

furnplan Administration Manual



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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<u>not</u> use this functionality.
- 3. Navigate to the inserted DVD. Name

IN		Date modified	туре	SIZE				
∕ F	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					
	nanual	3/18/2016 9:52 PM	File folder					
	setup	3/18/2016 9:52 PM	File folder					
20	autorun.inf	10/7/2013 10:59 AM	Setup Information	1 KB				
Ē	🛿 FurnplanSetup.exe	4/16/2015 11:13 AM	Application	625 KB				
f	p icon.ico	10/7/2013 10:59 AM	lcon	103 KB				
2] setup.ini	3/18/2016 9:52 PM	Configuration sett	1 KB				

Data medified

Tune

Cine

<u>Right (!)</u>- click "FurnplanSetup.exe". From the context menu, select "Run as administrator".
 <u>Files Currently on the Disc (10)</u>

Thes 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	
nanual 🛛	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.ie Open			103 KB
🔄 setup. 💡 Run as administrator			1 KB



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- 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:



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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:

-	Furnplan Updater					 ×
Download						
	Customer number: User name: Password: Language:	14243 English		login		l
			Forgot your p	assword?	•	

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.

	Furnplan Upda	iter					_ _ ×
	Logged in use	ers: Groot, Onno	Log off			Char	nge own data
wnload	Distribution:	furnplan Handel		• Version:	2016.4.0	*	
å	Licence:	customer standard lic	ence		🖌 Start setup after download		
etup						ownload	
0.	3S-Frankenmö	ibel	fumplan Handel	2015.1.0			*
	Aleal		fumplan Handel	2015.12.25			
080	Anrei		fumplan_Handel	2016.4.245			
ant	ARC		fumplan Handel	2016.1.43			
Dev	Arte M		fumplan Handel	2016.3.1530			
ф.	Atlas Einrichtungs-Einkauf GmbH		fumplan Handel	2015.9.0			
püle	Carre		fumplan Handel	2016.4.150			
9	Die Haurmark		fumpian Handel	2016.4.1205			
	Disselkamp Se	c hlafraumsvsteme	fumpian Handel	20163661			
	Domina	cinanaanisysteme	fumplan Handel	2016.2.129			
	Elfa		fumplan Handel	2016.4.172			
	Fresh		fumplan Handel	2016.3.9			
	fumplan		fumplan Handel	2016.4.4078			
	Geha		fumplan Handel	2016.4.338			
	GLAFO		fumplan Handel	2016.4.0			
	Gomab		fumplan Handel	2016.4.136			
	Gwinner		fumplan Handel	2016.4.1049			
	Hartmann		fumplan Handel	2016.4.931			
	Hattendorf		fumplan Handel	2015.6.0			
	huista		fumplan Handel	2016.3.4			
	huista fumitui	re UK	fumplan Handel	2015.8.47			
	Incasa		Tumpian Handel	2016.4.1358			

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.



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- 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.
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 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.



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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) \rightarrow All Apps \rightarrow FurnPlan (2) \rightarrow 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.

😽 Furnplan Updater		·	×
Download			
Settup			
Noad			
Customer number	14243		
e User name:	dh@software.com		
Password	: ******		
Language	: English	✓ Log in	
	Forgo	t your password? 🏾 🔻	
P S D+H Software GmbH • Bönacke	er 2 • 48619 He	ek-Nienhora • G	ermany



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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.

20	Furnplan Upda	ater							_ 0	x
	Logged in use	ers:	Log off					Chang	e own data	
wnload	Distribution:	furnplan Handel			Version:	2016.4.0				
å	Licence:	customer standard lic	ence			V Start setup after dow	vnload			
							Downl	oad		
	and and distributed		fumpian Handel fumpian Handel	2015.1. 2015.1. 2016.4. 2016.3. 2015.9. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2016.4. 2015.6. 2015.6. 2015.8. 2015.8.	0 2.25 245 43 1.1530 0 1.1203 98 661 1.129 1.72 9 4.4078 338 0 1.36 9 9.31 0 1.36 9.31 0 4 4.47 1.1358					Î

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)



**	Furnplan Upda	ater					- • ×
	 Installed Ve 	rsion: furnplan Handel 2	016.4.0				
oad	Distribution:	furnplan Handel 2016.4	.0				~ (5)
Downl	0				Delete	Copy to	Install 👩
Setup	Create Up	date 🗿			(1)		
6	From: tu	rnplan Handel 2016.3.0		To:	furnplan Handel 2016.4.0		Create Update
	Information	en ausblenden					
vnle		fumplan Handel	2015.12.25				
Do		fumplan_Handel	2016.4.245				
di la		fumplan Handel	2016.1.43				
Ba		fumplan Handel	2016.3.1530				
		fumplan Handel	2015.9.0				
		fumplan Handel	2016.4.150				
		fumplan Handel	2016.4.1203				
		furnplan Handel	2016.3.661				
		fumplan Handel	2016.2.129				
		fumplan Handel	2016.4.172				
		fumplan Handel	2015.1.0				
		furnplan Handel	2016.3.9				
		fumplan Handel	2016.4.338				
		fumplan Handel	2016.4.0				
		fumplan Handel	2016.4.136				
		fumplan Handel	2016.4.1049				
		fumpian Handel	2016.4.931				
		fumpian Handel	2015.6.0				
		fumpian Handel	2010.2.96				
		iumpian nandei	2010.3.4				

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 Redistibutable
- Microsoft Visual C++ 2008 Redistibutable x86
- Microsoft Visual C++ 2010 x86 Redistibutable
- Microsoft Visual C++ 2012 Redistibutable (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.



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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.



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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.

additional			0/10/2010/010211						
base			3/18/2016 9:52 PM	A File folder					
data	Select Se	Select Setup Language X							
license	5	Select the language to use during the							
manual		installation:		r i					
setup		En altala		r					
autorun.inf		English		þ					
🔃 FurnplanSetup.exe			ОК	Cancel					
p icon.ico			UK	Curreer					
📓 setup.ini			3/18/2016 9:52 PM	/ Configura					

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.



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

🕡 Setup - furnplan	_		×
Select Components Which components should be installed?		1	2+4
Select the components you want to install; clear the components y install. Click Next when you are ready to continue.	/ou do not	want to	
Single place installation (plenary installation)		~	·
Single place installation (plenary installation)			
Network installation (server) Network installation (client) User-defined installation			
			-
Select manufacturer			
< Back Ne	ext >	Can	cel

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

Q	Setup - furnplan		-		×
	Manufacturer selection Which manufacturer should be installed?			D	2+4
				*	
		< <u>B</u> ack <u>N</u> e	xt >	Cance	el

7. Select destination and continue.





🔞 Setup - furnplan		_		×
Select Destination Location Where should furnplan be installed?				D+#
Setup will install furnplan into the following folder				
To continue, click Next. If you would like to select a different folder	r, di	ck Bro	wse	
C: \Program Files (x86) \FurnPlan		Brow	se	
< <u>B</u> ack <u>N</u> e	xt >		C	Cancel

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"

🐻 Setup - furnplan	_		×
Select Start Menu Folder Where should Setup place the program's shortcuts?			D+#
Setup will create the program's shortcuts in the following St	tart Me	enu fold	er.
To continue, dick Next. If you would like to select a different folder,	click E	Browse.	
FurnPlan		Browse	
Don't create a Start Menu folder			
< Back Nex	t >		Cancel

9. The required components are extracted and installed.





🥡 Setup - furnplan	-		\times
Installation of components Unpack and copy the data (this process could take a few minutes).		1	2+4
1 %]
97 %			•
		Can	cel

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:



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• 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.



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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, 10, 2010 5152 1		ine romane
base			3/18/2016 9:52	PM Fi	ile folder
data	Select Se	tup Language			×
license	5	Select the lan	guage to use durin	g the	
manual		installation:			r
setup		To alkala			r
autorun.inf		English			p
🔃 FurnplanSetup.exe			ОК	Cano	el
p icon.ico					
🔊 setup.ini			3/18/2016 9:52	РМ С	onfigura

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.







- 6. Please accept the license agreement and click on the "Next" button.
- 7. Select the network installation (server). By default, the manufacturer data belonging to your palette will be installed automatically.

🥡 Setup - furnplan	_		×
Select Components Which components should be installed?		1	
Select the components you want to install; clear the components y install. Click Next when you are ready to continue.	vou do not	t want to	
Network installation (server)		`	/
Single place installation (plenary installation)			
Network installation (server)			
Network installation (client)			
Select manufacturer			
< Back Ne	ext >	Car	ncel

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

🥡 Setup - furnplan	_		×
Manufacturer selection Which manufacturer should be installed?			D+#
< <u>B</u> ac	k <u>N</u> ext >	Ca	ancel



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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"

🔞 Setup - furnplan	_			×
Select Start Menu Folder Where should Setup place the program's shortcuts?				D+##
Setup will create the program's shortcuts in the following St	art N	1enu	folde	r.
To continue, click Next. If you would like to select a different folder,	click	Brow	ise.	
FurnPlan		Bro	wse	
Don't create a Start Menu folder				
< Back Next	t >		C	ancel







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

🥡 Setup - furnplan	_		\times
Installation of components Unpack and copy the data (this process could take a few minutes).		1	2+4
1 %			
97 %			
		Cano	cel

- 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.

🤯 Setup - furnplan	-		×
Select Server Location Where is the fumplan server directory			D+##
The setup will associate the client installation with the foll	owing fold	der	
Choose the folder of you Server installation and dick Next			
C: \Program Files (x86)\FurnPlan	Brow	/se	
< Back Net	xt >	Ca	ancel

The path can be formatted either as

a. Uniform Naming Convention (or UNC): network path, formatted as e.g. <u>\\myserver\furnplan</u>

🖇 Setup - furnplan		-		×
Select Server Location			1	
Where is the furnplan server directory			1	/+***
The setup will associate the dient installation with	the folk	owing fold	ler	
Choose the folder of you Server installation and click Next				
\\DESKTOP-S0JMS3F\FurnPlan		Brow	se	

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.



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4 furnplan migration

4.1 Moving an existing furnplan installation to another system

Name	Änderungsdatum	Тур	Größe
🐌 AdminHtml	22.05.2014 15:54	Dateiordner	
퉬 interface	26.09.2013 10:12	Dateiordner	
퉬 manufacturer	24.06.2014 13:30	Dateiordner	
퉬 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\).

📕 C:\Program Files (x86)\FurnPlan

- 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:



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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



 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)

∎° I	Registry	y Editor							
File	Edit	View	Favorites	Help					
		>			^	Name	Туре	Data	
		2				(Default)	REG_SZ	(value not set)	
		2				ab CloseRequest	REG_SZ	1	
		2				ab eMail	REG_SZ	1	
1		2				PathApplication	REG_SZ	Modify	
		3				ab PathInstall	REG_SZ	Modify Binary Data	
		Ś.				ab PathInterface	REG_SZ	Delete	face
		Š.				ab PathManufacturer	REG_SZ	P	ufacturer
		Š.				ab PathProject	REG_SZ	Rename	ects
		5				ProjectManagement	REG_SZ	1	
			- Furnplar	n		ab SapInterface	REG_SZ	0	

- 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)



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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.

🥡 Setup - furnplan	_		×
Select Components Which components should be installed?		1	2+44
Select the components you want to install; dear the components you install. Click Next when you are ready to continue.	u do no	t want to	
Network installation (client)		~	
Single place installation (plenary installation) Network installation (server) Network installation (client) User-defined installation			
< Back Nex	t >	Can	cel

3. Click the folder symbol for extended path configuration.

🕡 Setup - furnpl	an				—		\times
Select Server Where is the	r Location e furnplan server dire	ectory				1	2+4
Choose the	setup will associate	e the client in	istallation with	the follo	wing fold	er	
C:\Program	Files (x86)\FurnPlan				Brow	se	1
							1
		[< Back	Nex	t >	Can	cel







Select Server Location Where is the furnplan server directory	D+4
The setup will associate the client installation with the following folder Choose the folder of you Server installation and click Next	
C:\Program Files (x86)\FurnPlan Browse Projects directory differs from the standard. (Leave this field blank if you y not sure)	 /ou are
< Back Next >	Cancel

5. Select the new location.

🕡 Setup - furnplan	-		×
Select Server Location Where is the furnplan server directory		1	2+4
The setup will associate the client installation with the follow Choose the folder of you Server installation and click Next	wing fold	er	
C:\Program Files (x86)\FurnPlan Projects directory differs from the standard. (Leave this field blands not sure)	Brow ank if yo	se u you are]
E:\FurnPlan\projects	Brow	se	
< <u>B</u> ack <u>N</u> ext	:>	Can	cel

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.

E.

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

Internet Options 💶 🛛 👞 Keyboard	
1 Internet Properties ? ×	s 🔂 Local intranet 🛛 🕹
General Security Privacy Content Connections Programs Advanced	Use the settings below to define which websites are included in the local intranet zone.
Select a zone to view or change security settings.	Automatically detect intranet network
	✓ Include all local (intranet) sites not listed in other zones
V V V	☑ Include all sites that bypass the proxy server
Internet Local intranet Trusted sites	
	(
This zone is for all websites that are found on your intranet.	What are intranet settings? Advanced OK Cancel
Security level for this zone	😭 Local intranet 🛛 🔍 X
Allowed levels for this zone: All	
Medium-low Appropriate for websites on your local network (intranet)	You can add and remove websites from this zone. All websites in this zone will use the zone's security settings.
- Most content will be run without prompting you	Add this website to the zone:
- Unsigned ActiveX controls will not be downloaded	Nmv server/FurnPlan
Enable Protected Mode (requires restarting Internet Explorer)	
Custom level Default level	Websites:
	Remove
Reset all zones to default level	
	Pequire server verification (https:) for all sites in this zone
OK Cancel Apply	
	Close

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 \rightarrow Internet Options \rightarrow Local internet \rightarrow 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.



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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.

📕 Server Manager			<mark>_ _</mark>		
File Action View Help					
Server Manager (OPUSSERVER)	Server Manager (OPUSSER¥ER)				
Koles Features Jagnostics Configuration Tail Schedules	Get an overview of the status of this server, perform top management tasks, and add or remove server roles and features.				
Windows Firewall with Adva Services	Server Summary		Server Summary Help		
WMI Control	Computer Information		Change System Properties		
H Es scorage	Full Computer Name:	OpusServer	View Network Connections		
	Workgroup:	WORKGROUP	Configure Server Manager Remote		
	Local Area Connection:	Not connected	Management		
	Local Area Connection 2:	Assigned by DHCP			
	VirtualBox Host-Only Network:	192.168.56.1, IPv6 enabled			
	Remote Desktop:	Enabled			
	Server Manager Remote Management:	Disabled			
	Product ID:	55041-178-8442575-84477 (Activated)			
	Do not show me this console at logon				
	⊘ Security Information		Go to Windows Firewell		
	Windows Firewall:	Public: On	Configure Updates		
	Windows Updates:	Download updates only, using a managed updating service	Run Security Configuration Wizard		
	Last checked for updates:	Yestenday at 18:35	🏀 Configure IE ESC		
	Last installed updates:	Today at 08:42			
	IE Enhanced Security Configuration (ESC):	On for Administrators On for Users			
	⊘ Roles Summary		Roles Summary Help		
	Roles: Collecting data		iio Co to Roles iiio Add Roles iiii Remove Roles		



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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 \rightarrow (All) Programs \rightarrow Furnplan. Alternatively, you can navigate to c:\ProgramFiles(x86)\FurnPlan\AdminHtml\ and execute Administration_FV.exe directly.

Password	
Log in	en v
change password old password new password confirm	
	Change

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.

ີ່ໃຈຢື່ Admin Dialog			
File Help			
	General Configuration of the projectmanager User configuration Store Global settings Global font setting Font type Scale V 1.0 ÷	Management Fumplan settings Use standard PDF viewer Currently used PDF viewer:FOXITREADER.EXE Force PDF Settings	
	Global calculation setting IwoFURN ✓ Adjust calculation parameters in fumplan Import calculation parameters from your ERP-appliction Read calculation from ERP or fumplan IWOfum Usemame Password Address	Proxy Address Usemame Password Domains Cloud ✓ Save data in the cloud Save	

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 font setting	
Font type	
	✓ X
Calibri	
Calibri Light	
Cambria	



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Global calculation setting
lwoFURN \checkmark
 Adjust calculation parameters in fumplan
O Import calculation parameters from your ERP-appliction
O Read calculation from ERP or fumplan
IWOfum
Usemame
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"

ili Ac	lmin Dialog				
File	Help				
	D+H Software GmbH	General Configuration of the project	manager User configura	ation Store Management	Configuration of the projectmanager
<u> </u>	Price management	H → Algemein	Kategorie: Allgeme	ein	
	Standard(Active)	E- E E E E E E	Name:	Allgemein	
		E Chnungsadresse	Description:	Allgemeine Informationen	
		🗄 📋 Architektenanschrift	Viewable:	Yes ~	
			Viewable in:	All ~	
			Linguistic text (Index):	25002	
			Attributes		
			Name		
			Kurzbezeichnung		
			Ansprechpartner		
			Auftragstyp		
			Warenwirtschaft		
		WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	Liefertermin		
		Water	Kalenderwoche		
			Bemerkung		
		New York Control of Co	VorPosText		
		Volume	NachPosText		

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

Algemen Tr Kurzbezeichnung Tr Ansprechpartner Tr Auftragstyp Tr Warenwittschaft Liefertermin Tr Kalenderwoche	General Configuration of the pro System Standard configuration Column	ojectmanager Use	er configuration	Store Management
Bemerkung VorPosText NachPosText Angelegt am Geändert am Tr Alte Planungsnummer Tr Planungsnummer Tr Auftragsnummer Ur Auftragsnummer Er Geranschrift Er Geranschrift Architektenanschrift	Allgemein Tr Description Tr Ansprechpartner Tr Auftragstyp Tr Warenwirtschaft Uefertemin Tr Kalenderwoche Bemerkung VorPosText NachPosText Angelegt am Tr Alte Planungsnummer Tr Planungsnummer	Eigenscha Name: Description: Viewable: Viewable in: Linguistic tex Adjusted fea Field type: Data type	ft : Description	n scription s ~ v 107

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*.

bud	
Save data in the cloud	
	Sava
	Sav





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

General Co	neral Configuration of the projectmanager User of						
💻 System							
Standard co	nfiguration	Column	configurat	ion			
List Lis	t with previ	ew pictur	es: Previ	ew picture:			
Available	columns:						
Category		Attribute	e				
Allgemein		Auftrage	styp				
Allgemein		Warenw	virtschaft	*			
Allgemein		Lieferte	rmin	*			
Allgemein		Kalende	rwoche	(
Allgemein		Bemerk	ung	(
Allgemein		VorPos	Text	1			
Allgemein		NachPo	sText	(
Allgemein		Angeleg	it am				
Allgemein		Geände					
Allgemein		Alte Pla	nmer 🔯				
Allgemein		Planung	(
Allgemein		Auftrage	nummer	E			
Allgemein		Custom	Field1	*			
Allgemein		Custom	Field2	*			
Allgemein		Custom	Field3				
Allgemein		Custom	*				
Kundenan	schrift	Anrede	*				
Kundenan	schrift	Zusatz					
Kundenan	schrift	Vornam					
Kundenan	schrift	Nachna					
Kundenan	schrift	Firma					
Kundenan	Kundenanschrift		Strasse				
Kundenan	schrift	Postleit					
Anning	a a lu						
Category	Attribute		Position	Viewable			
Allaemein	Descripti	on	1				
Allgemein	Ansprech	partner	2				

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"

🝿 Admin Dialog

File	Help						
D+H Software GmbH D+H Software GmbH D+H Software GmbH Settings Print management Standard(Active) Standard(Active) Standard(Active)	D+H Software GmbH	General	Configuration of the	ne projectmanager	User configuration	Store Management	
	Sonfiguration +						
	User control is active						
	Authori	Authorizations Group Departments User Approvals					
	Descript	Description Description					
	Approva	l - User	The logged on user can create approvals for other users in his assigned bra				
		Change user details		The user can change his additional information			
		Approva	l - department	The user can create approvals to his assigned departments			
		Visibility - store		The user can use the diretories of all users in his assigned branch			
		Approval - branch		The user can create approvals to his assigned branches			
		Change	log in details	The user can chan	ge his log in details		
	Visibility	- Department	The user can use t	the directories of all u	users in his assigned department		

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.

Konfiguration -

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



The projekt manager in FurnPlan.

Proje	ektmanager Planung			
- C)rganisieren -			🚯 🛛 Momentan geöff
3	Ansicht aktualisieren		tname	
8	Verzeichnisse ausblenden			
	Ansicht	۲		
	Verzeichnis			
	Planung			
×	Administration	•		
2	Benutzer	•	۵	Eigene Daten ändern
_			9	Freigaben

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

Eigene Daten ändern	
Anmeldedaten	
Benutzername:	Richter
Passwort:	
	Zeichen im Klartext anzeigen
Zusätzliche Informa	tionen
Vorname:	Henning
Nachname:	Richter
Übernehmen	Abbrechen

Select usertype.

Freigaben						x
Guid	Freigabetyp	An	Beginnt am	Endet am	Vom Administrator	
19afab45-4f2e-423a-a2d4-85	Benutzer 🗸					×
	Benutzer Abteilung Filiale					
					Hinzufügen Sch	ießen



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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.



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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

FurnPlan	· .	
Administration_FV		-⊐ Pin to taskbar
FP_S →⊐ Pin to Start		Run as administrator
Furn More	>	Open file location
Uninstall		
← Back		

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

General Configuration of the projectmanage	r User configuration	Branch management				
	You nee	d administrative rights to	edit the Branch Tra	nsfer administration!		
Use Branch Management						
Information						
Transfer-Service installed	Last S	Sync	20. Juni 2015 15:3	<u>6</u>		Show Log
Transfer-Service started 🛛 🌑						SHOW LOG
Common Settings		Service Settings			Action	
Hour of Transfertime	0	Domain			Install Service	Remove Service
Concurrent Connections	2	Usemame			instan Service	Hollove Service
Interval Time	300	Password			Start Service	Stop Service
Log Debug Entries						
Storelist						
Active Cust-No. Bra	nch					Last sync
						Edit
Svnc Now				Save	Save And T	est Reset
Sync Now				Jave	Jave And Te	110301







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

✓ Use Branch Management Information Transfer-Service installed ♥ Transfer-Service started ♥	Last Sync			Show Log
Common Settings Transfer (Hour) Concurrent Connections Time interval Log Debug Entries	0 Service Settings 0 Domain 2 Usemame 300 Password	DESKTOP-S0JMS3F	Action Install Service Start Service	Remove Service 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.



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6.4 Configuring the branch server

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

Use Branch Management		
Transfer-Service installed 💜 Transfer-Service started 💜	Last Sync	Show Log
Common Settings	Service Settings Action	
Transfer (Hour)	0 Domain DESKTOP-S0JMS3F	
Concurrent Connections	2 Usemame	Install Service Remove Service
Time interval	300 Password	
		Start Service Stop Service
Log Debug Entries		_
Active Cust-No. Branch	14243 Heek / Rönacker 2 Heek / Rön Activate synchronization for this branch. Last sync Target-path Timezone	Show Log Choose

- 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 <u>\\SRV_Fil_2\FurnPlan\projects</u>. 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.



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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 "<u>\\srv01\furnplan</u>"

1. Starting the administration level (Admin Dialog)

The application can be executed by clicking "Administration_FV.exe" under Start \rightarrow (All) Programs \rightarrow 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	
Log in	en v
change password old password new password confirm	
	Change

2. Select "Price management" from the Admin dialog

💕 Admin Dialog



3. The price management functionality is loaded:

Calculation at manufacturer General calulation	r's level Calculation at programm's	level Support for calculatio	n			
Manufacturer	Alternative manufac	Type of calculation	Price type	Surcharge in %	ExternCalcFile	Rounding type
	2		4	5	6	Standard price rounding
noted		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.



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[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, tailormade 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 <u>percentual</u> 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.



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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 provisionary surcharge for the manufacturer concerned of, say, 100%.

disadiary.	Manufacturer XYZ	CONVENT	INEK	100

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



 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.

Calculation a	at manufacturer'	's level Ca	alculation at p	programm's level	Support for calculation	1					
Filter Manufct.	ralial		~ [Premium selection							
Group	CONVENT		~	Assign							
Show	Show only individual premium										
i 📄 🎺	👪 🙀 🔌 Б	¢port ∙∣	Text:	4	30	Search 🛛 💎 Filter da	ta 🛛 密 Adjusted	filter 🝷			
Selection	Manufacturer	ProgShor	t Range		Type of calculation	Price premium in %	ILN	Start date	End date	WaWiSign	Alternative program name
					CONVENT	100	4049347000003			Article settings	
	- the	-			CONVENT	100	4049347000003			Article settings	
		-	-		CONVENT	100	4049347000003			Article settings	
		-	-		CONVENT	100	4049347000003			Article settings	
		-	-		CONVENT	100	4049347000003			Article settings	
		-	-		CONVENT	100	4049347000003			Article settings	
		-			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.







Harring	Hite previe	··· ·					
Ref Traffer	1.00						
	Positio	n Article number	Description	H/W/D	quantity	single price	total price
	1	11.48.48.88	chest of drawers with 3 drawers	96.0 / 60.0 / 50.	0 1.00	1,218.00	1,218.00
			carcase colour: white				
			carcase surface: matt				
			drawer frames colour: graphite				
	1.1	100.00.00	tide parel	38.7 / 8.6 / 38.7	1.00	128.48	128.48
			test dente secul lesar				
	1.6	499.42.58.1	cover board	0.6 / 61.6 / 50.0	1.00	96.00	96.00
			cover board material: lacquer				
			cover board colour: white				
			cover board surface: matt				
						Subtotal:	1,848.00
Ref Traffer	1000-11	1.1					
	Positio	n Article number	Description	H/W/D	quantity	single price	total price
	2	122.00.00.00	base frame	39.1 / 80.0 / 47.	8 1.00	445.00	446.00
			plinth colour: white				
					tone T	ISCH Subtotal:	446.00
						Total price:	2 294.00 FUR

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			
File Help			
D+H Software GmbH 14243 Heek / Rönacker 2 Settings Print management Standard(Active) Price management Standard(Active)	Calculation at manufacturer's level Support for calculation current price target p 173 299 current surcharge in ? 0 ground price New su 173.000 72.832	Calculation at programm's level	Support for calculation

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".



0.00

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រ៉ៃរ៉ំ A	dmin Dialog								
File	Help								
	D+H Software GmbH 14243 Heek / Rönacker 2 Settings Print management Standard(Active) Price management Standard(Active)	Calculation Filter Manufct. Group Show	All only individual p	's level Cal	Culation at programma level Surcharge selectio 72.832 Assign	Support for calculation			
			🥶 🙀 🌛 Ex	port • T	ext:	80	Search 💡 Filte	er data 🛛 冢 Adju	sted filter 🔻
		Selection	Manufacturer	ProgShort	Range	Type of extentation	Surcharge i 🗢	ILN	Start date
			othed	arite	ANDER	CONVENT	72.832	4049347000003	
			rolled	them .	84670L	CONVENT	72.832	40493470,0003	
			milled	-	8400	CONVENT	72.832	4913347000003	
			rolled	1230	1.81230	CONVENT	100	4049347000003	
		\checkmark	rolled	-	\$748,4547	CONVENT	72.832	4049347000003	

- 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 " \mathfrak{I} " (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:

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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.

D+H ERROR MESSAGE	×
ATTENTION: The surcharge factor has not been implemented. Please contact your administrator.	
Manufacturer: Manufacturer XYZ Program: Program 1	
ОК	

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



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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.

Calculation at manufacture	er's level Calculation at progra	amm's level Support for ca	lculation					
Filter Manufct. All Group	> Surci	harge selection Assign						
: 🖂 🖌 🛤 🙀 🔌	Export • Text:		🗞 Search <table-cell> 💡 Fi</table-cell>	lter data 🛛 🗑 Adjus	ted filter 🝷			
Selection Manufacture	r ProgShort Range	Type of calo	culation Surcharge in S	% ILN	Start date End date	WaWiSign	Alternative program name	PDF
institution	444 4124	CONVENT	-100	444000000109		Article settings		⊖ Add
Calculation at manufacture	er's level Calculation at progr	amm's level Support for ca	alculation					
General calulation								
: 📄 👪 🗶								
Manufacturer	Alternative manuf	Type of calculati	Price type	Surcharge in %	ExternCalcF	ie I	Rounding type	e-mail
untradar.			UVP	<mark>-100</mark>		S	Standard price rounding	
notified		CONSIGNT	IBEK	100		S	Standard price rounding	
		COMPARENT.	TRFK	100		ç	Standard price rounding	

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.

fp FurnPlan		
Projectmanager	Planning	PDF view
)8(
C+C) 🗵 🜔	

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"



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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.



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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)

fp FurnPlan Projectmanager Planning	- =
	Colline hel Colline hel Collin
	installed version 2012.6.0 Version available 2016.4.0
	License holder –
	14243 D+H Software GmbH
	Base hotline —
	+49 (0) 2568 9320 40
	Hotline for furniture planning —

8.3.2 Starting remote support from the Windows start menu

Click Start \rightarrow all Apps



FurnPlan→Remote Support









8.3.3 Starting Remote Support over the internet

Download and install TeamViewer or AnyDesk from the following links



Alternatively, navigate to www.furnplan.de Either click TeamViewer or AnyDesk in the lower right corner.







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

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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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