

furn plan

furnplan
Administration
Manual



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Content

1	furnplan - Fresh install.....	4
1.1.1	Proceedings.....	4
	Fresh install by download, using the FurnPlan Updater	5
2	Updating furnplan	8
2.1	Updating via download or DVD.....	8
2.1.1	Installation / Full update via DVD.....	8
2.1.2	Installation / Full update via the FurnPlan -updater	8
2.1.3	Incremental updates with the FurnPlan updater	9
3	furnplan installation.....	10
3.1	System prerequisites and requirements	11
3.2	Single Seat- or Client/Server- installation	12
3.2.1	Single seat installation	12
3.2.2	Client/Server requirements.....	15
3.2.3	Load- and processing- performance in a network environment.....	15
3.2.4	Standard Client/Server setup	17
4	furnplan migration	22
4.1	Moving an existing furnplan installation to another system	22
4.2	Changing the client setup, e.g. when changing hardware	22
4.2.1	Complete uninstall via default windows functionality.....	23
4.2.2	Manually uninstalling furnplan	23
4.2.3	Modifying the client installation via the default furnplan setup.....	24
4.2.4	Configuring local internet settings	26
4.2.5	Vital information regarding Windows 10 and MS server OS 2008R2 and 2012R2:	27
5	furnplan's Administrative level (Administration_FV).....	29
5.1	Starting the administration level(Admin Dialog).....	29
5.2	Tab „General“	30
5.3	Tab page „Configuration of the projectmanager“	32
5.4	Tab „User configuration“	34
5.5	Druckverwaltung / eigenes Logo einfügen / furnplan individualisieren	36
6	furnplan's branch management.....	37
6.1	Branch management.....	37
6.2	Access branch management	37
6.3	Configuring the central server.....	38
6.4	Configuring the branch server.....	39
6.5	Synchronizing branches	40
7	Calculation settings	41
7.1	furnplan calculation settings, fresh install.....	41
8	Support and contact.....	48
8.1	Support for issues relating to plannings.....	49
8.2	Support for technical problems.....	49
8.3	Remote Support.....	50

8.3.1	Starting remote support within FurnPlan	50
8.3.2	Starting remote support from the Windows start menu	50
8.3.3	Starting Remote Support over the internet	51
8.4	Address, mission and disclaimer	52

1 furnplan - Fresh install

Fresh install by DVD

A furnplan installation DVD can be ordered via the furnplan hotline if required.

Please consider the following before installing via DVD:

- The system prerequisites must be met (see 3.1 for more information on this subject)
- The DVD-ROM-player must support double layered (DL-) disks
- The DVD-ROM setup is much more time consuming than the downloadable setup
- The downloadable setup is always more up-to-date than the DVD version, due to the inherent time consumed in compiling and distributing the physical DVD.

1.1.1 Proceedings

1. Insert the furnplan installation DVD.
2. The windows autorun functionality might kick in once the DVD is inserted. Please do **not** use this functionality.

3. Navigate to the inserted DVD.

Name	Date modified	Type	Size
✓ Files Currently on the Disc (10)			
additional	3/18/2016 9:52 PM	File folder	
base	3/18/2016 9:52 PM	File folder	
data	3/18/2016 9:52 PM	File folder	
license	3/18/2016 9:52 PM	File folder	
manual	3/18/2016 9:52 PM	File folder	
setup	3/18/2016 9:52 PM	File folder	
autorun.inf	10/7/2013 10:59 AM	Setup Information	1 KB
FurnplanSetup.exe	4/16/2015 11:13 AM	Application	625 KB
icon.ico	10/7/2013 10:59 AM	Icon	103 KB
setup.ini	3/18/2016 9:52 PM	Configuration sett...	1 KB

4. **Right (!)**- click „FurnplanSetup.exe“. From the context menu, select “Run as administrator”.

✓ Files Currently on the Disc (10)			
additional	3/18/2016 9:52 PM	File folder	
base	3/18/2016 9:52 PM	File folder	
data	3/18/2016 9:52 PM	File folder	
license	3/18/2016 9:52 PM	File folder	
manual	3/18/2016 9:52 PM	File folder	
setup	3/18/2016 9:52 PM	File folder	
autorun.inf	10/7/2013 10:59 AM	Setup Information	1 KB
FurnplanSetup.exe	4/16/2015 11:13 AM	Application	625 KB
icon.i			103 KB
setup.			1 KB

Open

Run as administrator

5. Select the applicable language. Confirm by clicking „OK“.
6. Please end all running applications when executing the furnplan setup procedure. Click “Next”.
7. Please accept the license agreement. Click “Next”.
8. Select the befitting installation from the options listed below. Then click “Next”.
 - a. Single seat installation (Full install): Well suited for single workstations and e.g. notebooks used for visiting customers on location. All future updates, however, must be carried out individually, on every single workstation.
 - b. Networkinstallation (Server): A serverside installation is recommended in all cases where furnplan is implemented on several workstations on the same location. Only the central server will be targeted during all future updates. The project data generated by all workstations will also be saved on this central server.

After successfully implementing the serverside installation, we recommend the implementation of a second, single seat installation on the same server, as described in 8.a.

The only differences between the serverside and single seat- installations are the registry values written during installation. Please consult Client/Server-installation for more information.
 - c. Networkinstallation (Client): This setup must be executed once, and one time only, on every workstation acting as a client for the 8.b serverside installation. Please consult Client/Server-installation for more information.
 - d. User defined installation: This type of installation enables you to customize the shortcuts and component packages. A thorough understanding of the technical complexity of furnplan is required for this type of installation.
9. Select the furnplan installation path. „C:\Program Files (x86)\FurnPlan“ is set as the default installation path. **Please note:** In case of a **client side installation**, the **server side path configuration** should be entered.
10. The setup generates default entries for the windows start menu. Click “Next”.
11. The setup files are extracted. Depending on workstation and manufacturer(s), this procedure might consume both considerable time and computer resources.
12. Click „Finish“ after successful installation. furnplan can be started from the generated shortcut on the desktop.

Fresh install by download, using the FurnPlan Updater

1. The following components are needed to successfully download FurnPlan:
2.
 - a. The FurnPlan Updater, a tool for downloading furnplan,
 - b. Access data, consisting of customer number, user name and password.

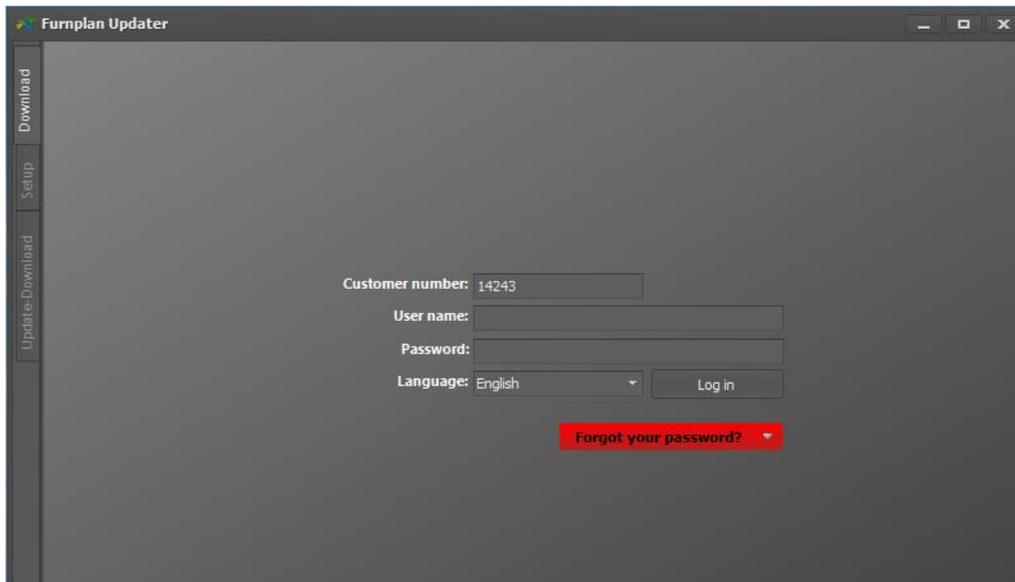
Please note:

The furnplan hotline gladly provides you with the necessary keys in case of lost access data. With pleasure we will send you your credentials to the email address linked to your customer number.

The furnplan downloader can be downloaded from the following location:

<http://furnplan.dh-software.de/updater/index.html>

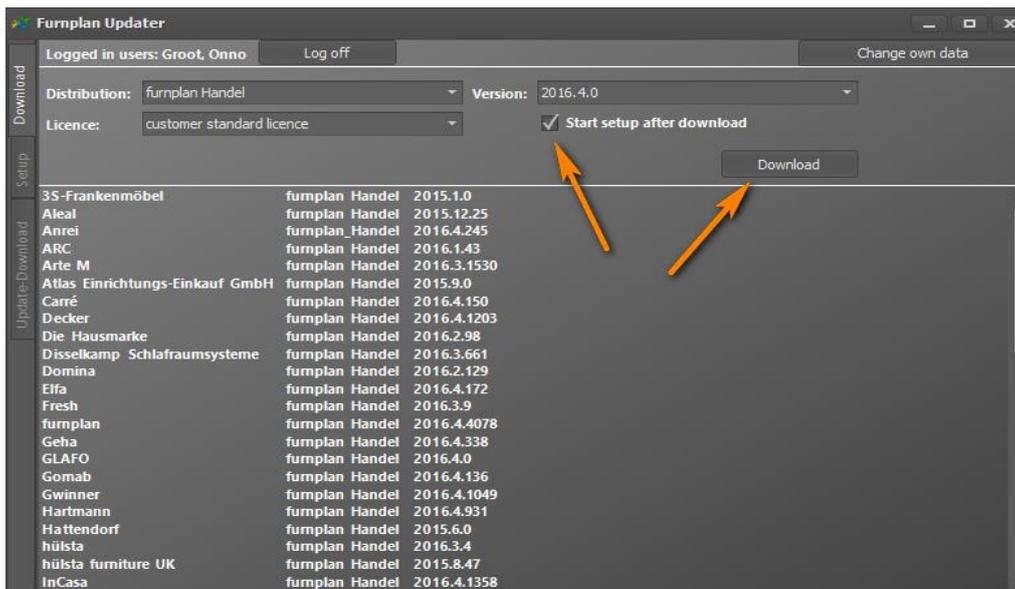
3. Please execute the furnplan downloader as administrator.
4. The FurnPlan Updater is accessible under Start-(All Apps) Programs-Furnplan-FurnPlan-Updater. The following screen will be loaded:



5. Please enter your credentials and click the „Log in“-button.

Please note:

The furnplan hotline will provide you with the necessary keys in case of lost access data. We gladly send you the credentials to the email address linked to your customer number.



6. In most cases, the choices are pre-set and limited. Select “Download”. The updater starts downloading the most recent furnplan installation on your system.

- a. Automated installation: If the tick box „Start setup after download“ is checked, the setup routine is executed directly after download. **Attention:** Although the setup routine is started automatically, you still have to interact with the setup-dialogs interactively. If no interaction takes place, windows automatically closes the setup routine after approx. two minutes. The setup routine must then be continued manually.
 - b. Manual installation: Load the tab page marked „Setup“ on the left side of the screen. Select the applicable version. Click on “Install”.
7. Select the setup language. Confirm by clicking „OK“.
8. End all applications before installing furnplan. Click „Next“.
9. Please accept the license agreement. Click “Next”.
10. Select the befitting installation out of the options listed below. Then click “Next”.
 - a. **Single seat installation** (Full install): Well suited for single workstations and e.g. notebooks used for visiting customers on location. All future updates, however, must be carried out individually, on every single workstation.
 - b. **Networkinstallation (Server):** Network installation (Server): A server side installation is recommended in all cases where furnplan is implemented on several workstations on the same location. Only the central server will be targeted during all future updates. The project data generated by all workstations will also be saved on this central server. After successfully implementing the serverside installation, we recommend the implementation of a second, single seat installation on the same server, as described in 8.a. The only differences between the serverside and single seat- installations are the registry values written during installation. Please consult Client/Server-installation for more information.
 - c. **Networkinstallation (Client):** This setup must be executed only once, and one time only, on every workstation acting as a client for the 8.b serverside installation. Please refer to Client/Server-installation for more information.
 - d. **User defined installation:** This type of installation enables you to customize the shortcuts and component packages. A thorough understanding of the technical complexity of furnplan is required for this type of installation.
11. Select the furnplan installation path. „C:\Program Files (x86)\FurnPlan“ is set as the default installation path. **Please note:** In case of a **client side** installation, the **server side path configuration** should be entered.
12. The setup generates default entries for the windows start menu. Click “Next”.
13. The setup files are extracted. Depending on workstation and manufacturer(s), this procedure might consume both considerable time and computer resources.
14. Click „Finish“ after successful installation. furnplan can be started from the generated shortcut on the desktop.

2 Updating furnplan

2.1 Updating via download or DVD

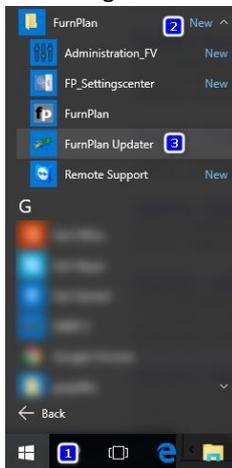
2.1.1 Installation / Full update via DVD

Every reseller is entitled to receive a DVD, containing an installation of their individual furnplan configuration, once per month.

2.1.2 Installation / Full update via the FurnPlan -updater

The FurnPlan Updater is a tool for downloading your individual furnplan version from our secure servers. Please follow the following procedure:

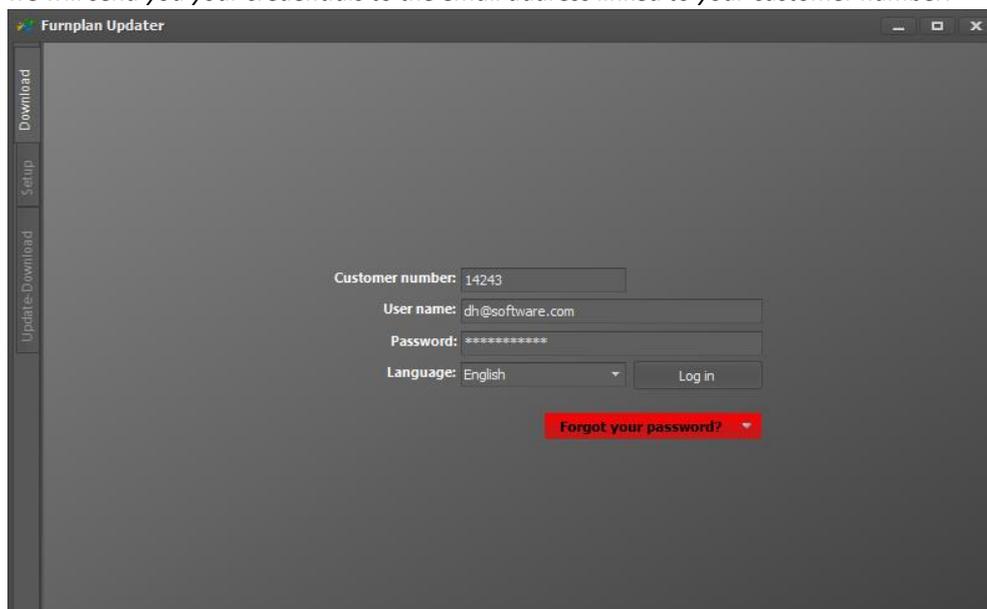
1. Navigate to the FurnPlan Updater (Start (1) → All Apps → FurnPlan (2) → FurnPlan Updater (3))



2. Enter the credentials provided by the furnplan hotline.

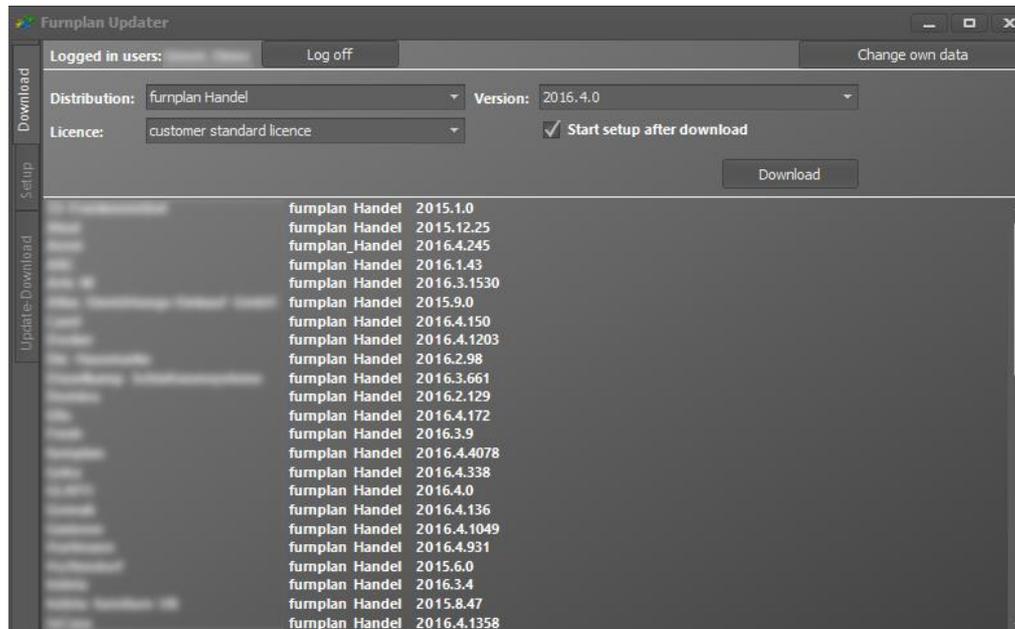
Please note:

The furnplan hotline gladly provides you with the necessary keys in case of lost access data. With pleasure we will send you your credentials to the email address linked to your customer number.



3. A screen like the one below is loaded after a successful login. The available manufacturers are listed. The dropdown listbox „Version“ enables you to download previous packages. The most recent version is selected by default.

Click “Download” to start the transfer. The Setup assistant is started automatically after the transfer in case “Start setup after download” is checked.



Please note:

Windows will be closing the Setup- assistant after approx. one minute in the following cases:

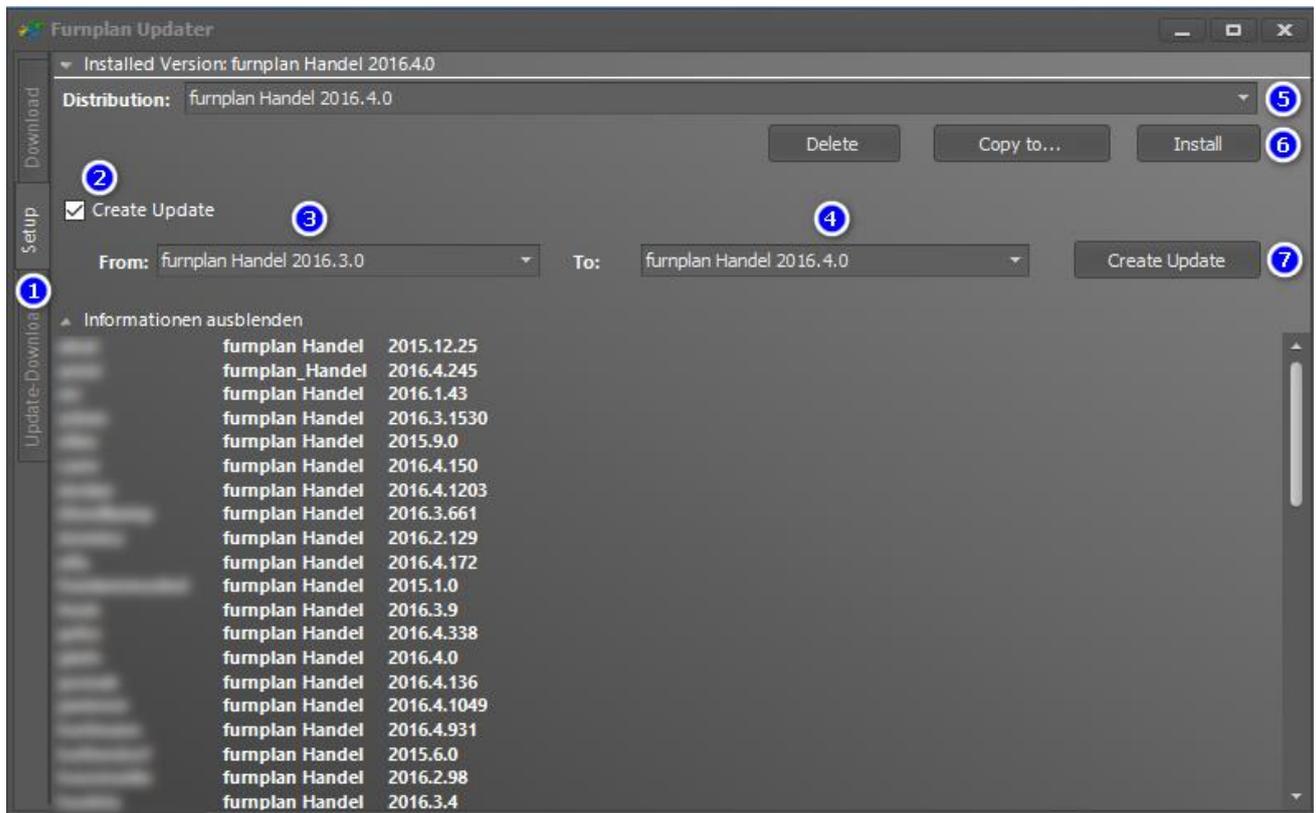
- The windows user account functionality is enabled, or
- You have not logged in as administrator.

Should this be the case, please select the tab „Setup“, then select the downloaded distribution (version) and click „Install“.

2.1.3 Incremental updates with the FurnPlan updater

The incremental updater is a built-in feature of furnplan. Programs and data are skipped when already installed. Incremental setups considerably reduce the workload for both the downloader and the installer.

1. Select „Setup“ on the left tab page(1)
2. Check „Create update“ (2)
3. Select the installed version in the „From:“- dropdown-listbox (3)
4. Select the desired version in the „To:“- dropdown-listbox (4)
5. Click „Create Update“ (7)



Having downloaded the updates, the setup can be executed by selecting the distribution concerned (5) followed by clicking the install button (6).

Please note:

Always go for the full installation if you have just added a new manufacturer to your palette.

3 furnplan installation

Please note:

Please execute the first and initial setup of furnplan as administrator. Administrative rights are needed for the operating system to install, among others, the following components:

- Microsoft Visual C++ 2005 Redistributable
- Microsoft Visual C++ 2008 Redistributable – x86
- Microsoft Visual C++ 2010 x86 Redistributable
- Microsoft Visual C++ 2012 Redistributable (x86)
- Microsoft .Net Framework 2.0
- Microsoft DirectX 9c

The complete list of all the required components can be viewed on:

<http://furnplan.dh-software.de/components/index.html>

Attention:

During installation, please turn off any anti-virus program. furnplan uses embedded Javascript and ActiveX functionality. Anti-viral functionality might perceive this functionality as a threat, and preventing furnplan to install correctly. Within your anti-virus program, please mark furnplan and its installation path as trusted.

3.1 System prerequisites and requirements

A **real-time 3D-application** like furnplan requires proper video hardware. The minimum prerequisites and requirements can be retrieved from:

<http://furnplan.dh-software.de/manuals/index.html>

furnplan is only available as a windows based application.

Onboard video: Integrated onboard- or OnDIE-(GPU)-video solutions like INTEL Express Chipsets are not officially supported. Please make sure that furnplan is processed by supported video cards, especially when both supported- and un-supported video hardware are installed on the same system.

Terminal server and virtual servers: furnplan can be implemented in such a way that the core of the server, the Central Processing Unit (or CPU), is taking over the calculations for the 3D images. This implementation is called terminal server-mode or TS-mode.

The upside is the reduction of the workload for the Graphics Processing Unit (or GPU) on the display adapter.

The downside is the quality of the produced imagery.

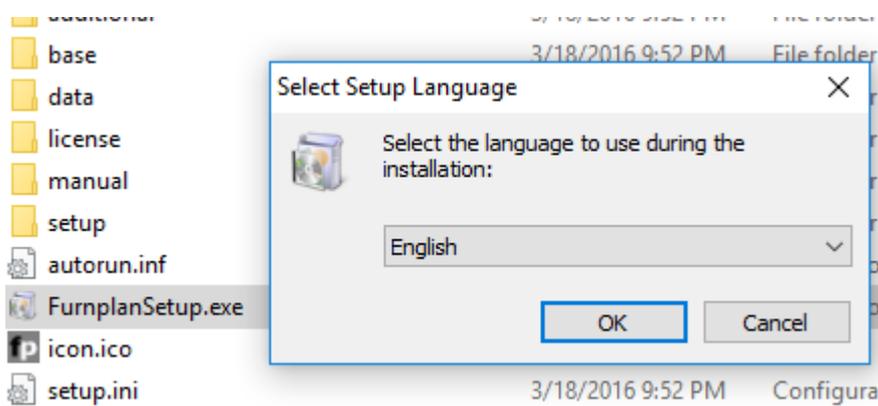
No general advice can be given. Deciding whether or not to implement furnplan in TS-mode depends greatly on the individual IT environment. Please consult your local IT professional for advice on this matter.

3.2 Single Seat- or Client/Server- installation

furnplan can be configured as either single seat- or as client/server- installation. The setup can either be obtained as DVD or as download. The specifics of both options are listed below.

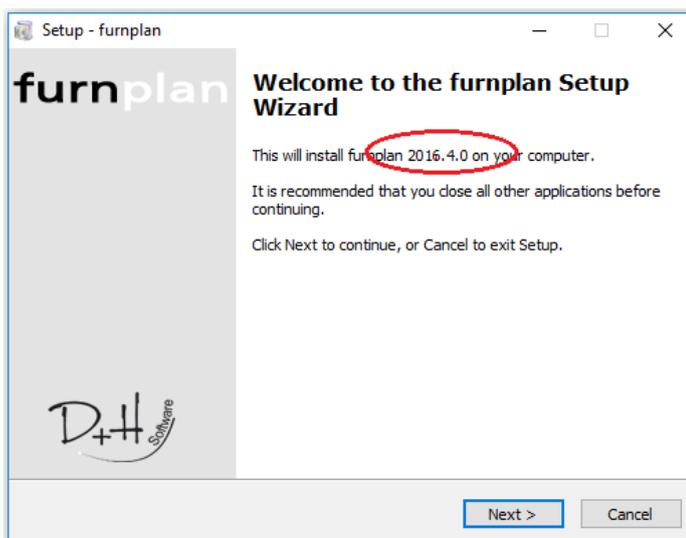
3.2.1 Single seat installation

1. Please make sure you have administrative rights on the PC you run the furnplan setup on.
2. Double click FurnPlanSetup.exe on DVD or on the setup files downloaded by the furnplan-Updater.
3. Select the preferred language.



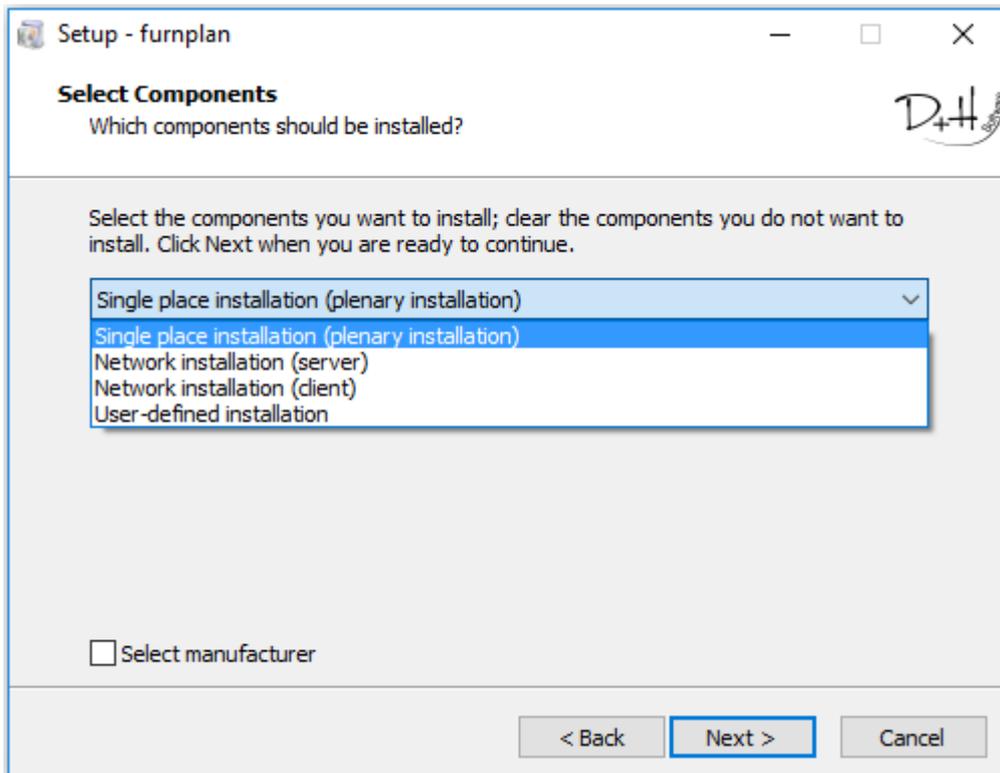
4. Next, the setup version is shown. The setup number consists of respectively the year number, month number and release counter of that month. So, version 2016.04.0 depicts the first release in april in the year 2016.

Attention: During a **fresh install**, please close all applications, including the virus scanner, during the initial furnplan setup. If an **existing** furnplan installation is merely updated, only furnplan related applications need to close, such as the furnplan Admin-dialog, the furnplan updater or furnplan itself.

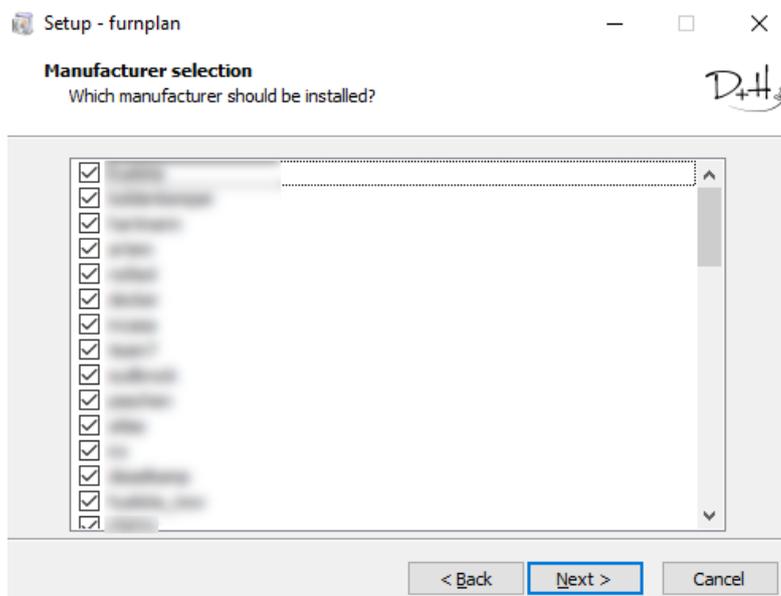


5. Please accept the license agreement and click on the "Next" button.

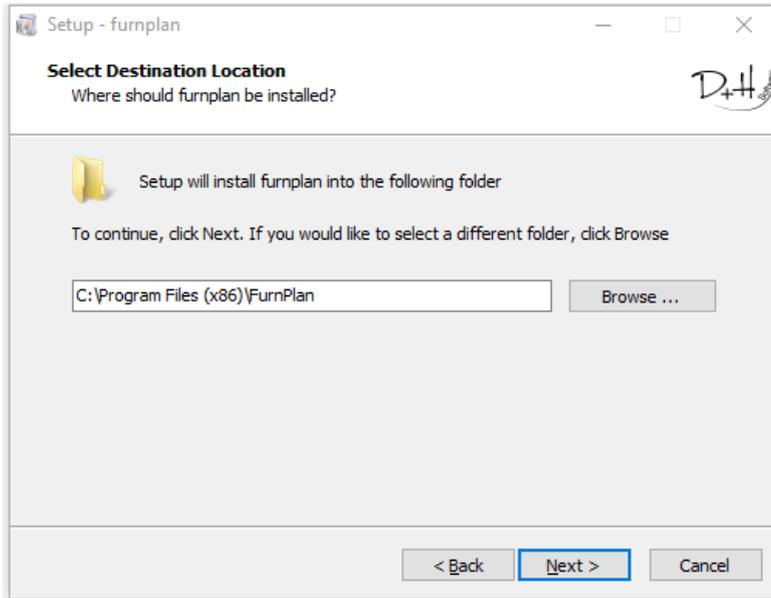
- Please select the plenary installation. By default, the manufacturer belonging to your palette will be installed automatically.



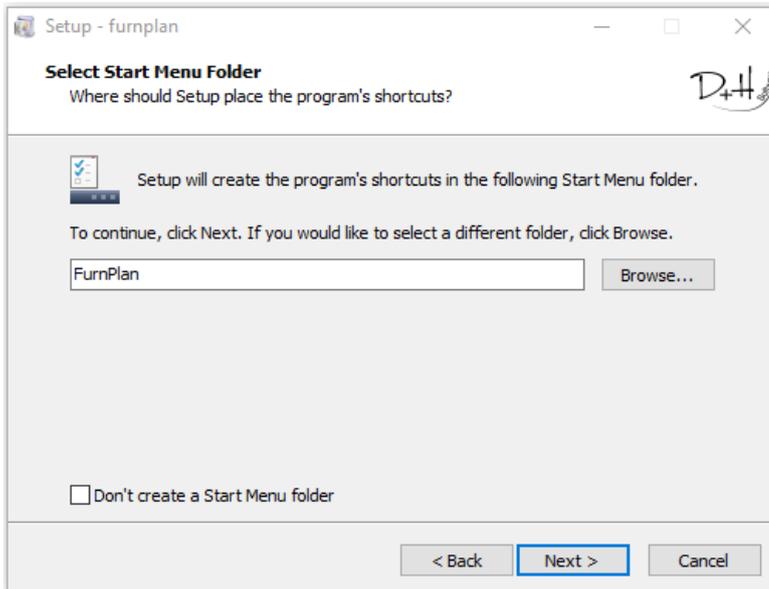
If you wish to make a sub-selection of the manufacturers belonging to your palette, please tick the checkbox “select manufacturer” and continue



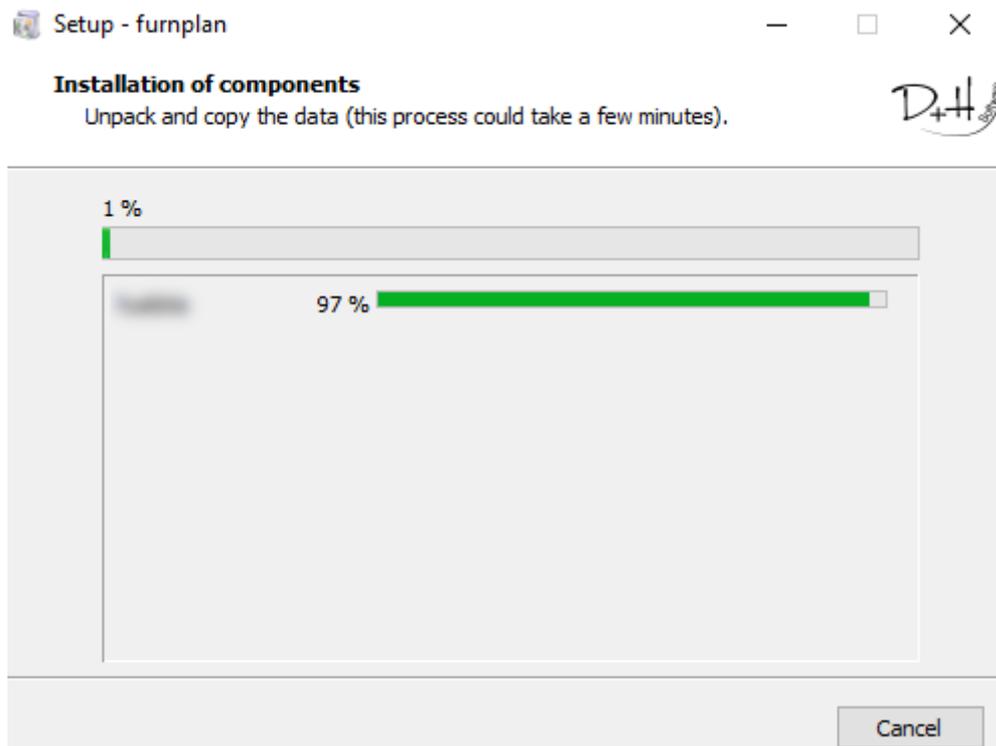
- Select destination and continue.



8. Next, furnplan enables you to either:
- Set the shortcuts, or
 - To prevent the creation of shortcuts on your system by ticking the checkbox „Don't create a Start Menu folder“



9. The required components are extracted and installed.



3.2.2 Client/Server requirements

A furnplan Client/Server installation generally only needs one fileserver. Mass storage devices such as NAS-servers are neither recommended nor supported by furnplan.

On servers operating on a Windows operating system, furnplan recommends a full single seat installation next to the existing Client/Server installation.

With a furnplan Client/Server installation, the workstation is able to perform tasks, typically prohibited to servers, such as:

- Starting furnplan from the server,
- Checking the furnplan- configuration
- Running the administration dialog

Attention:

Read/write- permissions should be granted for the **installation folder**.

Furthermore, **all clients** need to have **read/write permissions** granted for the **projects-folder**.

Please execute all **furnplan installations** as **administrator**.

Default prerequisites and system requirements -server installation

- OS: Windows Server 2003 or higher
- Disk space >= 10GB
- Memory >= 8GB RAM

3.2.3 Load- and processing- performance in a network environment

The performance of furnplan in a client/server environment depends significantly on the following factors:

- **Infrastructure:**

The network should both be sufficiently fast and sufficiently powered up. A flaw in e.g. power supply or data transfer might result in sudden crashes, slow throughput, or even hardware failure.
- **Repository:**

Repositories are used intensively by furnplan. All clients in a client/server setup will, by default, read and write data from the same disk on the same server.

Disks in a client/server setup should therefore be swift and reliable. furnplan recommends Solid State- (or SSD-) drives to maximize performance.
- **Projects:**

Remove obsolete plannings from the project manager.

When starting furnplan from the client, all plannings will be transferred from the server to the project manager on the client. Non-relevant, obsolete plannings can easily be included.

The time needed for furnplan to start up is proportional to size and quantity of the projects.

Keep furnplan responsive. Remove old and unnecessary plannings from the project manager on a regular basis.
- **Video adapter:**

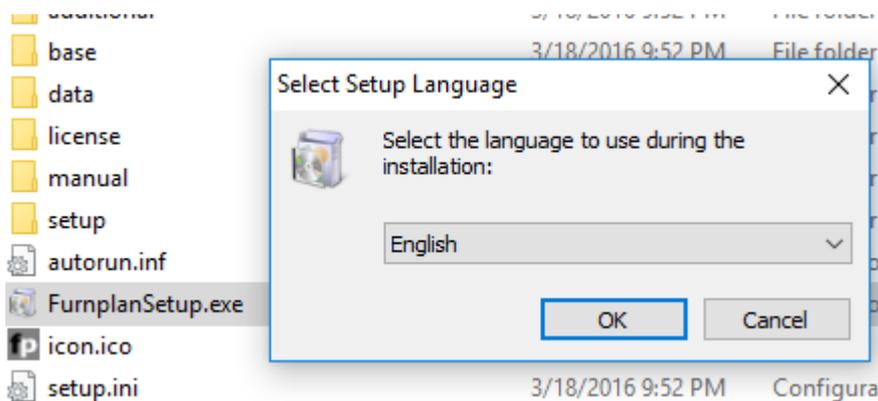
Real time 3D graphic calculations rely on well performing video cards.

Speed and image quality are significantly dependent on the quality of this hardware.

Please consult furnplan's system requirements and prerequisites on this matter.

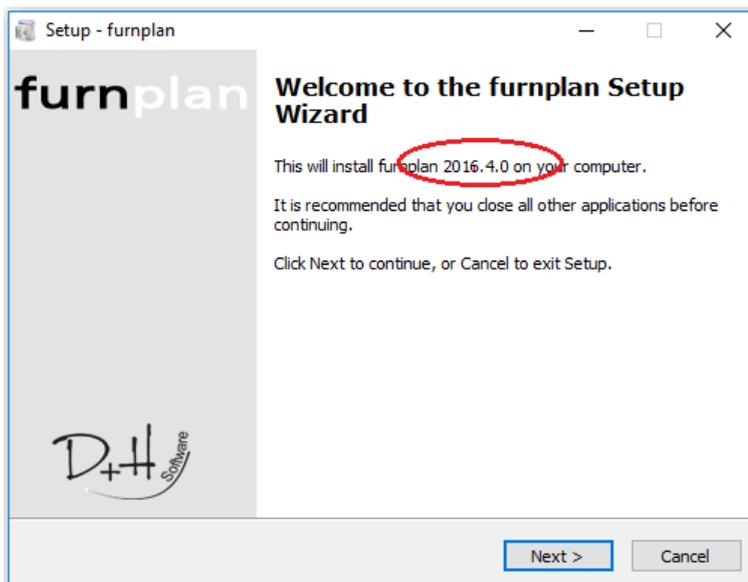
3.2.4 Standard Client/Server setup

1. Please make sure you have administrative rights before you start.
2. Execute the server installation either directly from the server, or via a client. To save time, furnplan recommends to start the setup directly from the server.
3. Double click FurnPlanSetup.exe on DVD or on the setup files downloaded by the furnplan-Updater.
4. Select the preferred language.

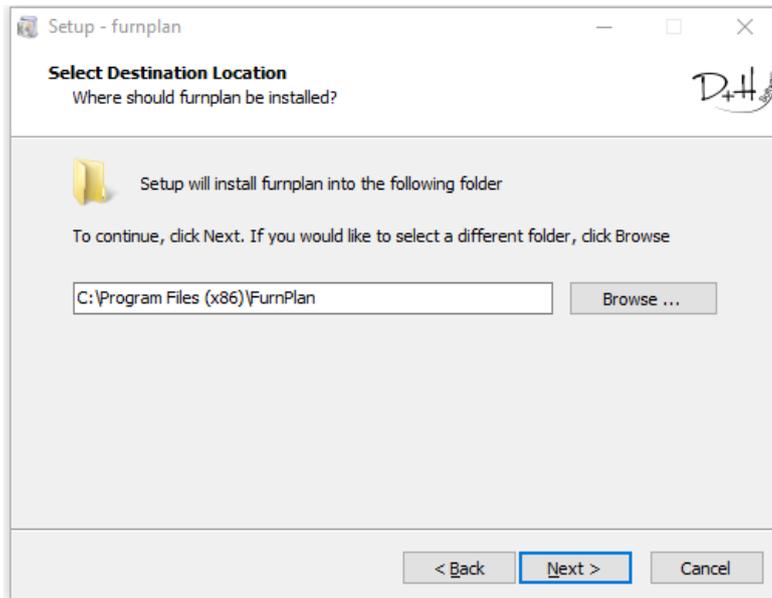


5. Next, the setup version is shown. The setup number consists of respectively the year number, month number, and release counter of that month. So, version 2016.04.0 depicts the first release in april in the year 2016.

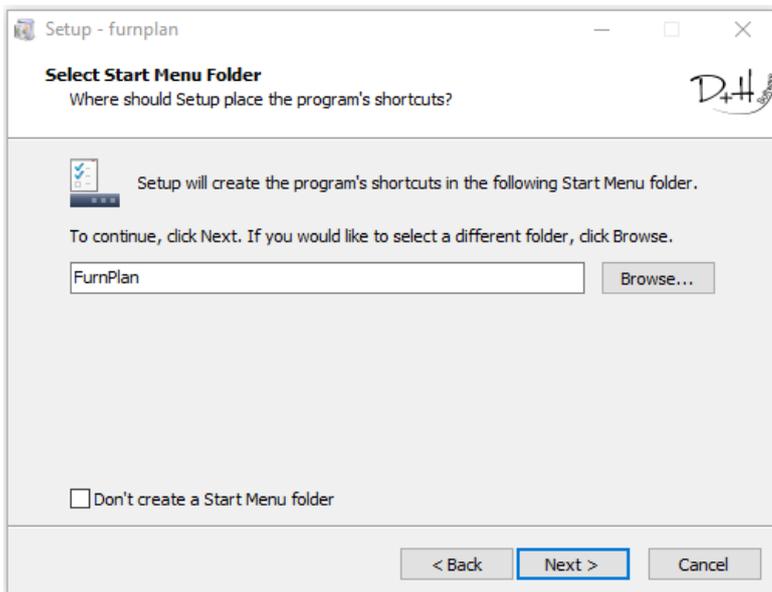
Attention: During a **fresh install**, please close all applications, including the virus scanner, during the initial furnplan setup. If an **existing** furnPlan installation is merely updated, only furnplan related applications need to close, such as the furnplan Admin-dialog, the furnplan updater or furnplan itself.



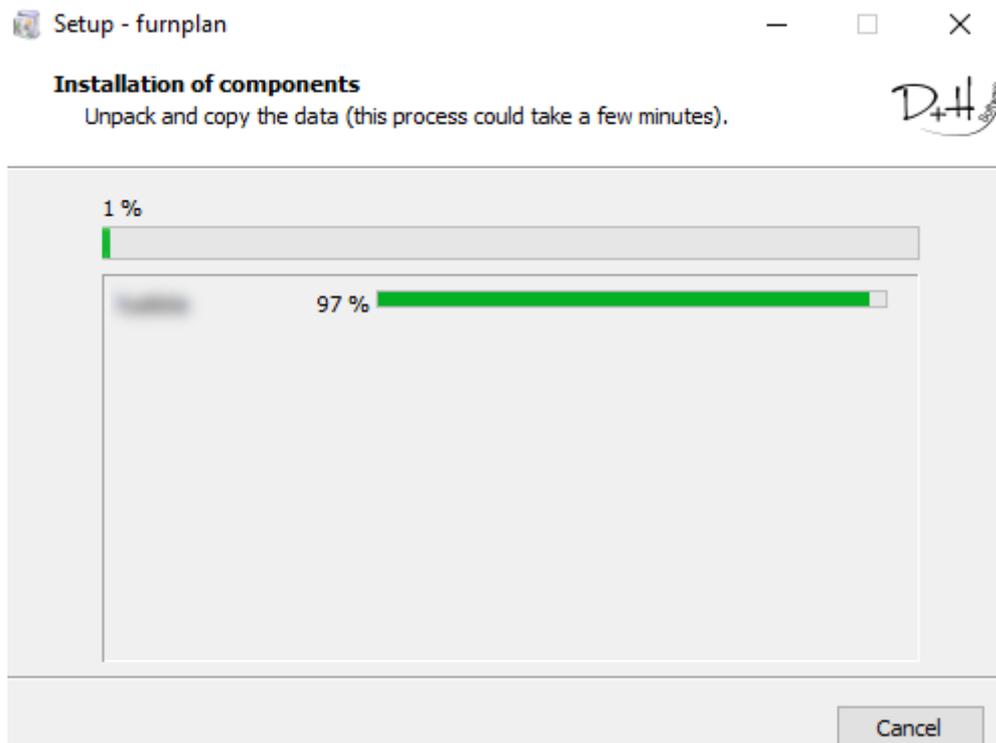
8. Select destination and continue.



9. Next, furnplan enables you to either:
- Set the shortcuts, or
 - To prevent the creation of shortcuts on your system by ticking the checkbox „Don't create a Start Menu folder“

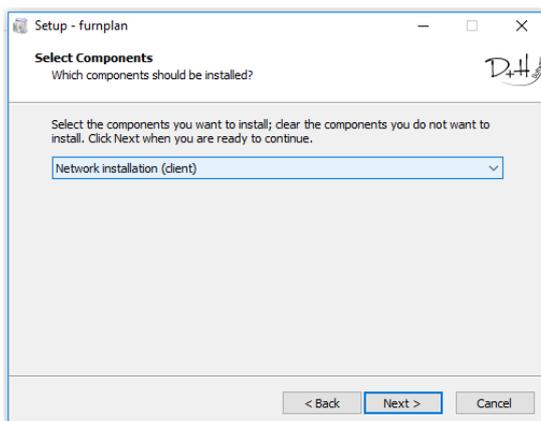


10. The required server side components are extracted and installed.

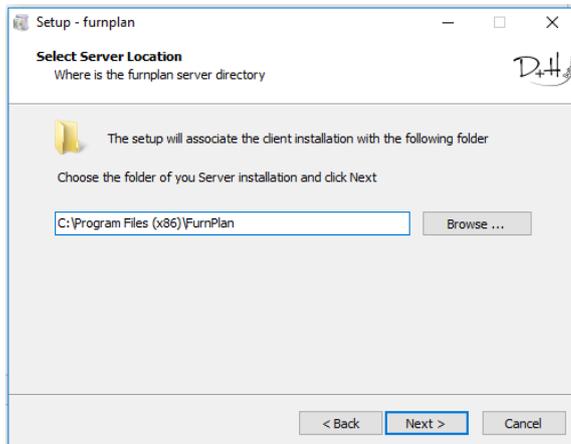


11. The setup of the network clients follow the same steps as server installation, with the following differences:

a. The client network installation type

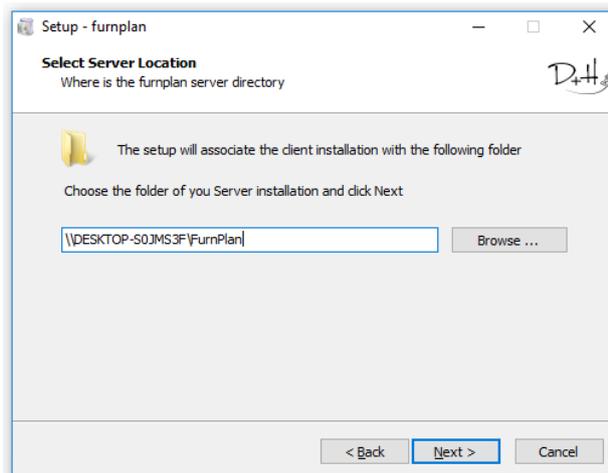


b. The selection of the furnplan server installation path - should be identical to the path used for the server installation.



The path can be formatted either as

- a. Uniform Naming Convention (or UNC): network path, formatted as e.g. [\\myserver\furnplan](#)



- b. Mapped drive: drive letter, representing a network path, e.g. "F")

Click on „Browse“ to navigate to the server installation concerned, or type in the path directly.

Please note:

User rights and shared folders should be set correctly on both the server and on the individual workstations:

- *All furnplan clients should have granted read/write access to the projects folder on the server*
- *All furnplan clients should have granted read rights to all of the other folders in the furnplan installation*
- *Windows makes a difference between shares and rights set on a local level and on domain level*
- *Windows evaluates paths represented in UNC differently than paths represented as mapped drives. A mapped drive, for instance, always refers to a specific user. User "A" and "B" can both have drive "F" defined on their systems. These drives could, however, point to different locations on the same network.*

4 furnplan migration

4.1 Moving an existing furnplan installation to another system

Name	Änderungsdatum	Typ	Größe
AdminHtml	22.05.2014 15:54	Dateiordner	
interface	26.09.2013 10:12	Dateiordner	
manufacturer	24.06.2014 13:30	Dateiordner	
projects	07.07.2014 11:36	Dateiordner	
setup	24.06.2014 12:41	Dateiordner	

1. Backup the projects folder on the server (default path: C:\Program Files (x86)\FurnPlan\projects\).



2. All relevant individual parameters, settings and objects are residing in the project folder, such as prices, plannings, images, etc.
3. On the new server, create identical folders on identical paths. Extract the contents from the saved folder to the newly created, empty projects folder.
4. **With the exception of index.idx**, delete all index files with the extension *.idx within these two folders:
 - .\FurnPlan\projects\8a41c7f8\
 - .\FurnPlan\projects\plannings_deleted\ ab0bda19\New index files will be generated automatically once furnplan is loaded.
5. On the newly configured server, follow the usual furnplan update routine. Select the newly created furnplan installation path while updating. furnplan will not overwrite the projects folder. All relevant individual parameters, settings and objects from the old installation will have migrated to the new installation. In order to start furnplan on the server directly, a second, single seat installation must be carried out on that server.

4.2 Changing the client setup, e.g. when changing hardware

Migrating furnplan clients usually is uncomplicated, provided the exact path structure is copied. Failure loading the client's project manager, or failure locating furnplan.exe, is usually caused by faulty path entries in the registry.

The same goes for the migration from a single seat configuration to a client/server configuration.

Extreme caution should be taken when editing registry values directly.

There are several options changing a client installation:

Attention:

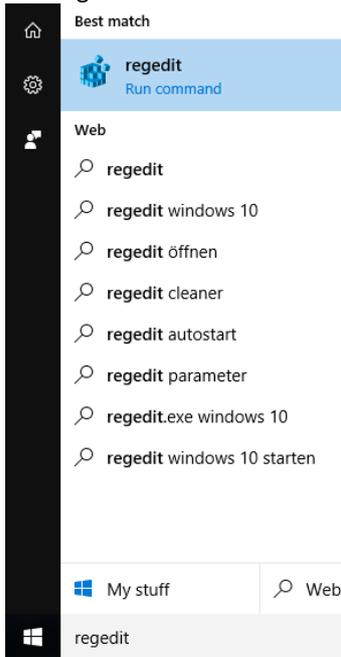
Backup plannings and settings in the `.\FurnPlan\projects\` folder before changing the setup.

4.2.1 Complete uninstall via default windows functionality.

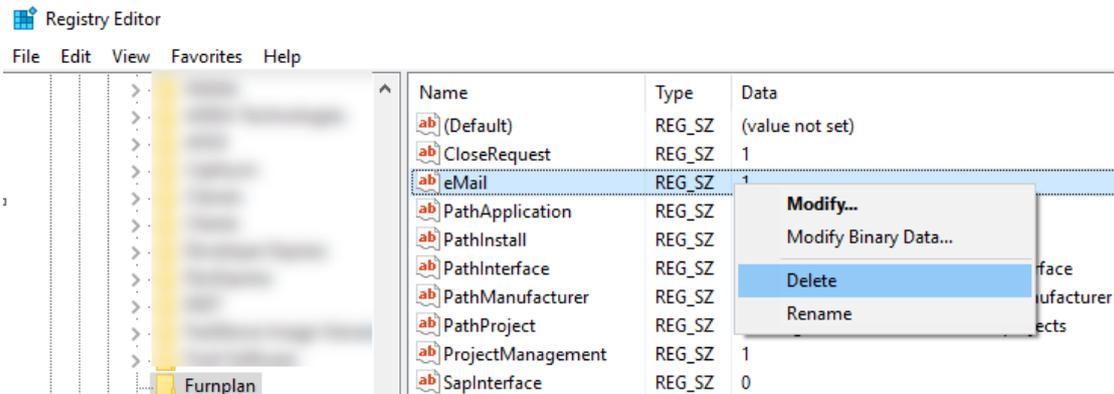
The default windows de-installation routine is known to occasionally fail to remove certain files. furnplan therefore recommends the manual removal of the application.

4.2.2 Manually uninstalling furnplan

1. Run regedit.exe over the console as administrator



2. Delete all furnplan entries under:
HKEY_CURRENT_USER\Software\Furnplan
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Furnplan
(On a 32Bit OS, Wow6432Node is not part of the path directive)



3. Delete the entries from the menu (right mouse click – delete)
4. Delete the entire furnplan folder and its subdirectories (C:\Programme (x86)\FurnPlan by default)

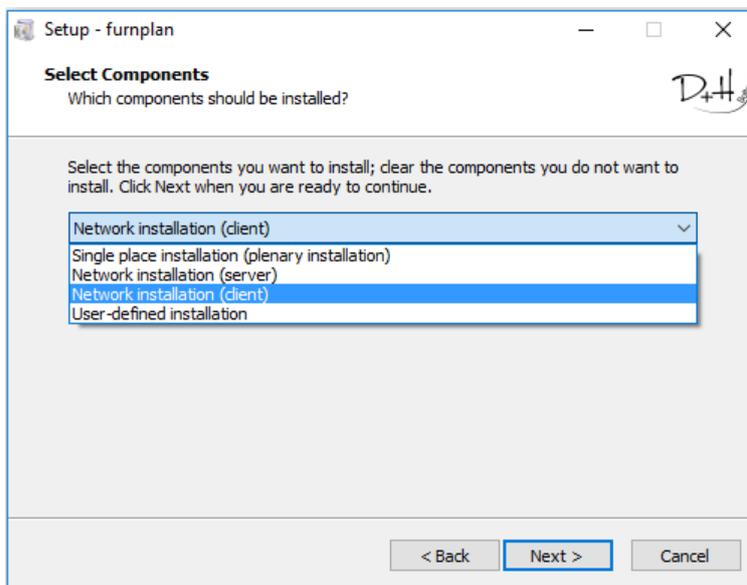
4.2.3 Modifying the client installation via the default furnplan setup

A client setup is writing local settings on the system. This includes the location to furnplan.exe from the start menu, and path directives to folders containing settings and plannings.

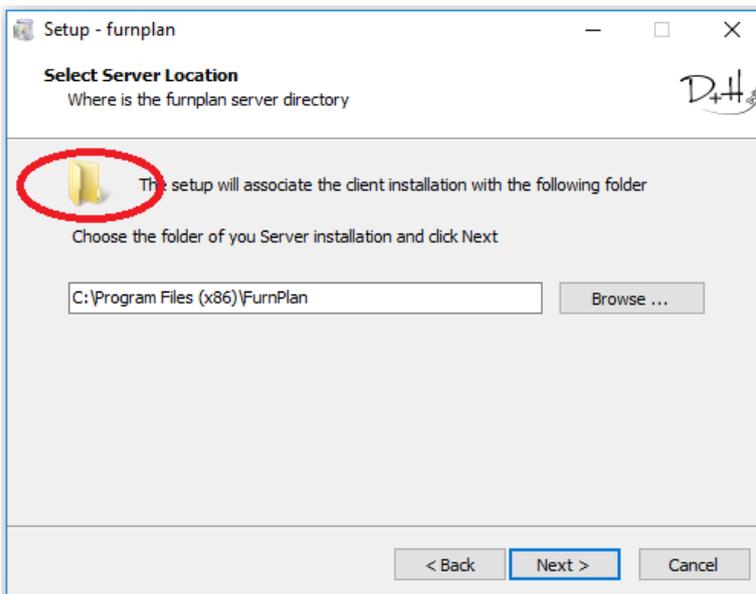
With a fresh client install, all program paths are newly written. The path to the project folder, however, does not change automatically when migrating.

The project folder contains all individual data, such as images, calculations and plannings.

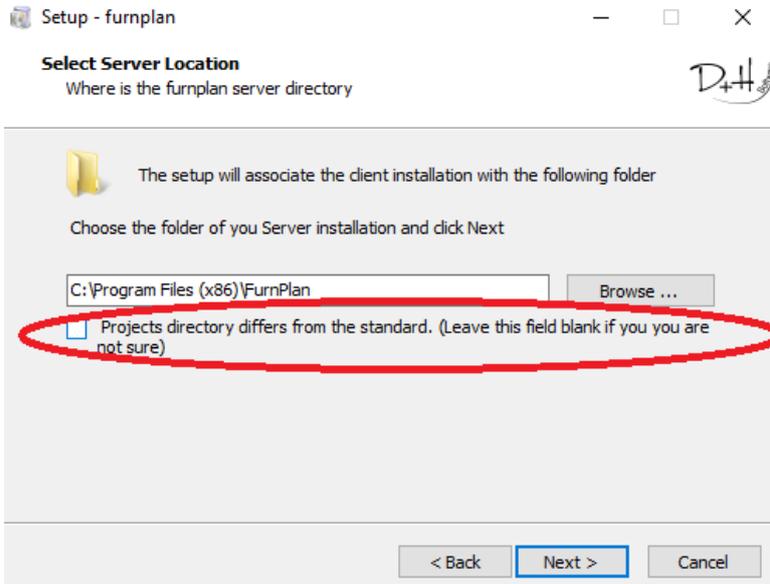
1. Start the furnplan setup on the client workstation.
2. Select „Network installation (client)“ when asked what components should be installed.



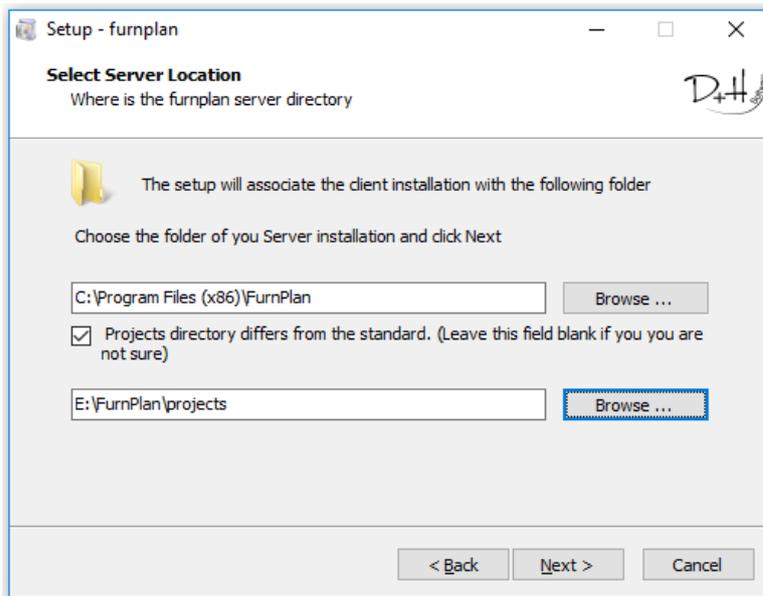
3. Click the folder symbol for extended path configuration.



4. Tick the „Project directory differs“-checkbox to select an alternative location for the projects folder.



5. Select the new location.



Please note:

The administration of customized projects paths is deliberately hidden.

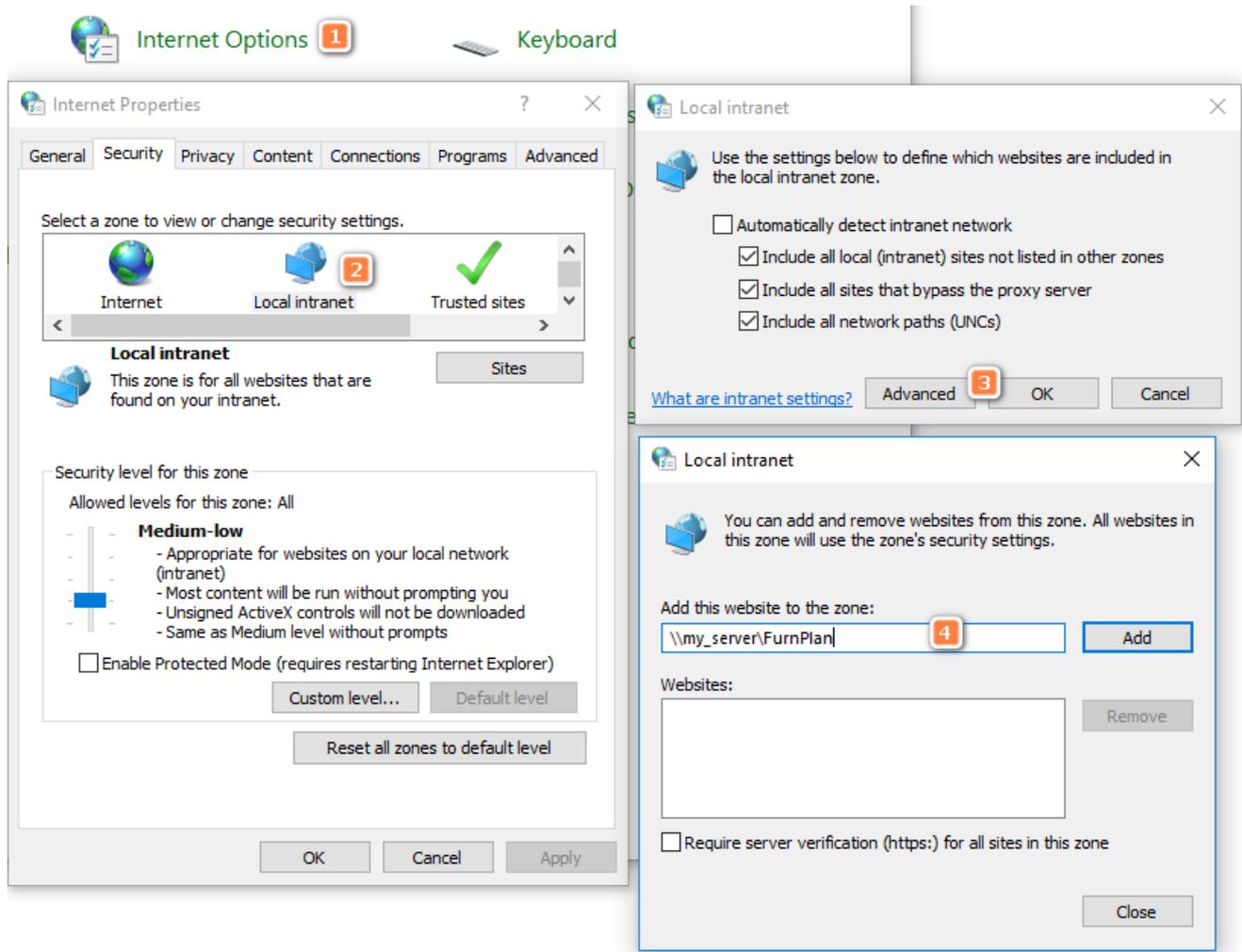
The client setup only takes a few seconds. If the furnplan shortcut has been created on the desktop, the installation has been successful.

4.2.4 Configuring local internet settings

Please note:

If furnplan is unable to retrieve manufacturers after an update of the server's operating system, please check the advanced local internet settings.

From the control panel, navigate to →Internet Options→Local internet. Check the security level for the particular zone.



The mapped server path can be listed as trusted. This will avoid problems relating to user account settings, read/write-permissions, etc. This also will prevent the users from having to confirm furnplan's safety, every time furnplan is started.

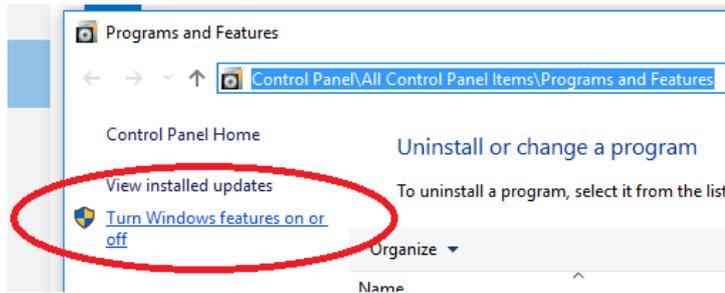
From the control panel, navigate to →Internet Options→Local internet→Advanced (3)
Enter the furnplan path directive to the server (4).
Click "Add".

4.2.5 Vital information regarding Windows 10 and MS server OS 2008R2 and 2012R2:

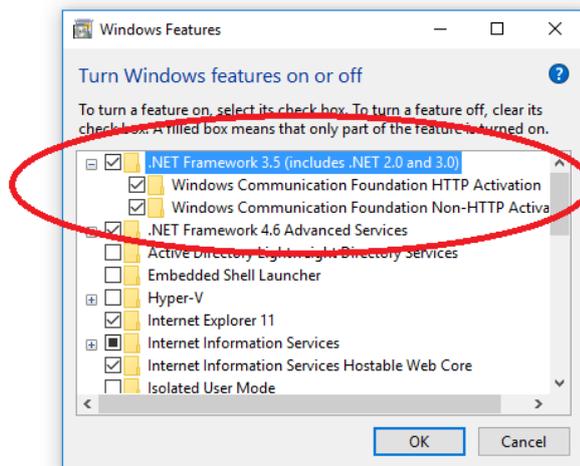
furnplan needs the Microsoft dotNet framework version 3.5 to operate properly. DotNet framework 3.5 might not be activated on new Windows 10 or Windows Server operating systems.

Please make sure dotNet framework version 3.5 is activated before installing furnplan:

1. *Navigate to the features functionality in "Programs and Features"*



2. *Please make sure all the .Net Framework 3.5 (and lower)- components are selected.*



The highest security settings of the Internet Explorer might interfere with a correct functioning of furnplan, since furnplan is sharing some of the functionality of MS Internet Explorer.

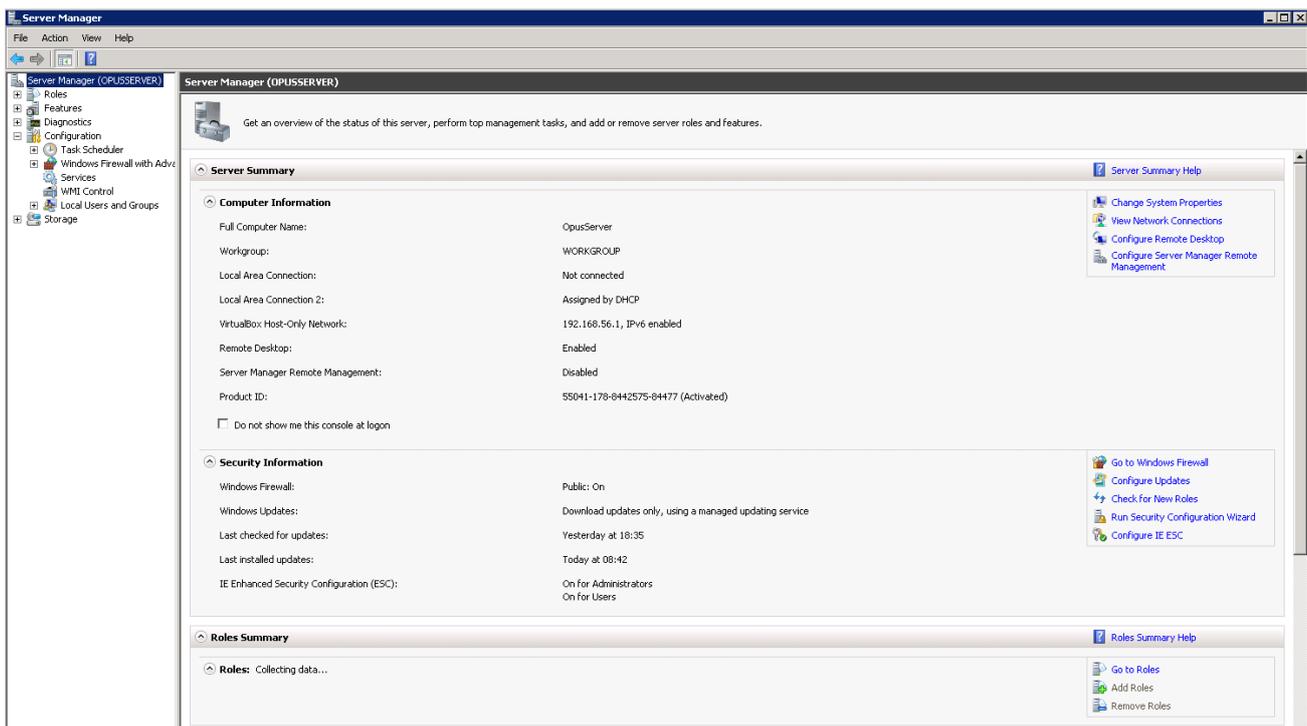
Please note that, by default, the security level of MS Internet Explorer is set to the highest level in Windows Server versions 2008 and 2012R2.

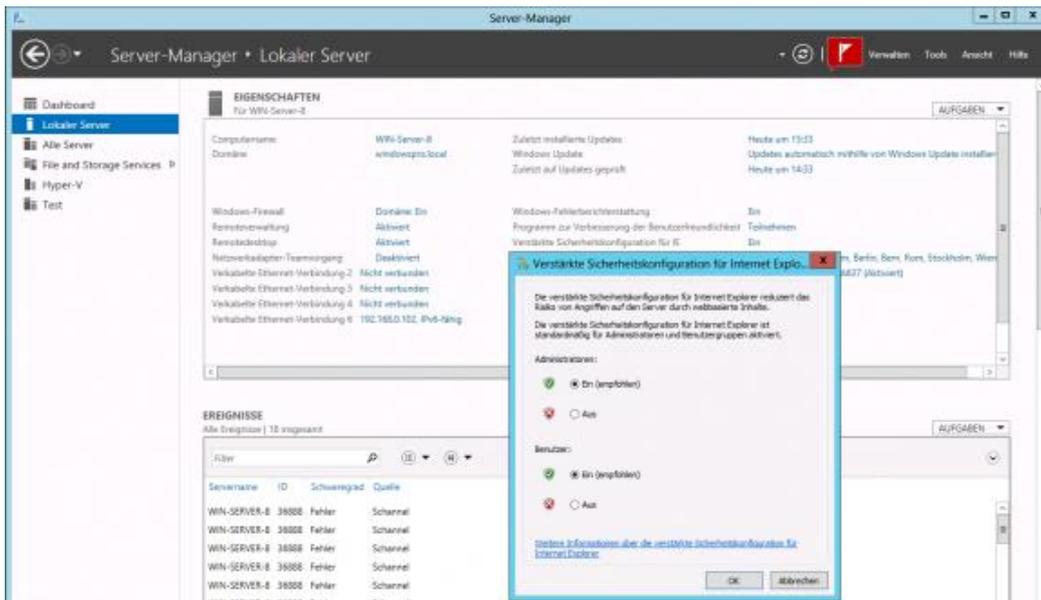
Should furnplan not function correctly, and the highest security settings of Internet Explorer are applied, please try lowering this security setting.



Disabling Windows Server 2008 und 2012 via the Server Manager

furnplan can be defined as local exception. Internet Explorer's enhanced Security feature can also be switched off from the Windows Server 2008 and 2012 Server Manager, should this not be sufficient.





5 furnplan's Administrative level (Administration_FV)

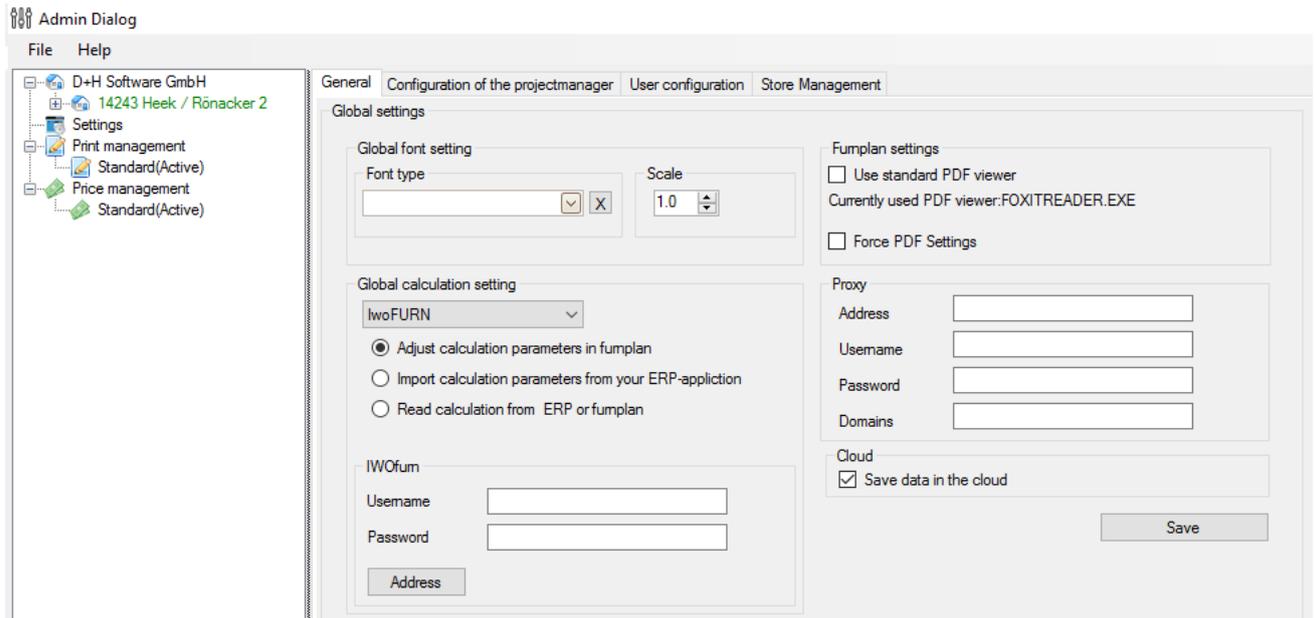
5.1 Starting the administration level (Admin Dialog)

The application can be executed by clicking „Administration_FV.exe“ under Start→(All) Programs→Furnplan. Alternatively, you can navigate to `c:\ProgramFiles(x86)\FurnPlan\AdminHtml\` and execute `Administration_FV.exe` directly.

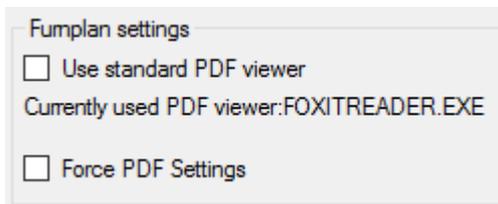
The screenshot shows a web-based login and password change interface. At the top, there is a 'Password' label and a text input field. Below it is a 'Log in' button and a language dropdown menu set to 'en'. Underneath, there is a 'change password' section with three input fields labeled 'old password', 'new password', and 'confirm', followed by a 'Change' button.

After initialization, the user is requested to enter its credentials.
 The administrative functionality will be password protected if one chooses to enter credentials here.
 Alternatively, one can log in directly, without passing any credentials.
 No default password is stored.
 Every single time the application is initialized, this login screen is loaded.

The general admin screen after the successful login.



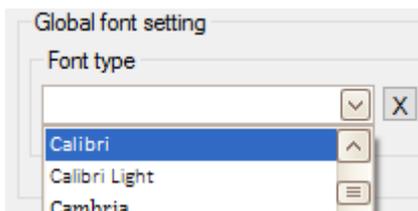
5.2 Tab „General“



furnplan's default PDF viewer can be interchanged with a PDF viewer of your own choice. The output throughout furnplan can be directed by these PDF settings. Should one of these options be set, any evaluation, view, technical drawing or floor plan will be handled by the selected PDF printer.

An alternative PDF writer cannot be selected by the user if "Force PDF Settings" is checked.

Please note: Setting a specific PDF writer with a specific font type could result in unexpected output.



Global calculation setting

IwoFURN

Adjust calculation parameters in furnplan

Import calculation parameters from your ERP-application

Read calculation from ERP or furnplan

IWOfum

Username

Password

Address

furnplan can be configured to calculate prices contained within other applications: Most Enterprise Resource Planning (ERP) applications are able to communicate the herein managed prices directly with furnplan. Furthermore, furnplan offers an open XML interface, offering generic access to third-party applications. D+H Software gladly provides you with the specifics of the interface.

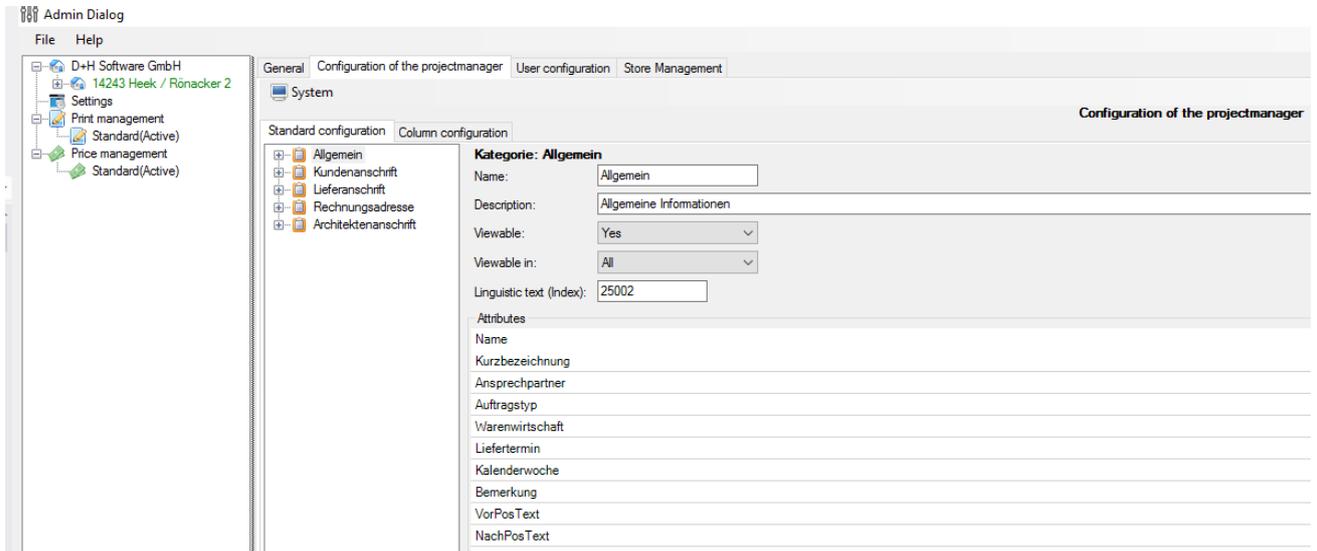
Cloud

Save data in the cloud

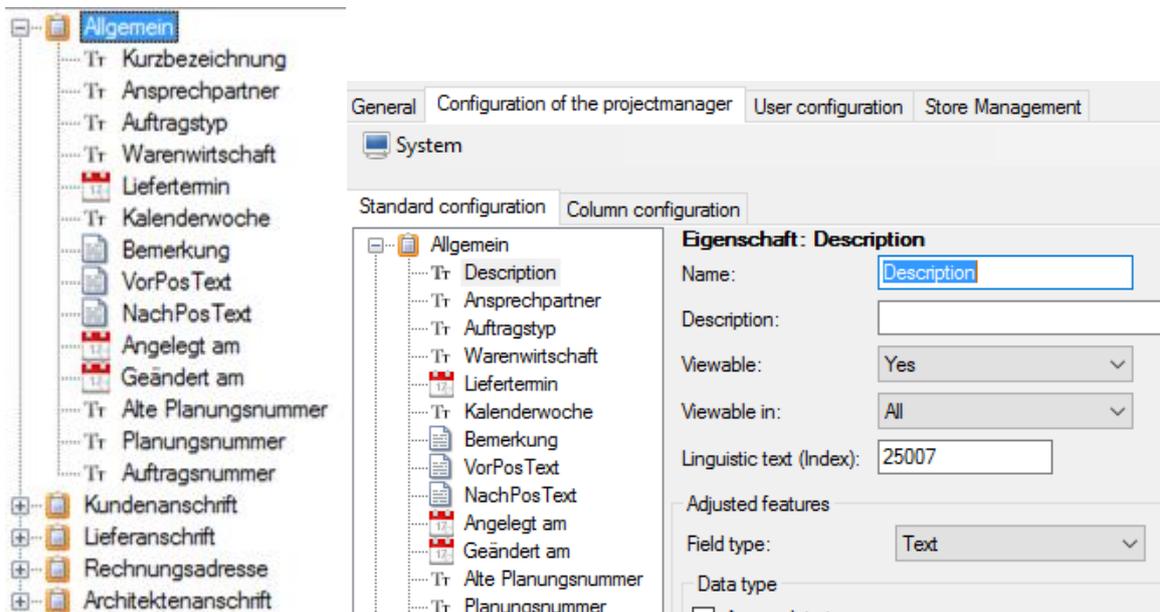
Save

Changes are only saved when the “Save” button is clicked.
Should the checkbox “Save data in the cloud” have been ticked, any planning will be transferred to a secure server at the same time the planning is saved.
Changes will only take effect the next time furnplan is started.

5.3 Tab page „Configuration of the projectmanager“

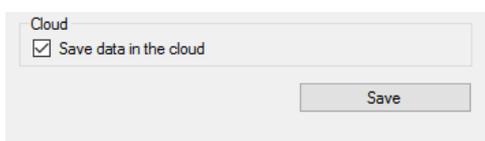


furnplan will load the project manager when it is saving a planning. This project manager can be customized as explained below.



To change, for instance, “Kurzbezeichnung” to “Description”:

- Click the +-sign
- Modify the desired caption “Kurzbezeichnung” to “Description”.
- Save the description by clicking the “Save” button *on the General-tab.*

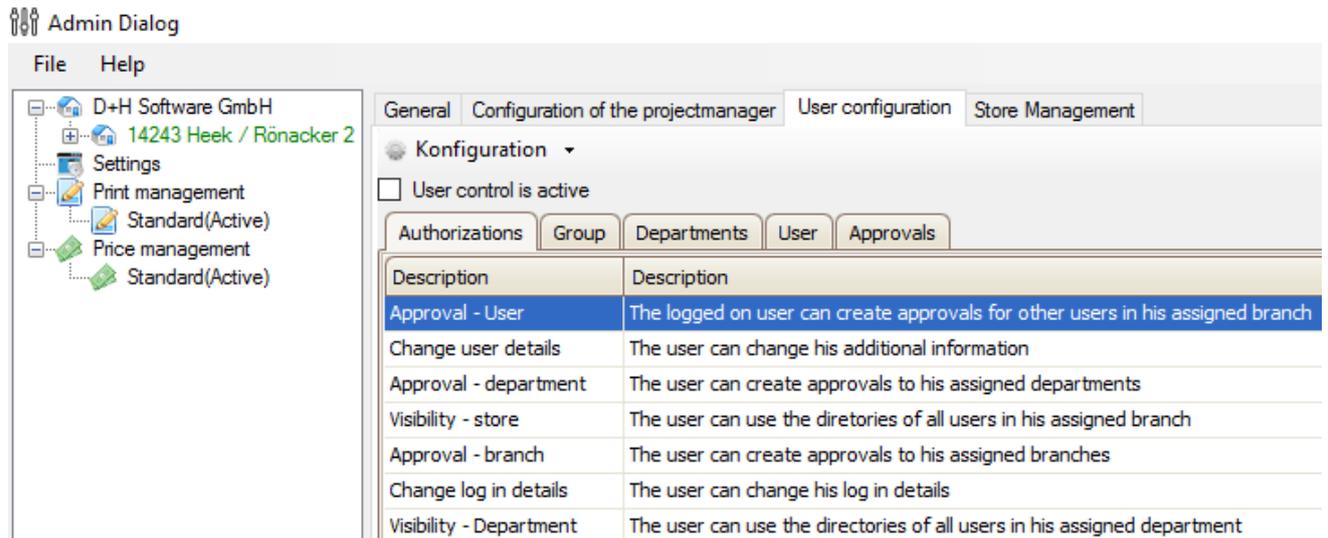


Many modifications can be made. Some of them need a more advanced understanding, many are self-explanatory.



The grid in the project manager can also be customized. Green + and red – signs enables the admin to modify rows.

5.4 Tab „User configuration“



Read/write- rights within furnplan are administrated from the authorizations tab within the user configuration.

Approval – User : Within the same branch, the user is enabled to change rights for other users.

Change user details : The user is enabled to change its user data.

Approval - Department : The user is enabled to share data on department level.

Visibility – Store : All users within the same store are visible

Approval - Branch : The user is enabled to share data on branch level.

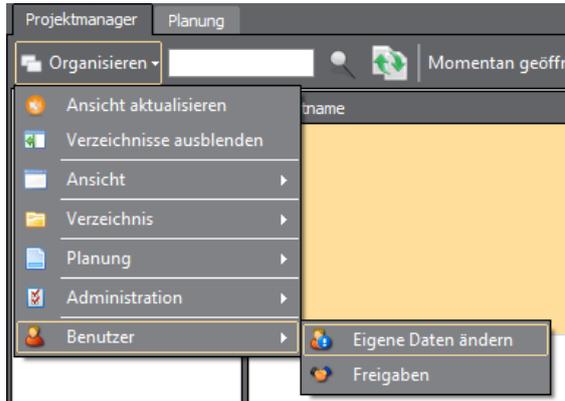
Change login details : The user is enabled to change its login credentials.

Visibility – Department : The user is enabled to see all users in the same department.

User configuration demands a structured, hierarchical approach, consuming substantial administrative resources. This investment is a necessary step, however, in order to invoice purchase orders.

 All changes in the configuration have to be saved and synchronized.

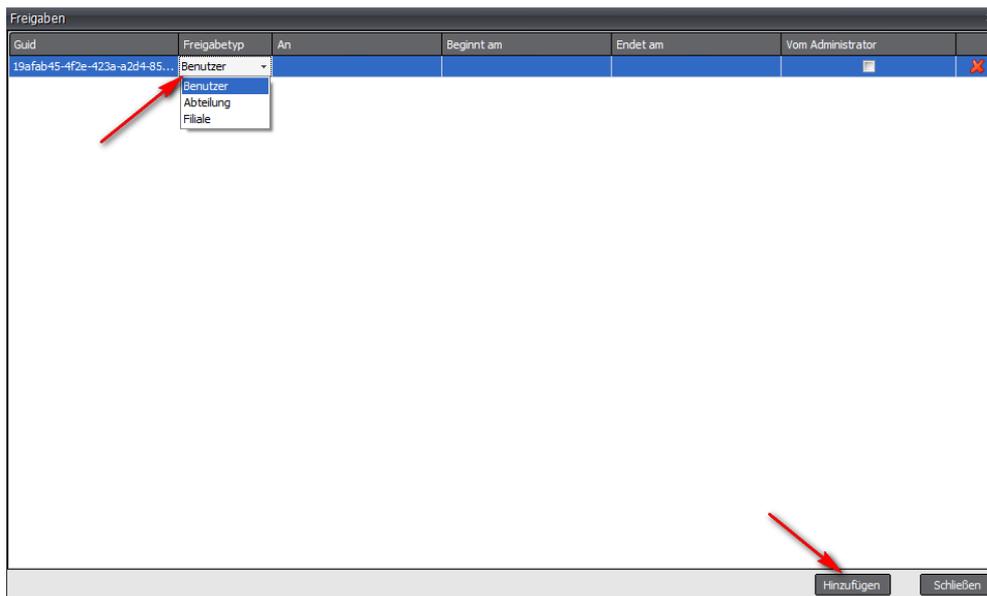
The projekt manager in FurnPlan.



After successful configuration of the useraccounts, the user credentials should be set.

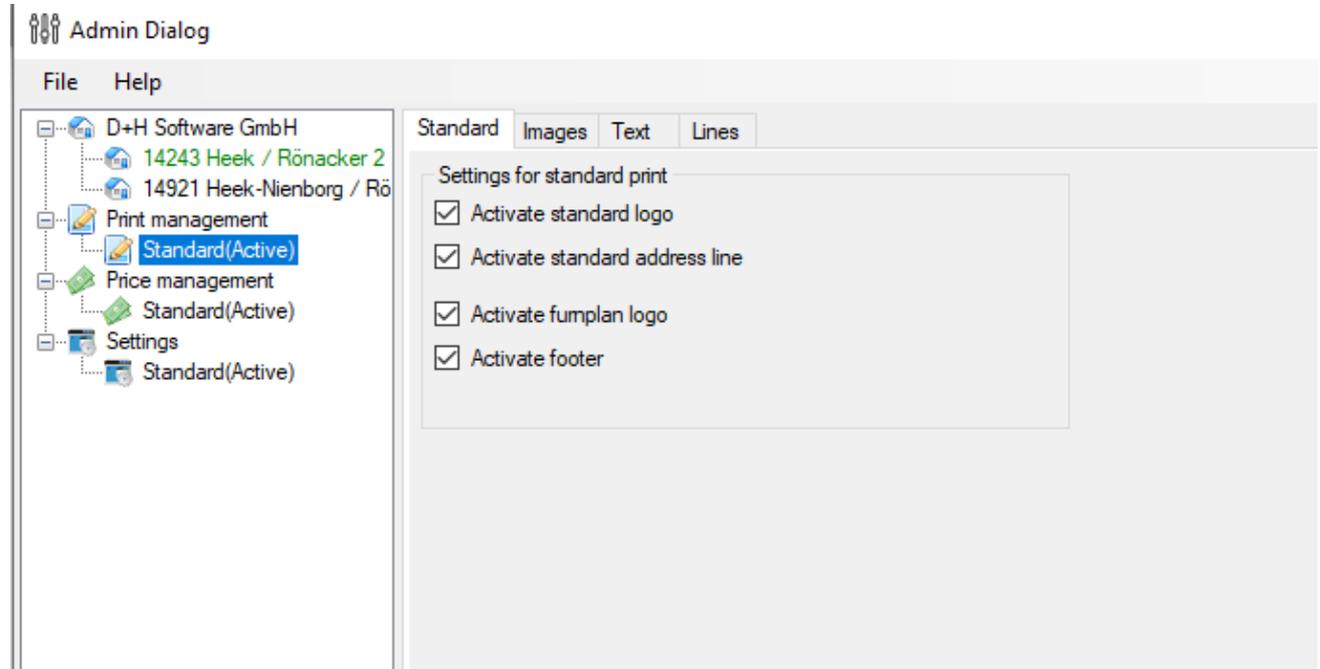
The 'Eigene Daten ändern' dialog box is shown. It has two sections: 'Anmeldedaten' and 'Zusätzliche Informationen'.
Anmeldedaten:
 - Benutzername: Richter
 - Passwort: (empty field)
 - Zeichen im Klartext anzeigen
Zusätzliche Informationen:
 - Vorname: Henning
 - Nachname: Richter
 Buttons: Übernehmen, Abbrechen

Select usertype.



5.5 Print management / insert your own logo / individualize furnplan

In the admin area you can individualize your forms (= print output in furnplan) under „Print management Standard“.



Tag „Standard“

You can deactivate or activate the logos which are printed by default on the first page. Of course you can personalize the forms by using your company logo and address line.

Your company logo is needed in a size of 1000x500 pixels as a *.png file. The file name must be: print-logo.png

Your address line is needed in a size of 1000x50 pixels as a *.png file. The file name must be: print-header.png

Copy both files into the furnplan-directory under the following path: ...\\FurnPlan\\projects\\images

Tag „Images“ / „Text“ / „Lines“

To further customize the forms you can add more images, texts or lines. Click on the + sign to add something new.

Images: enter a name, the path and the position of the image via PosX und PosY.

Text: enter a name and define a text. Enter the position of the text via PosX and PosY. You can also select additional texts from the project manager. You can format the text using font types, alignment and font size.

Lines: enter a name and define the start and end point.

General information:

The zero point for PosX and PosY is at the left bottom of the sheet. PosX and PosY are specified in pixels. Possibly you need to approach the correct position here. Under „Pages“ you determine on which pages your changes should appear. Use the „Active“ checkbox to specify when the changes should be active. This can also be timed by using start and end dates. You have to save every change and possibly restart furnplan.

6 furnplan's branch management

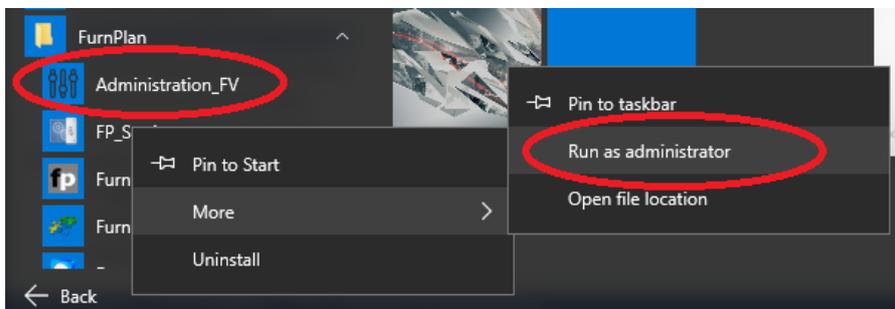
furnplan branch management retrieves data to calculate furnplan plannings, even when operating in an environment with multiple branches or servers.

6.1 Branch management

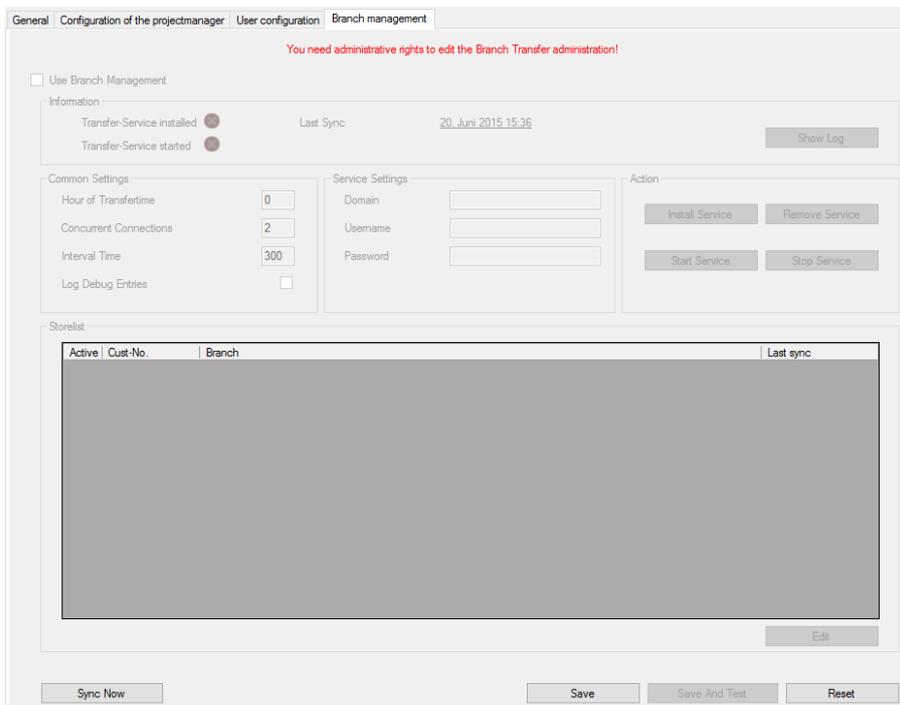
The central server will execute a service called the **FurnPlanTransferService** to enable branch management.

6.2 Access branch management

Start Administration_FV as administrator



Click on the tab „Branch management“. Should the checkbox “Use Branch Management” be disabled, Administration_FV has not been started with administrative rights.



6.3 Configuring the central server

After activating Branch Management, click on “Install Service” in order to activate the FurnPlanTransferService on the central server.

The label „Transfer Service Installed“ shows whether or not this installation has been successful.

The same goes for Starting the Transfer Service

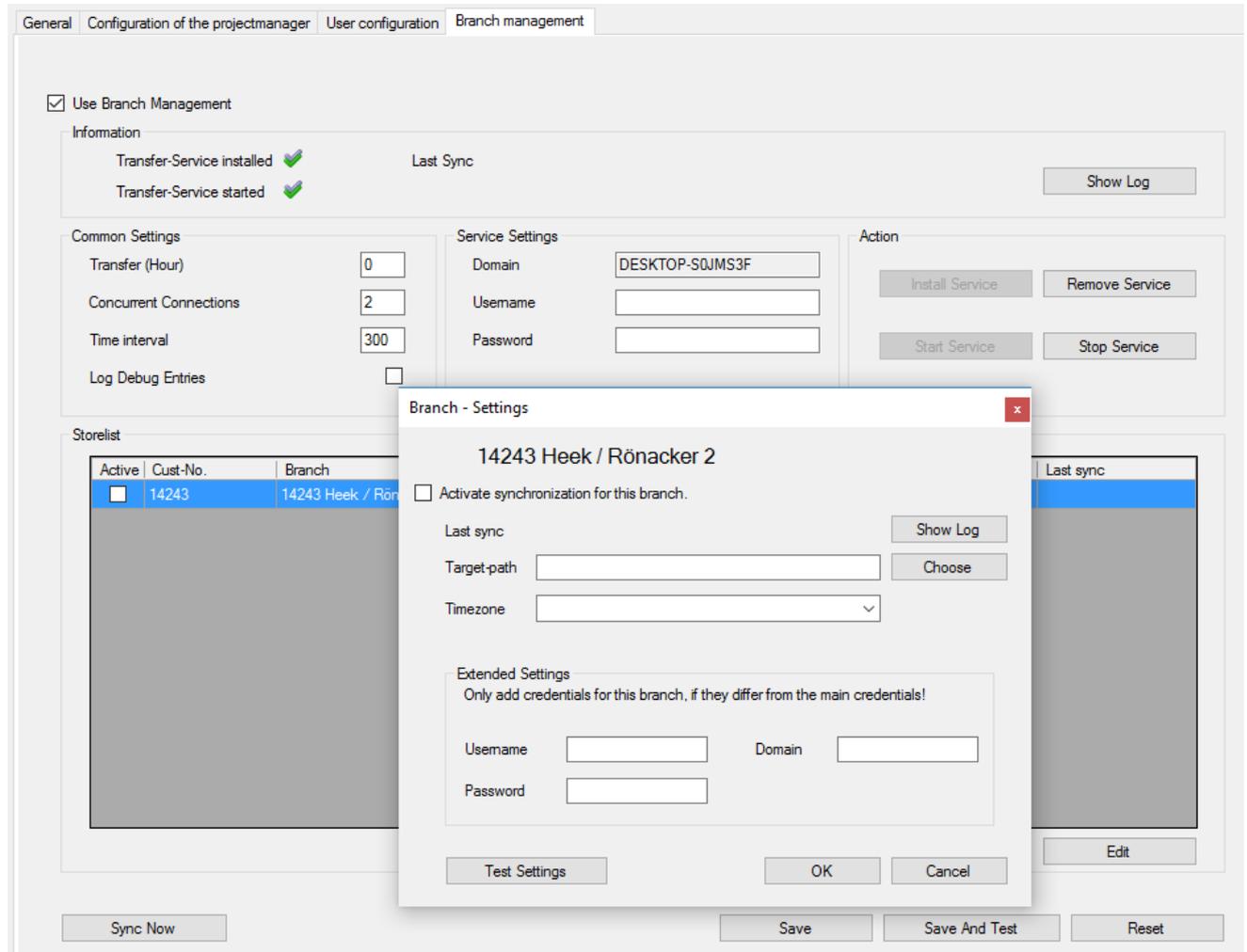
The screenshot displays a configuration window for the central server. At the top, there is a checkbox labeled "Use Branch Management" which is checked. Below this is an "Information" section with two status items: "Transfer-Service installed" and "Transfer-Service started", both accompanied by green checkmarks. To the right of these items is a "Last Sync" label and a "Show Log" button. The main configuration area is divided into three columns: "Common Settings", "Service Settings", and "Action". "Common Settings" includes "Transfer (Hour)" set to 0, "Concurrent Connections" set to 2, "Time interval" set to 300, and "Log Debug Entries" which is unchecked. "Service Settings" includes "Domain" set to "DESKTOP-S0JMS3F", and empty input fields for "Username" and "Password". The "Action" column contains four buttons: "Install Service", "Remove Service", "Start Service", and "Stop Service".

This service performs its service on the background.

Next, the branch servers have to be configured, in order to successfully transfer data from the central server to the respective branches.

6.4 Configuring the branch server

From the listed branches, double click the branch which has to be configured.



1. Tick the „Activate synchronization for this branch“ checkbox.
2. Enter the full path to the projects folder of the remote furnplan installation in the Target-path textbox.
Please note:
 furnplan expects UNC-path formatting here, such as [\\SRV_Fil_2\FurnPlan\projects](#). Please make sure the read/write-rights are granted for the targeted folders.
3. Enter your credentials and domain name. Test the settings by clicking „Test settings“.

6.5 Synchronizing branches

All branches should make absolutely sure the admin dialog has been closed before data between the branches can be interchanged!

Click the “Sync Now”-button.

All calculation data is synchronized between all branches. The time consumed for this task can take up to several minutes.

Common settings:

Transfer (Hour):	The hour of day a transfer should start automatically.
Concurrent connections:	Sets the maximum number of parallel synchronizations.
Time interval:	Time interval in seconds in which a transfer should start automatically.
Log Debug Entries:	Generate extended log data such as error diagnoses.
Show log:	Click this button to browse the logged data.

Please note:

Please stop the Transfer and start it again by using the buttons grouped under “Action”, should anything go wrong.

*Please check if **all** branches are producing correct prices after transferring calculative data.*

7 Calculation settings

7.1 furnplan calculation settings, fresh install

Before you start:

All prices and price types integrated within furnplan have been provided by the respective manufacturers. D+H Software is not responsible for prices and price types provided by these manufacturers. Only authorized professionals should be enabled to carry out calculations based on these accommodated prices. furnplan facilitates password protection of all functionality dedicated to administration and calculation.

Price types can differ at program level! Please check the provided base price for each and every program.

furnplan can be configured to calculate prices contained within other applications: Most Enterprise Resource Planning (ERP) applications are able to communicate the herein managed prices directly with furnplan. Furthermore, furnplan offers an open XML interface, offering generic access to third-party applications

**The license holder resp. end user is always and solely responsible for all calculative settings.
Exercise extreme care administering these settings.
Please check your rates and calculations extensively.**

This walk-through is aimed at a local furnplan installation. The path directive is formatted as "C:\ProgramFiles(x86)\FurnPlan".

A Client-/Server- installation uses UNC-formatted path directives. This looks like "[\\srv01\furnplan](#)"

1. Starting the administration level (Admin Dialog)

The application can be executed by clicking „Administration_FV.exe“ under Start→(All) Programs→Furnplan. Alternatively, you can navigate to c:\ProgramFiles(x86)\FurnPlan\AdminHtml\ and execute Administration_FV.exe directly.

After initialization, the user is requested to enter its credentials.

The administrative functionality will be password protected if one chooses to enter credentials here.

Alternatively, one can log in directly, without passing any credentials.

No default password is stored.

Every single time the application is initialized, this login screen is loaded.

Password

en ▼

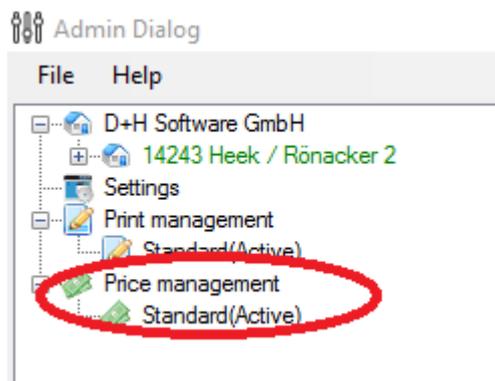
change password

old password

new password

confirm

2. Select „Price management“ from the Admin dialog



3. The price management functionality is loaded:

Calculation at manufacturer's level						
General calculation		Calculation at program's level		Support for calculation		
Manufacturer	Alternative manufac...	Type of calculation	Price type	Surcharge in %	ExternCalcFile	Rounding type
[1]	[2]	[3] VENT	[4]	[5]	[6]	Standard price rounding
		CONVENT	IBEK	100		Standard price rounding
		CONVENT	IBEK			Standard price rounding

The general concept of this grid is explained by the (orange) numbers.

Individual columns and terms explained

[1] Manufacturer: Containing the name of the manufacturer or a trademark.

- [2] Alternative manufacturer name: Furnplan enables you to pass an alternative label for each manufacturer, which is shown in the main view. To hide the manufacturer and all related catalogs completely (not only the name, but the complete visibility) you can enter the code #hide# in this column. Now the manufacturer is no longer displayed in furnplan.
- [3] Type of calculation: Standard definition „Convent“. This definition differs, depending which manufacturer is selected.
- [4] Price type: Type of price listed by the manufacturer. The following types are defined:
- BPI:** The manufacturer is providing it's resellers with a so called Parser-CD (bpi Publisher®), enabling the reseller to calculate the type list. A file called „VKPreise.txt“ is distributed instead of the usual download. This file should be imported manually. Please consult the manufacturer in question regarding the specifics.
- UVP:** Suggested Retail Price. An indication of the gross sales price by the manufacturer.
- EVP:** Suggested Retail Price, without, in some cases, the Value Added Taxes (V.A.T.).
- SBEK:** Default Purchase Price. Procurement without discharge.
- IBEK:** Individual Gross Purchase Price. A Gross Price List for e.g. a consortium, tailor-made by the manufacturer.
- INEK:** Individual Net Purchase Price. Purchase prices with applied individual discounts.
- Attention:** Price-type data only provides you with an indication of the actual price. Prices derived from consortium models could deviate from prices derived from regular models.
We recommend that all calculations should be carried out at program's level!
- [5] Surcharge in %: The percentual calculative surcharge. Please do not confuse factors with percentual surcharges:
-A percentual surcharge of 100% equals factor 2.
-Factor 2.5 equals a percentual surcharge of 150%.
- [6] ExternCalcFile: External Calculation File. Some manufacturers are enabling resellers to calculate prices by means of a separate program. The necessary files should be imported. Please consult [4] Price type: **BPI** for more information.

4. Retrieval of the calculative base price

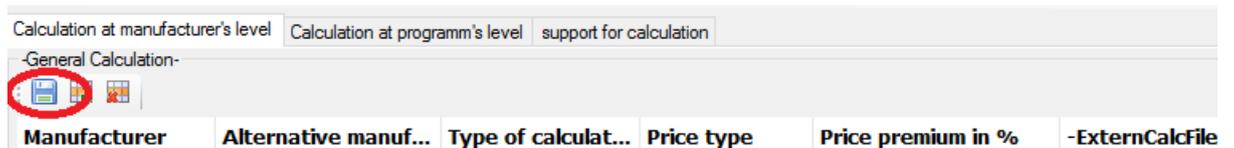
The base price has to be calculated when the manufacturer has implemented its purchase price data in furnplan. To accomplish this, the real purchase price has to be retrieved.

We presume a fresh install. No calculative parameters have been set.

- a. Under „Calculation at manufacturer’s level“ [7], column „Price premium in %“, enter a provisional surcharge for the manufacturer concerned of, say, 100%.

	Manufacturer XYZ	CONVENT	INEK	100
--	------------------	---------	------	-----

- b. Click the floppy disk icon to save the new price configuration.



- c. Select the tab page „Calculation at program’s level“ [8] and select the concerned manufacturer. The column „Price premium in %“ shows the inherent surcharges based on parameters entered in the first tab page. The calculations are linear: For every manufacturer, all articles and programs are calculated in a uniform manner.

Selection	Manufacturer	ProgShort	Range	Type of calculation	Price premium in %	ILN	Start date	End date	WaWi/Sign	Alternative program name
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	
<input type="checkbox"/>				CONVENT	100	4049347000003			Article settings	

- d. Start furnplan. Use at least one piece of furniture out of every program the manufacturer has to offer. Every single program is thus generating a price sample. Saving this scene enables you to test the settings later on.
- e. Click on „Tot.-price“, located in the lower left corner in furnplan. The pre-analyzer retrieves the relevant data regarding manufacturers, programs and articles. Should the linear surcharges have been set to e.g. 100%, the purchase- or base- prices will be half the invoiced amounts.



Position	Article number	Description	H/W/D	quantity	single price	total price
1	000.00.00	chest of drawers with 3 drawers	95.0 / 60.0 / 50.0	1.00	1,218.00	1,218.00
		carcase colour: white				
		carcase surface: mett				
		drawer frames colour: graphite				
1.1	000.00.00	side panel	90.7 / 6.0 / 60.0	1.00	100.00	100.00
		cover board material: lacquer				
		cover board colour: white				
		cover board surface: mett				
1.6	000.00.00	cover board	0.6 / 61.6 / 50.0	1.00	95.00	95.00
		cover board material: lacquer				
		cover board colour: white				
		cover board surface: mett				
Subtotal:						1,848.00
Position	Article number	Description	H/W/D	quantity	single price	total price
2	000.00.00	base frame	39.1 / 80.0 / 47.0	1.00	446.00	446.00
		slimth colour: white				
TISCH Subtotal:						446.00
Total price:						2,294.00 EUR

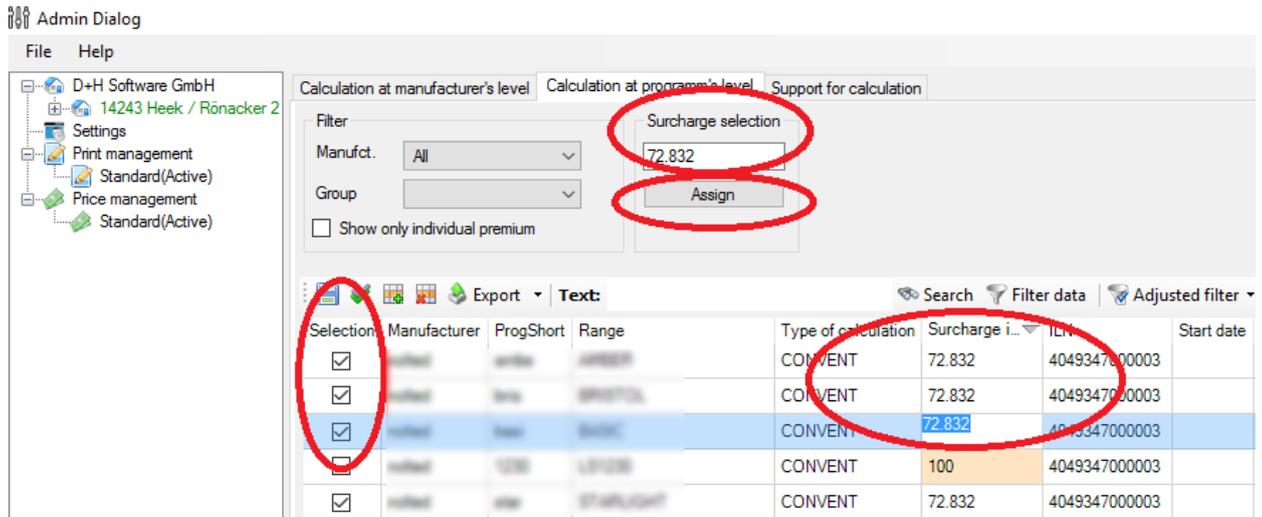
- f. furnplan enables you to manage sales prices with a fine grained control. A useful tool for generating the surcharge percentages can be found under the tab „Support for calculation“ [9].
 Enter the base price in the textbox labeled „Current price“. Input the target price.
 The textbox labeled “New surcharge in %” calculates the surcharge parameter.
 In this example, a base price of 173 and a target price of 299 results in a surcharge value of 72.832%

Admin Dialog

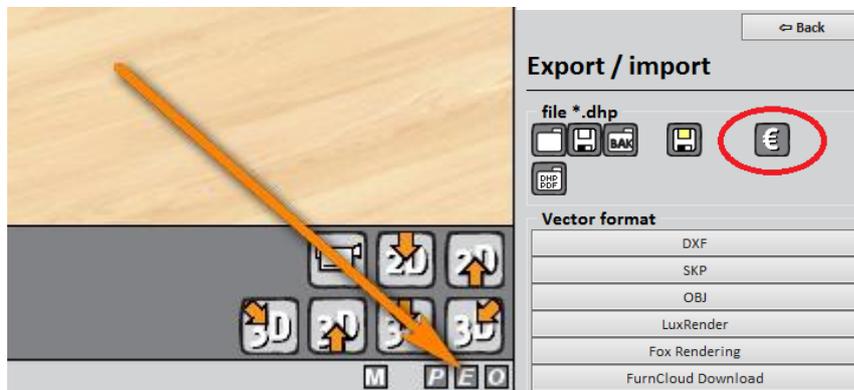
The screenshot shows the 'Admin Dialog' window with the 'Support for calculation' tab selected. The left sidebar shows a tree view with 'Price management' expanded. The main content area has three tabs: 'Calculation at manufacturer's level', 'Calculation at program's level', and 'Support for calculation'. The 'Support for calculation' tab is active and contains the following fields:

- current price: 173
- target price: 299
- current surcharge in %: 0
- ground price: 173.000
- New surcharge in %: 72.832

- g. To apply the surcharge percentage, select the row(s) depicting the model(s) on the tab page “Calculation at program’s level”.
 Enter the surcharge.
 Apply the changes by clicking “Assign”.



5. Save every change by clicking the diskette icon.
6. The admin dialog enables you to import the altered price configuration. To load these new prices in furnplan:
 - click the small „E“ icon located in the lower right corner of furnplan,
 - click the „€“-icon located in the top right corner of furnplan,
 - restart furnplan for the changes to take effect.



Please note:
Occasionally the „€“ (table reload) icon does not load properly in Windows Client/Server- constellations due to conflicting permissions. Please restart furnplan in these cases. Import the calculative settings again.

Vital information concerning the furnplan calculations

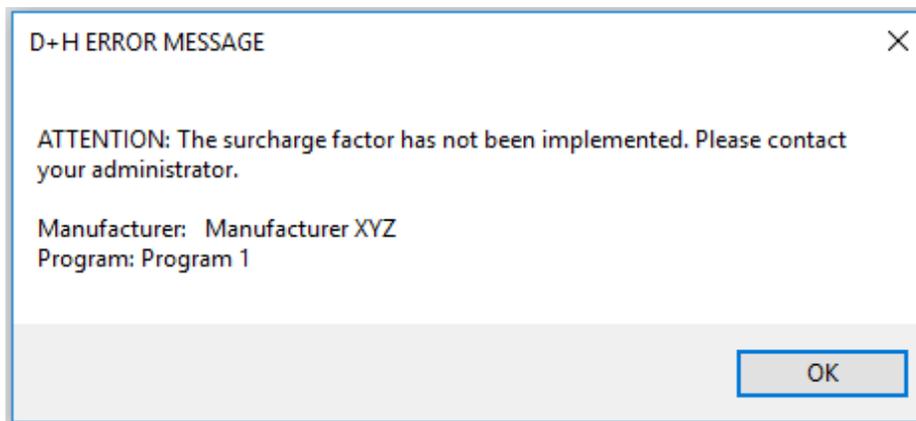
Please note:

The prices implemented in furnplan are the sole responsibility of the manufacturers. The company D+H Software GmbH does not take part in the production of these prices.

In order to help prevent incorrect pricing, warning messages and general comments are implemented in furnplan. It is the responsibility of the producer to activate these warnings.

- **Error messages:** The error message shown below is triggered when:
 - The purchase price is set, and
 - Surcharge parameters are not set on both program's level and manufacturer's level.

This warning will be generated for every article meeting these criteria. Should the planning contain 20 articles without proper surcharge parameters, but with a set purchase price, this message will be triggered 20 times.



Solution: Set the calculative surcharges on Program's level, Manufacturer's level, or both.

- **Price error:** Extraordinary high prices are probably caused by a security feature by furnplan. Should furnplan find an article without a set value, it defaults to a pre-defined value of € 9999,- or even € 99999,-. Extraordinary high prices prevent articles from being sold at zero cost, while standing out in complex calculations.

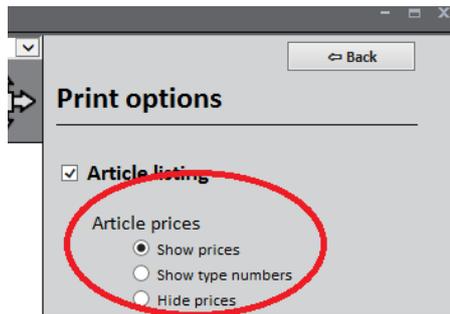
Solution: The underlying data has to be scrutinized and possibly corrected. Please convey your planning to the manufacturer or to the furnplan helpdesk.

- **Hide prices:** There are three ways of concealing prices:

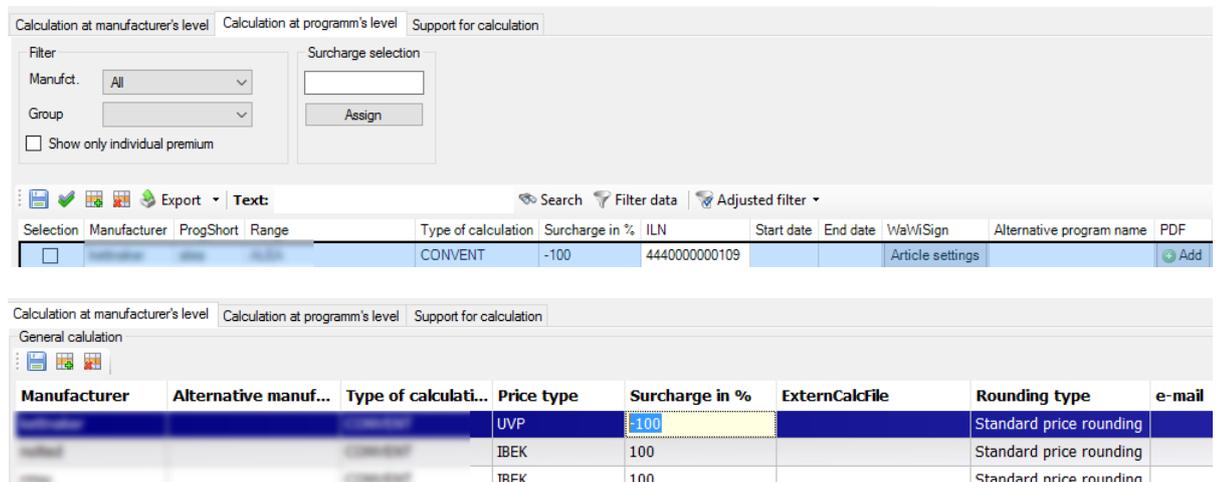
Solution #1: Load the print administration area by clicking the „P“-icon in the lower right corner of furnplan.



The radio buttons under print options dialog enable you to show or hide prices



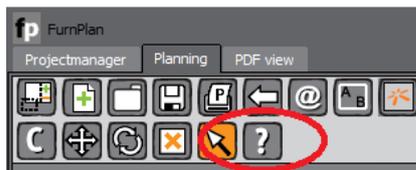
Solution #2: By entering the value -100 under „Surcharge in %“. Either at the tab page “Calculation at manufacturer’s level” or at the tab page “Calculation at program’s level”. The prices will be nulled. No prices are shown.



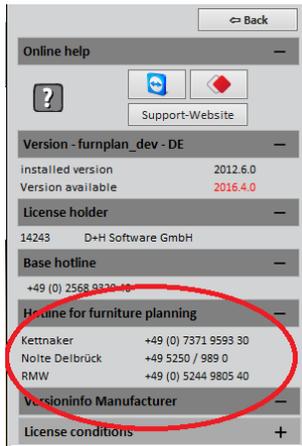
Solution #3: Use furnplan’s „Home“ version. Prices are not implemented in this version. For more information about this application, please contact our support hotline.

8 Support and contact

For support issues, please click the question mark located in the upper left window of furnplan.



The furniture manufacturer should be contacted directly for issues relating to the manufacturer’s furniture program itself. The manufacturer’s hotline phone number can be retrieved under the tab “Hotline for furniture planning”



8.1 Support for issues relating to plannings

In the same Help-window, under the tabs „License holder“ and „Base hotline“, both the client number and furnplan’s hotline number can be found.

Please note that the client number equals the license number, 14243 in the example below.



Please note:

Please attach the file containing the planning (with *.dht extension) in case the support issue is communicated by email.

8.2 Support for technical problems

Regular phone rates set aside, calling the furnplan hotline is absolutely free.

The furnplan hotline gladly solves a wide array of queries, such as installing furnplan, furnplan’s system management, or general FurnPlan issues.

The furnplan team can be reached by:

Telephone: +49 (0) 2568 9320 - 40
Email: support@furnplan.de
Monday – Friday from 09.00 to 17.00*

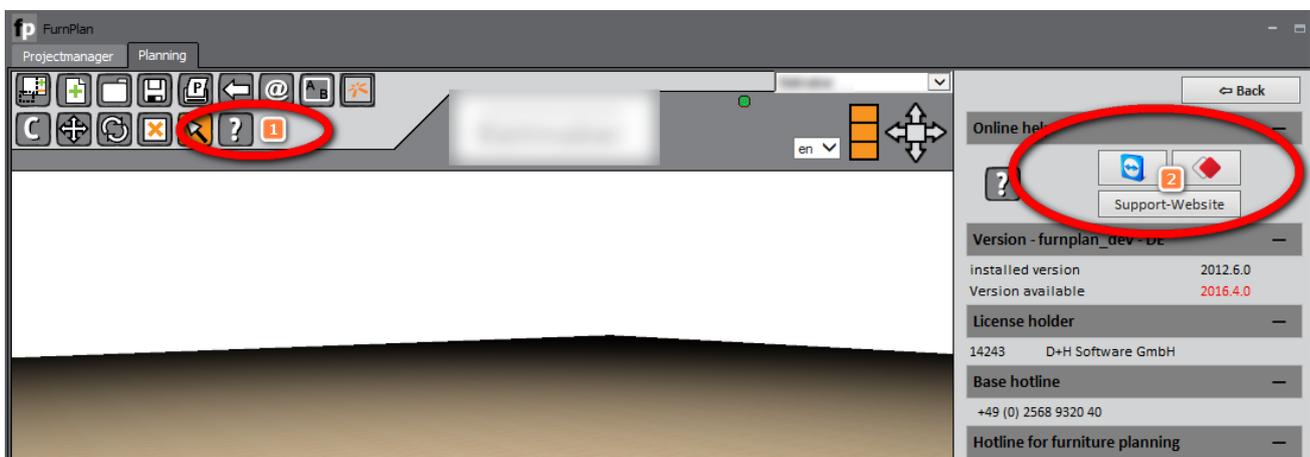
*with the exception of German bank holidays in the North Rhine-Westphalia region.

8.3 Remote Support

furnplan support might be asking your permission to log on to your system with TeamViewer® or AnyDesk®. Often, issues are best solved with direct access to the computer involved. The three ways of starting remote support for furnplan are discussed below.

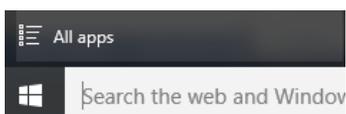
8.3.1 Starting remote support within FurnPlan

Within FurnPlan, click the question mark (1). Subsequently, under the tab “Online help”, click the blue button for TeamViewer, or the red button for AnyDesk(2)

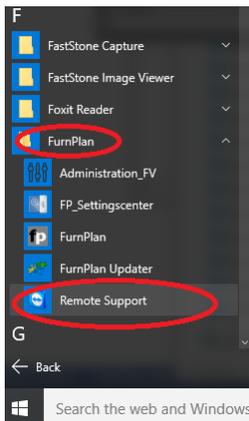


8.3.2 Starting remote support from the Windows start menu

Click Start → all Apps



FurnPlan → Remote Support



8.3.3 Starting Remote Support over the internet

Download and install TeamViewer or AnyDesk from the following links



TeamViewer:

<http://www.dh-software.de/downloads/TeamViewerQS.exe>



AnyDesk:

<http://www.dh-software.de/downloads/AnyDesk.exe>

Alternatively, navigate to www.furnplan.de

Either click TeamViewer or AnyDesk in the lower right corner.

furn plan DEUTSCH // ENGLISCH
HOME | SCHNITTSTELLEN | VORTEILE | MÖBELHERSTELLER | KONTAKT

80,- EURO IM MONAT FÜR DAS GANZE MÖBELHAUS

JETZT FURNPLAN ENTDECKEN!

Bereits für 80,- Euro/Monat treten Sie in die 3-dimensionale Welt von furnplan ein. Installieren Sie furnplan auf allen Computern im Möbelhaus, denn die Lizenz ist für das ganze Möbelhaus gültig.

Home

Herzlich Willkommen bei furnplan. Der Software für professionelle 3D-Möbelplanung.

Mit furnplan gestalten Sie blitzschnell Räume und kreative Möbelkombinationen. Selbstverständlich rechnet furnplan Ihnen in Echtzeit den korrekten Preis aus. Bestellen Sie fehlerfrei Ihre Möbel online oder nutzen Sie unsere ERP-Schnittstellen für Ihr Warenwirtschaftssystem.

Aufgrund der einfachen und intuitiven Bedienung von furnplan wird die Planung zum visuellen Erlebnis.

Erleben Sie selbst, warum über 1.700 Möbelhändler und über 50 Möbelhersteller bereits auf furnplan setzen.

Optimale Unterstützung am POS

Premium Service

NOCH FRAGEN?

Wünschen Sie direkt Kontakt oder benötigen Sie Hilfe? Rufen Sie uns an oder senden Sie uns eine E-Mail:

Hotline: +49 (0) 2568/9320-40
E-Mail: info@furnplan.de
Support Homepage
TeamViewer
AnyDesk

Please note:

- The computer **must** be connected to the internet
- Proxies nor firewalls should block the connection with TeamViewer® or AnyDesk®
- In some cases, you are explicitly asked to permit the execution of these remote programs
- Please start **TeamViewer®** or **AnyDesk®** with **admin-rights**
- After starting TeamViewer® or AnyDesk®, an identification code, or ID, is generated. Please communicate this ID with FurnPlan support. Generating an ID code may take several seconds.

8.4 Address, mission and disclaimer

D+H Software GmbH
Rönacker 2
48619 Heek-Nienborg
Telephone: +49 (0) 2568 – 9320 – 0
Fax: +49 (0) 2568 – 9320 – 20

URL: www.furnplan.de
Email: info@furnplan.de

**We wish you many successful plannings and great fun working with
furnplan!**

Your furnplan team

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