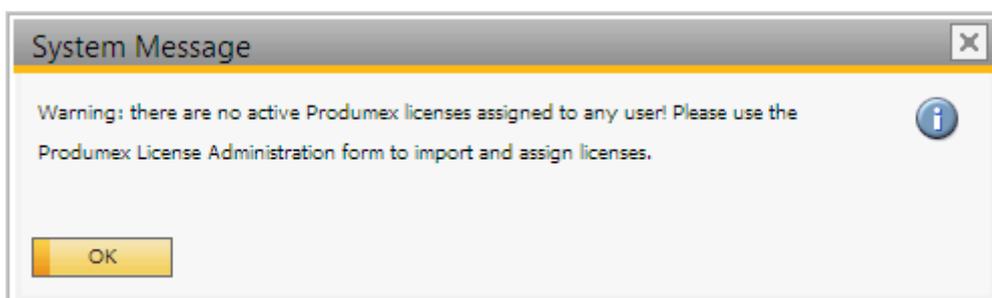
6.1. Failed installation

If installation fails for some reason, you usually find the add-on at the Pending add-ons tab, from where you can try the installation again. Select the line of the Produmex add-on, then click on the 'Install' button.



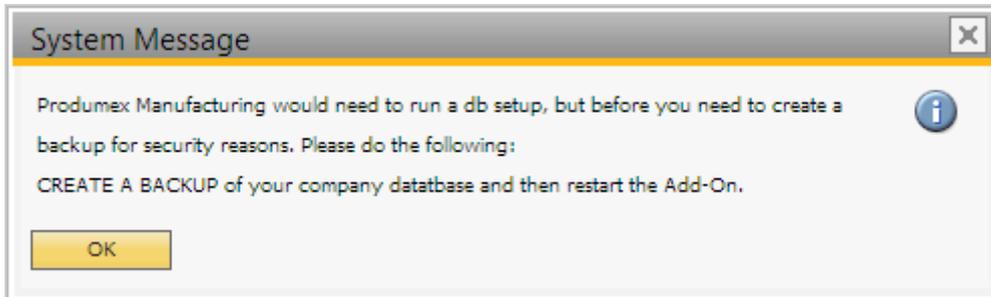
6.2. Getting a license

An active license is needed for running correctly this add-on. For more information about licensing please see: [Licensing System](#)

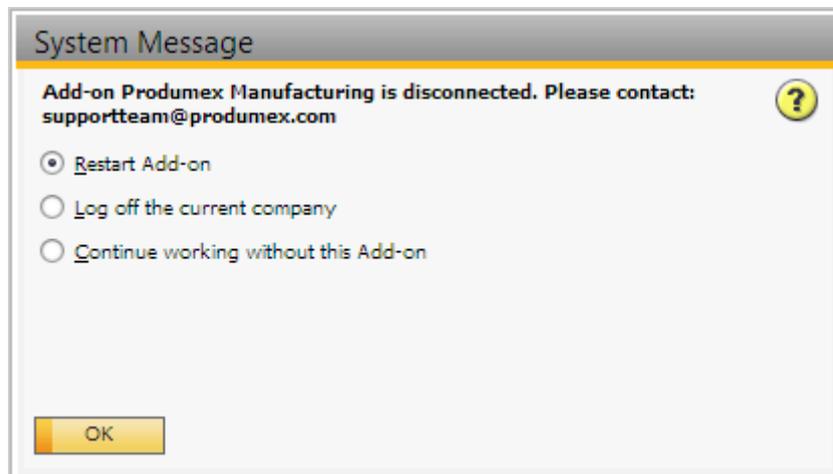


6.3. No backup detected

If the system detect that there is no backup, it will show this window:



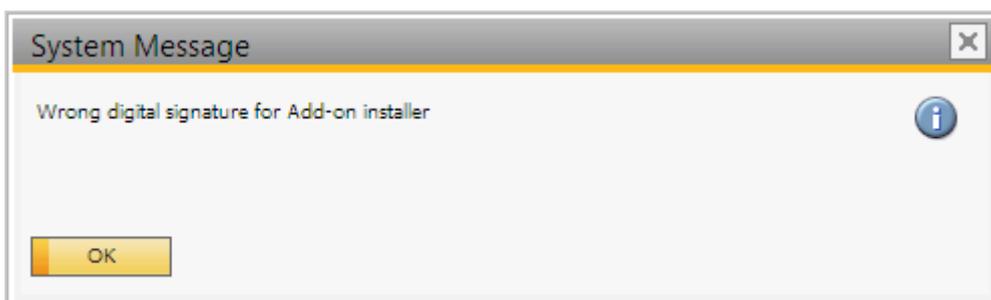
Press OK. As the add-on stopped, the system will ask you how you want to continue:



Choose the last option: Continue working without this Add-on, and then press OK. It will stop the add-on. To continue, back up the current customer database.

6.4. Wrong digital signature for Add-on installer

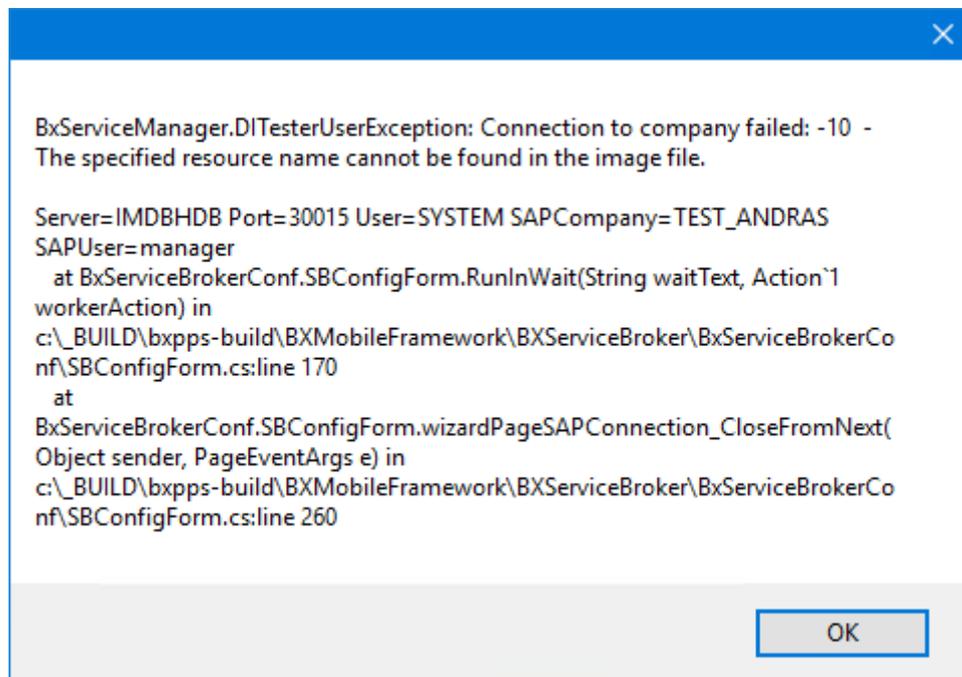
When starting the Prodemex Manufacturing add-on after the installation, the following error message appears: 'Wrong digital signature for Add-on installer'



The most likely cause for this issue is that the installation .exe file was corrupted during the extraction process. Extract the installation .zip folder again and start the installation afresh.

6.5. Connection to the company failed on HANA

During the installation of the Service Broker on HANA environment, the following error message appears after the default SAP company was specified:



It means that the connection cannot be established to the database server. Go back to the Database connection screen of the [Service Broker installer](#) and enter the name of the database server with the exact same format as it was defined during the installation of the SAP Business One client.

From:
<http://wiki.produmex.name/> -

Permanent link:
<http://wiki.produmex.name/doku.php?id=implementation:manufacturing:completeinstallguide> 

Last update: **2018/03/09 13:27**