

## SPC Manager 1.0.3. Install process for SQL 2012 and above

### Issue Description:

The SPC Manager 1.0.3 SQL script uses a compatibility level of 90. While this works with SQL version 2008R2, it does not deploy onto versions 2012 or above as these versions use compatibility levels greater than 90.

### Issue fix:

To resolve the issue, the installation must be completed over three separate steps.

1. Install the server and client applications
2. Install the database script manually
3. Adjust Database access rights for NT AUTHORITY\SYSTEM user

## Prerequisites Required:

- **SQL Management Studio** - SQL Management studio version equivalent to or greater than the SQL Server installed.
- **Updated SPCCommonDatabase script** – this must be obtained through Vanderbilt Support

## 1. Install the server and client applications

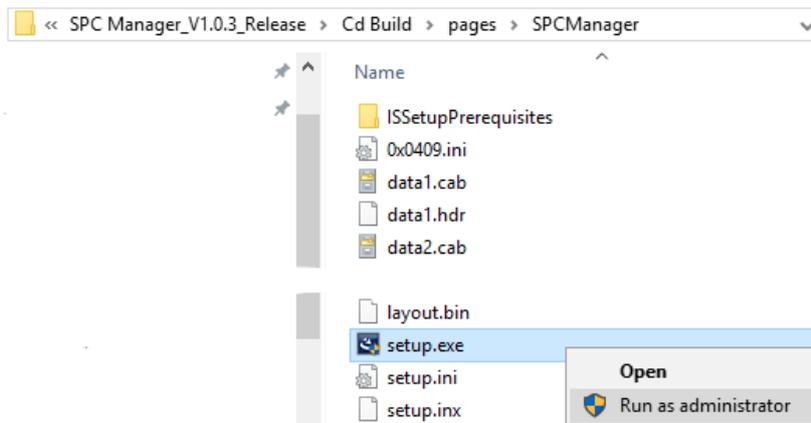


Fig 1.

Open the Install application and navigate to the SPC Manager directory. In there, run the setup.exe as administrator.

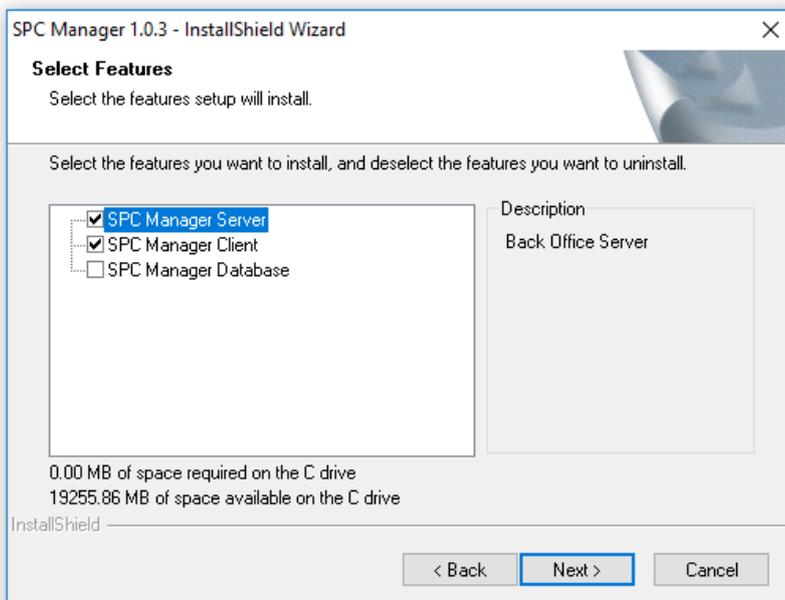


Fig 2

Select Custom Install and deselect the “SPC Manager Database” option as in Fig 2 above. Follow the onscreen instructions and click on “Finish” when the installation has been completed.

# SUPPORT INFORMATION

## 2. Install the database script manually

To install the Database script in any SQL version greater than 2008R2, please first contact Vanderbilt Support. We will supply you with a customer database script. Once you have received the updated script, open SQL management studio and deploy the script.

Note:

The script contains the default location of both the .mdf and .ldf files. These should be modified before deploying the script.

The default location depends on the version of SQL you are running.

For example, the default location within the SPCCCommonDatabase script is as follows:

```
C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\DATA\SPCCCommonDatabase.mdf
```

```
C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\DATA\SPCCCommonDatabase_log.ldf
```

Depending on the SQL version you are running, you will be required to amend the highlighted section in these 2 lines.

When completed you should have the database "SPCCCommonDatabase" and all associated tables. See Fig 3

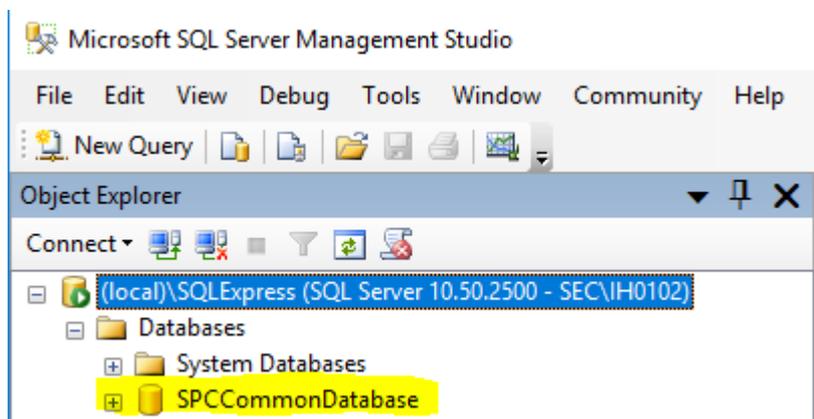


Fig 3

# SUPPORT INFORMATION

## 1. Adjust Database access rights for NT AUTHORITY\SYSTEM user

The SPC Manager Server Service is by default running in System User context. To make sure this User has full database access we recommend settings its membership to “db\_owner”.

Connect to your SQL Server instance and browse to:

**SPCCommonDatabase → Security → Users → NT AUTHORITY\SYSTEM**

Note:

If the user "NT AUTHORITY\SYSTEM" is not visible in your users list please add it manually. Right-click on “Users” → New User... → select User Type “Windows User” → click [...] next to the “User name” field → type “system” and click “Check Names” → SYSTEM should be displayed → click “OK” and check if the “User name” field contains “**NT AUTHORITY\SYSTEM**” → confirm with “OK”

Double click “NT AUTHORITY\SYSTEM” and select page “Membership”.  
Select Role “db\_owner” and confirm with “OK”

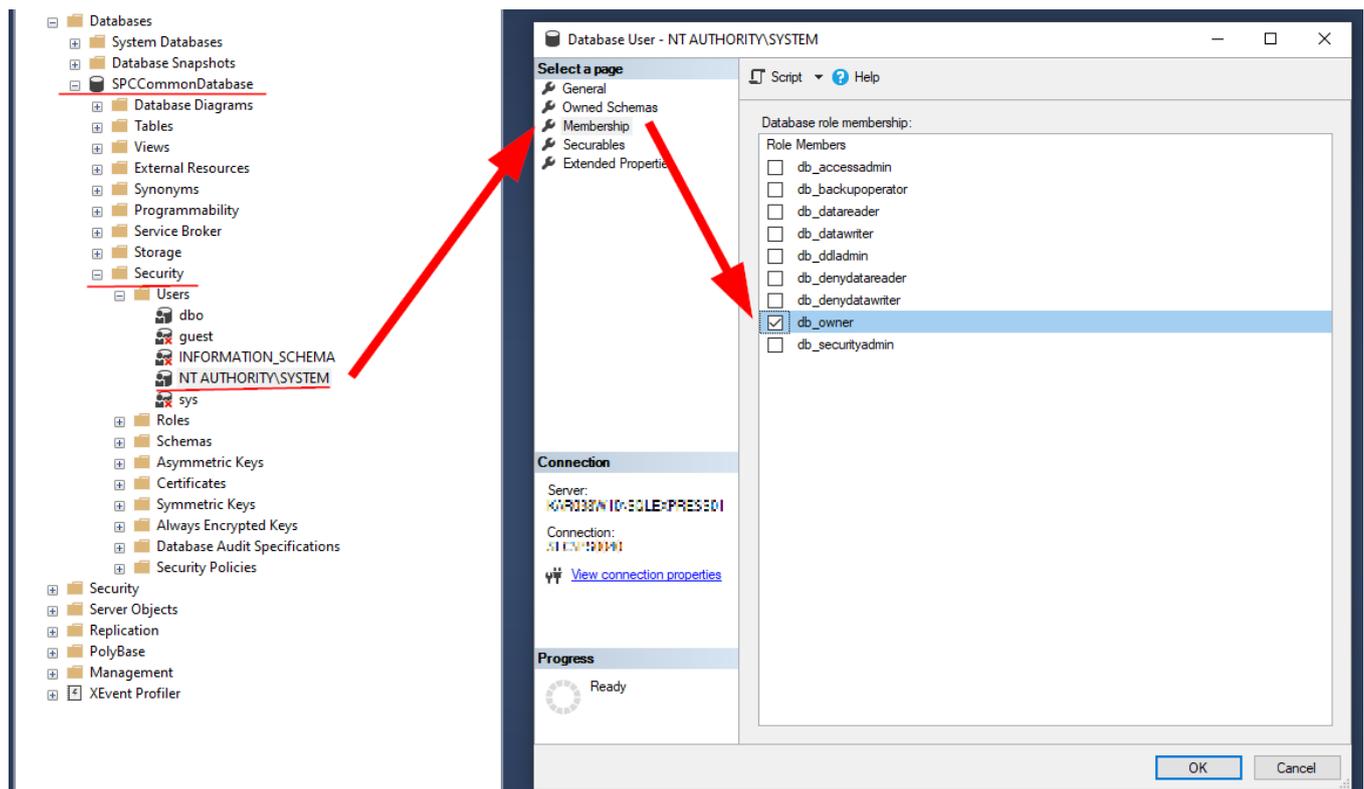


Fig 4

*Disclaimer: When manipulating any SQL database, always back up the full database before making any changes or running any scripts related to the DB. Vanderbilt will not be responsible for any loss of data or diminished performance to the SPC Manager application while carrying out the instructions contained in this document.*

# SUPPORT INFORMATION



If you have any questions, please contact our Technical Competence Centre.  
Contact details can be found on our website.

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