



pCon
PLANNER

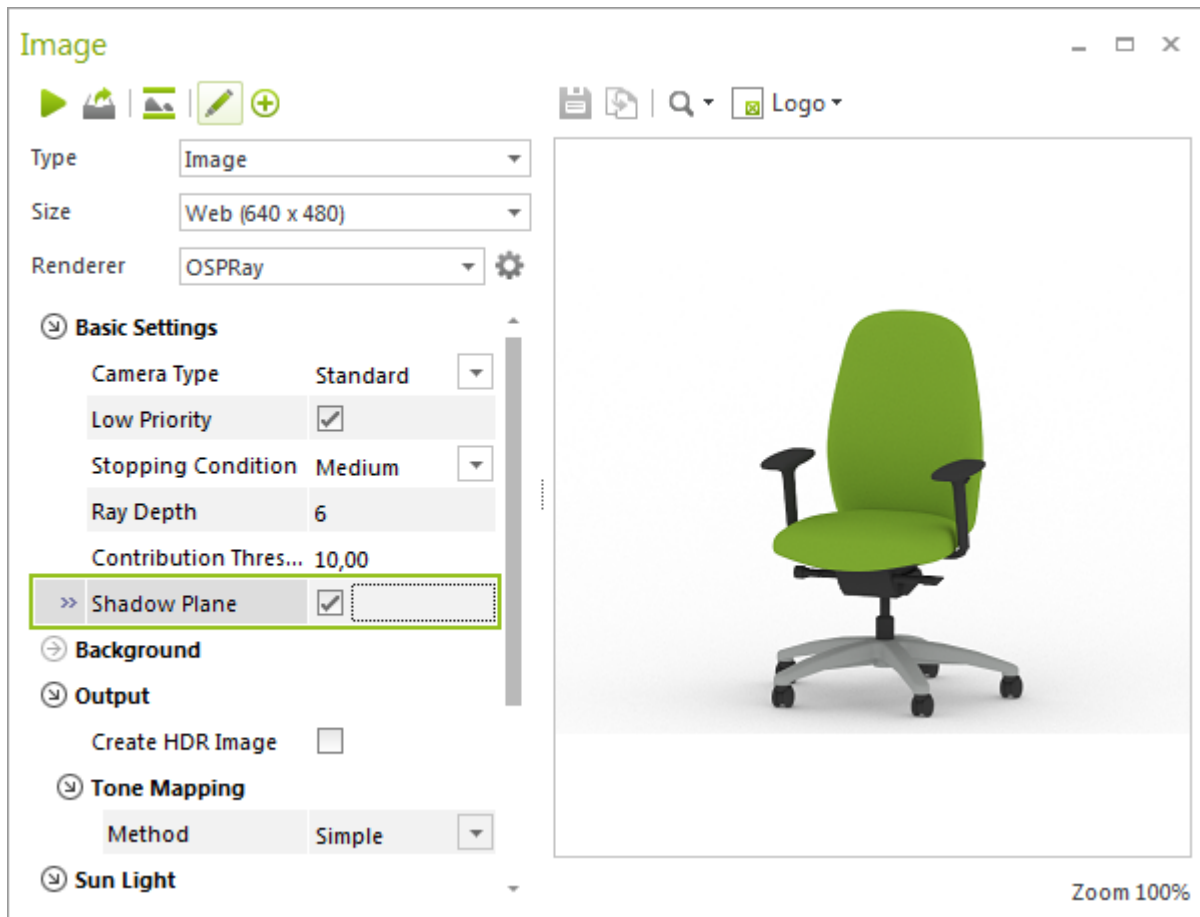
New features in pCon.planner 7.5 PRO

Content

1	Your Products in the Right Light with OSPRay	3
2	Exporting multiple cameras for photo-realistic panoramas	4
3	Panoramic Images fit for Social Media.....	4
4	New OBK Import Function	4
5	Changes in Print and Layout.....	5
5.1	More freedom in layout area	5
5.2	Improved print page dimensioning	5
5.3	Improved vector printing.....	5
6	Drawing Element Developments.....	6
6.1	Inserting cylindrical bodies	6
6.2	Intuitively inserting drawing elements	6
7	Refined Circular Dimensioning.....	7
8	Other Changes and Developments	8
8.1	Setting coordinate origin: Additional shortcut	8
8.2	UCS when moving: Behavior adapted	8
8.3	Positioning dimensions and elements in top view	8
8.4	Backup Copies: Everything in one place	9
8.5	Application Notice: End of support for 32-bit operating systems and Windows Vista	9

1 Your Products in the Right Light with OSPRay

Use the new *Shadow Plane* setting to create individual images of your product models. With little effort, you can generate product images and visual configuration possibilities for photo-realistic product presentations.



The basis of the setting is a neutral surface area, which provides the depicted object with realistic shadowing.

The product renderings are perfect for further photo editing: In combination with a transparent background, images with shadow display are created and can easily be implemented into office and living landscapes.

Rendering with an open scene also saves on rendering time.

Shadow Plane is integrated with the other OSPRay settings. For your product renderings, we recommend setting *Tone Mapping* to simple. You can read more about this feature here:

[pCon.planner Help: Photorealistic Images](#)

2 Exporting multiple cameras for photo-realistic panoramas

We're expanding the network rendering for the image type *Panorama*. Until now, you could only render single panorama images from the currently-set view in the network. Now, the export of cameras is also available.

Select the option *Panorama* in the *Image* dialog. Determine your settings and click on the *Export* button. The *Cameras* option allows you to select all camera views that you would like to use for rendering.

 [pCon.planner Help: Single Frames](#)

3 Panoramic Images fit for Social Media

Upload your panoramic images online and present them directly in a 360° view. You can do this with panoramas in JPEG format now. pCon.planner 7.5 furnished these images with meta-information that can be displayed as a 360° panorama. Share a view of your plan on Facebook, for example, and the social network will automatically present the JPEG in 360°. Viewers can then use the mouse to navigate through the panorama with ease.

To use this feature: Render a *Panorama* in the *Image* dialog. When saving, selecting the file format JPEG. Then, upload the panorama online.

4 New OBK Import Function

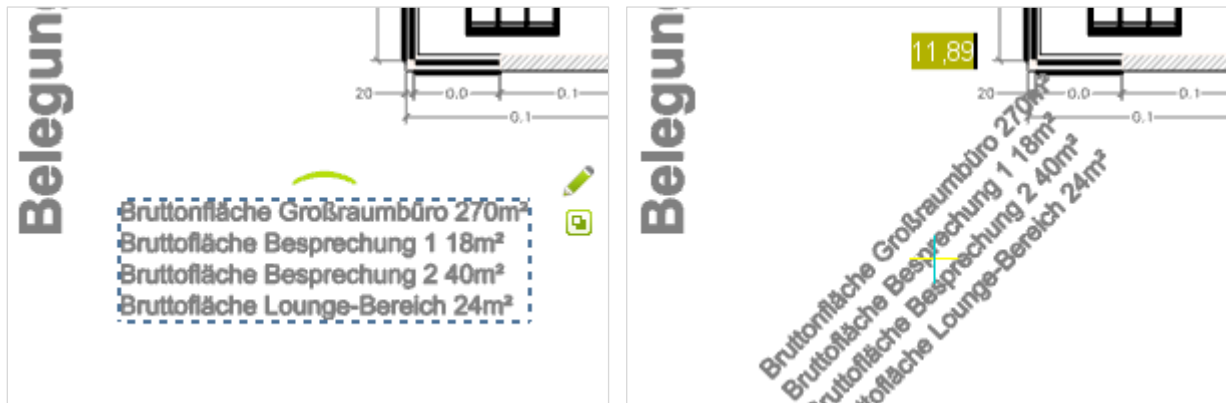
A new OBK import strengthens the connection between pCon.basket (desktop version) and pCon.planner, and improves the collaboration between the sales department and planners. Load an article list in OBK format into pCon.planner 7.5 and the graphical models for the included articles will be loaded – neatly arranged and including their desired configurations.

5 Changes in Print and Layout

5.1 More freedom in layout area

More possibilities to structure your print page are achieved through the new rotation interactor in the layout area. The interactor allows you to rotate text, drawing elements and stamps.

You can reset the rotation of your stamps using the context menu.



[pCon.planner Help: Positioning Objects](#)

5.2 Improved print page dimensioning

You can also look forward to dimensioning your print pages with pCon.planner 7.5: By default, measurements are now connected to the content of the viewport. This makes the dimensioning process quicker and more precise. The accidental creation of dimensions on guidelines and elements above your view is also avoided.

If you are placing dimensions over several viewports or a drawing element, the program will indicate this to you. In doing so, pCon.planner can precisely distinguish between dimensions in the plan and dimensions on the print page. Therefore, you can always be sure that you are inserting the exact dimensions you need.

[pCon.planner Help: Inserting and Editing Objects](#)

5.3 Improved vector printing

Vector printing quality has also been improved. With pCon.planner 7.5, we have optimized the logistics of the vector printing so that you can print more clearly and efficiently.

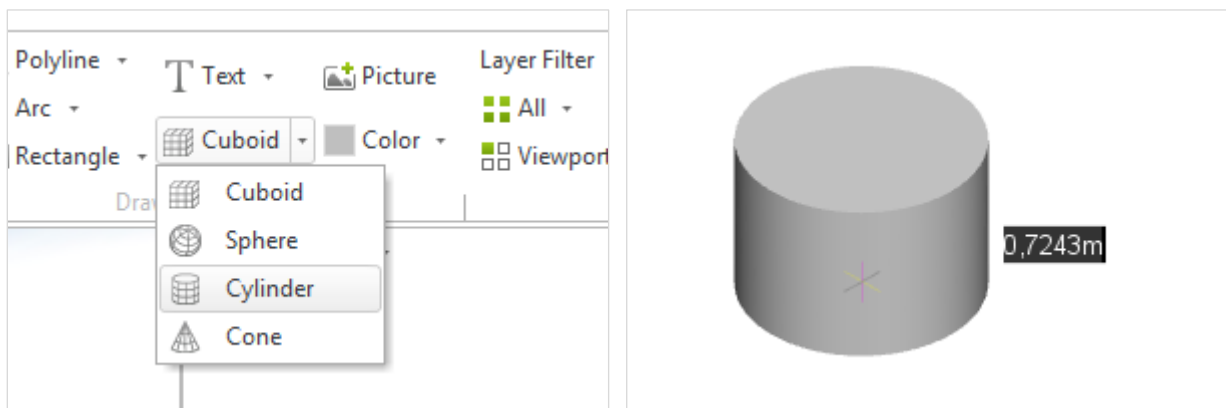
[pCon.planner Help: Inserting and Editing Objects](#)

6 Drawing Element Developments

6.1 Inserting cylindrical bodies

The 3D elements group is growing: In the planning area, the cylinder element has been added next to the sphere, cone and cube elements. You can find this option, as usual, under the *Start* tab in the *Drawing Elements* group.

This new feature allows you to create a cylinder in just a few steps. Until now, creating a cylinder required you to first insert a circle and then extrude it.

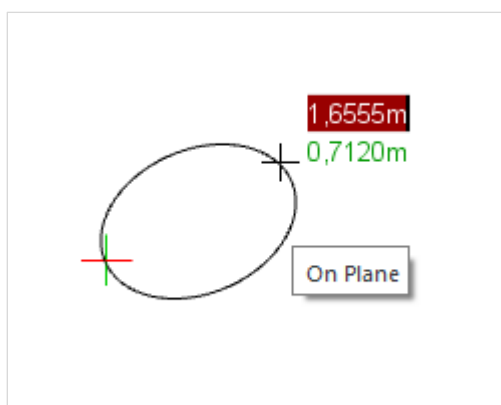


[pCon.planner Help: Cylinder](#)

6.2 Intuitively inserting drawing elements

Once you select a drawing tool in pCon.planner 7.5, your 2D and 3D drawing primitives will be directly attached to the mouse. You can then see the drawing element directly in its future position. Click to place the element in the desired location and then adjust the size and alignment.

For drawing elements (e.g. inserting a rectangle using the center point and a corner point instead of two corner points), you can now select the insertion point before starting the drawing process by pressing **Y** or using the context menu. This helps ensure that your drawing element is drawn in the correct position.



You also no longer have to insert ellipses along the BKS axis. Here, the new drawing process ensures free placement in an area along a freely-selected axis. Subsequent rotation is no longer necessary.

[pCon.planner Help: Insert Drawing Elements](#)

7 Refined Circular Dimensioning

With pCon.planner 7.5, you can dimension even more circular structures. Circular dimensioning is now also possible for circular surfaces without a center point: Using three points, you can create an auxiliary circle. With this, you can set the radius or diameter.

This option allows for the dimensioning of diameters for three-dimensional drawing elements or for the curves of object edges.

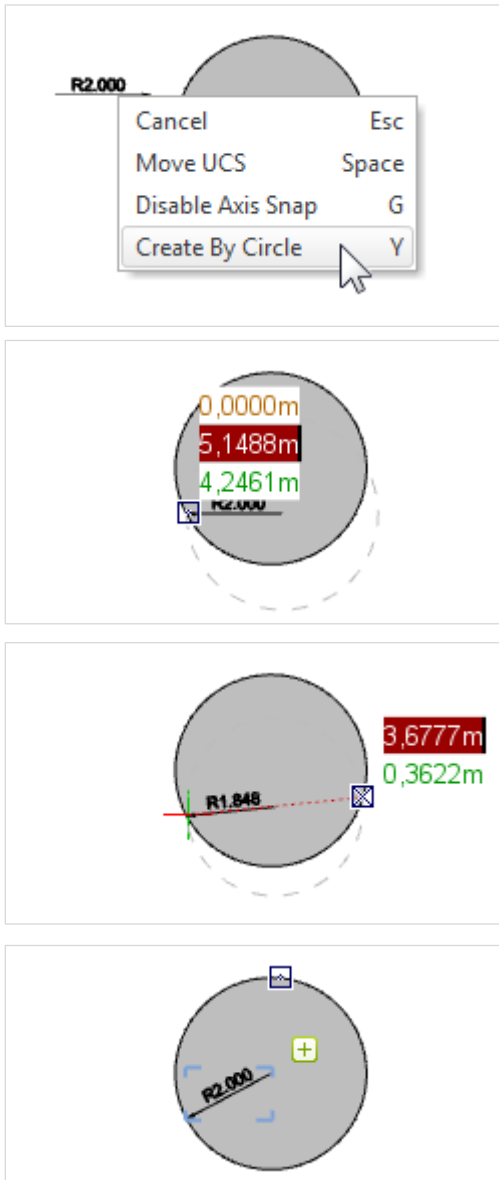
You can find this new option in the context menu.

1. Start the *Radial* or *Diametric Dimension* option under the *Edit* tab in the *Dimensioning* group.
2. Right click to open the context menu.
3. Select the entry *Create by Circle*
4. Click three points, one after the other, over the circle line. pCon.planner will insert the measurement at the correct position.

When dimensioning radii, the first click will determine the position of the arrow head.

Improved circle dimensioning is also available in the layout area.

[pCon.planner Help: Circular Dimensioning](#)



8 Other Changes and Developments

8.1 Setting coordinate origin: Additional shortcut

A new shortcut allows you to efficiently relocate the User Coordinate System origin. Press **C** to change the UCS between three positions.

1. The origin of the World Coordinate System
2. The user's last selected UCS position
3. pCon.planner's last suggested position

Relocating the coordinate origin can help when you want to undo the automatic UCS shift during various pCon.planner operations. Simply press **C** during the respective planning step. Quickly switching the UCS is also beneficial when inserting drawing elements.

8.2 UCS when moving: Behavior adapted

When you use the *Move* tool, the UCS origin will remain at its previously defined position. This behavior corresponds with the handling in pCon.planner 7.3. Using the **C** key, you can easily switch between the various UCS positions (see Section 8.1).

8.3 Positioning dimensions and elements in top view

In *Top* view, dimensions and drawing elements will now be inserted by default on the zero level of the UCS.

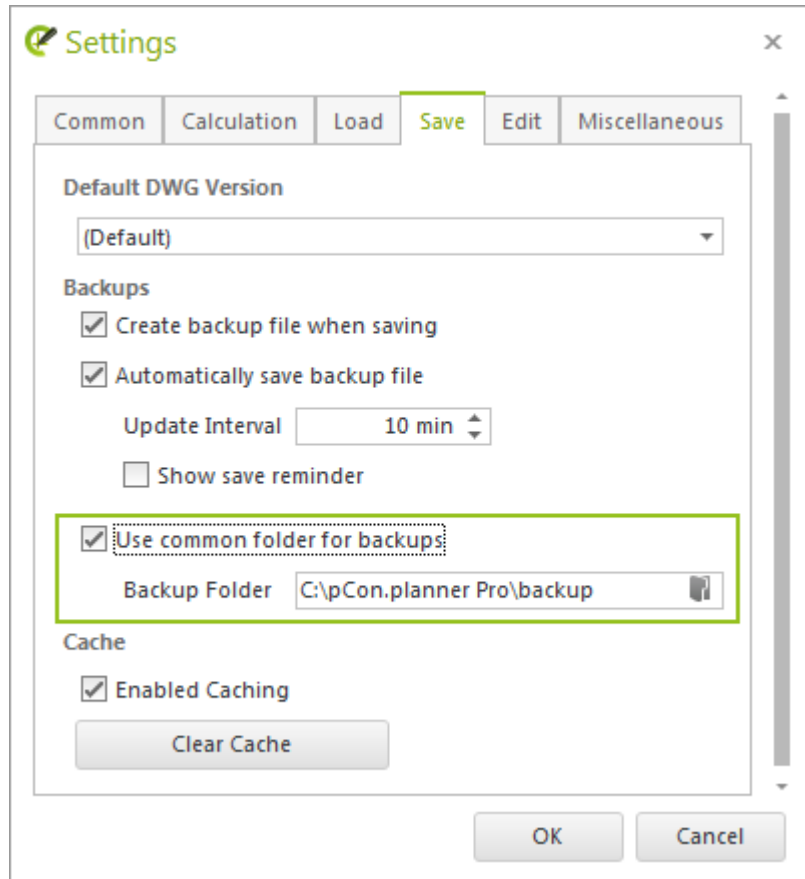
Previously, these elements in top view would automatically be placed on the top edge of the objects within the plan. This behavior corresponds to the drawing of objects in all other views in pCon.planner.

Now, using the corresponding option in the context menu, you can also place the insertion level on top of the already existing walls and furnishings when in top view.

8.4 Backup Copies: Everything in one place

A project, a folder, ten plans – quite a few backup copies result. Backup copies offer important protection against errors and crashes. Nevertheless, they can get confusing. This is why we've made it possible to define a default path, under which pCon.planner 7.5 will automatically and safely store all of your backup copies. This helps you to manage your directory content and quickly find a backup copy when needed.

The path for backup copies can be found in the pCon.planner start menu under the *Program Settings, Save* tab.



8.5 Application Notice: End of support for 32-bit operating systems and Windows Vista

Starting with pCon.planner 7.5, Windows Vista will no longer be supported. Support for 32-bit operating systems has also been eliminated.

More information can be found in the current [system requirements](#).

Legal remarks

© 2017 EasternGraphics GmbH | Albert-Einstein-Straße 1 | 98693 Ilmenau | GERMANY

This work (whether as text, file, book or in other form) is copyright. All rights are reserved by EasternGraphics GmbH. Translation, reproduction or distribution of the whole or parts thereof is permitted only with the prior agreement in writing of EasternGraphics GmbH.

EasternGraphics GmbH accepts no liability for the completeness, freedom from errors, topicality or continuity of this work or for its suitability to the intended purposes of the user. All liability except in the case of malicious intent, gross negligence or harm to life and limb is excluded.

All names or descriptions contained in this work may be the trademarks of the relevant copyright owner and as such legally protected. The fact that such trademarks appear in this work entitles no-one to assume that they are for the free use of all and sundry.