

## Product documents (Date 2021-02-24)

### Sales-Matrix: pCon.planner 8.5 – Differences between editions

<b>Persistency</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Loading and saving of DWG- and DWT-files	X	X	X
Conversion and support of older DWG formats	X	X	X
Extended template support including standard templates	X		X

<b>Import</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Geometry format (dwg, dwt, dxf, sat, sab, 3ds, skp)	X	X	X
Extended Geometry (dae, fbx, gltf, obj, stl, 3mf)	X		X
OFML format (fml, env)	X	X	X
OFML format (ogrp)		X	X
Projects from pCon.basket Offline (obk)		(X)	X
OBX			X
EOX			X
pCon Exchange Container (pec)	X	X	X
Acoustics data CadnaR (cnivg)			X
IFC 2.3 + IFC 4 (ifc)	X		X
PDF	X		X
Extended CAD formats (Step, IGES)			X
Photometric data (ies, ldt/ Eulumdat)	X	X	X
Image format (png, bmp, tif, tga, gif, jpg)	X	X	X

<b>Export</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Geometry format (dwg, dxf, dwt, 3ds)	X	X	X
Image format (png, bmp, jpg, tif, epx)	X	X	X
Clipboard 3D: MS Office, SkechUp, AutoCAD	X		X
Clipboard 2D: MS Office, Adobe Creative Suite	X		X
2D vector graphics: PDF, SVG, EMF, DWG/DXF	X		X
Additional geometry formats (dae, skp, obj, fbx)	X		X
STL Format (stl)			X
Vector image (svg, emf, dwg, dxf)	X		X
Article information (fml, obx, csv):			
- considers active manufacturer only (manufacturer-specific)		X	
- considers all manufacturers (manufacturer-comprehensive)			X
Export of article information as Excel document <sup>1</sup>		X	X
Projects for pCon.basket (obk)			X
pCon Exchange Container (pec)	X	X	X
IFC 4 (ifc)			X
Export of product data for Autodesk® Revit®			X
AR Exports (USDZ and GLTF Export)	X	X	X

<sup>1</sup> Requires Microsoft Excel installed

<b>Media content</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Image	X	X	X
Panoramic images	X	X	X
Illustration	X		X
Animations	X	X	X
Videos	X	X	X
Media Browser to manage the media content	X	X	X
Renderer: OSPRay, Yafaray, Realtime	X	X	X
Multi Content Pictures			X
<b>Multi Content Panoramas</b>			X
Export for external rendering (OSPRay, Yafaray)			X
Render Styles	X		X
Add logo to animations / images	X	X	X
Add spherical panoramas as image background	X	X	X
Link to Impress (Sharing 3D Models)	X	X	X
Generation of product images for set and user articles			X
Photo-realistic product images for postprocessing in image editing programs	X	X	X
Picture editor	X		X
Photometric Lights	X	X	X
<b>Printing</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Image print	X	X	X
Image export	X	X	X
High quality printout (vector based)	X	X	X
Printing to scale	X	X	X
Layout tool including options for dimensioning, features for professional positioning of views, handover of selections from planning to printout pages			X
PDF creation	X		X

<b>Architecture</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Wall elements (walls, windows, round window, doors, glass fronts, gates, openings)	X	X	X
Wall objects (sockets, network sockets, switches, ...)	X	X	X
Light sources (spot, point, directional, area, ambient light)	X	X	X
Additional elements (ceiling with grid, floor, stairway, pillars, railing, blinds, roof pitch, dormer)	X	X	X
Installation elements (radiator, pipework)	X	X	X
Creating wall objects	X	X	X
Space management (room splitter and room stamp)	X		X
Interactive element placement	X		X
Floor plan tool	X		X
<b>Drawing</b>			
	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Shapes (rectangle, polygon, line, circle, ellipse, arc, ...)	X	X	X
Freehand tool	X	X	X
Solids (cone, sphere, cube, cylinder)	X	X	X
Texts	X	X	X
Advanced Text	X		X
Dimensioning	X	X	X
Rounding Edges (2D)	X	X	X
<b>Construction</b>			
	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Subtract	X		X
Merge	X		X
Intersect	X		X
Stretch	X		X
Slice	X		X
2D Crop	X		X
Follow me tool	X		X

<b>Tools</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Duplicate (array, quick copy, clipboard operations)	X	X	X
Move (rotate, move, object interactor)	X	X	X
Change (scale, mirror, extrude – expanded -, region)	X	X	X
Hide, lock and group objects	X	X	X
Replace	X	X	X
Materials (picker, fill color, texture edit)	X	X	X
Material editor	X	X	X
Property editor	X	X	X
Purge and audit documents	X	X	X
Recovery Mode	X	X	X
Interactive property transfer	X	X	X
Property container	X	X	X
Definition of insert point	X		X
Creation of reference copies	X		X
Guiding lines	X	X	X
Editing of groups	X	X	X
Arrangement and Alignment	X	X	X
Hatches	X	(X)	X
2D Symbol	X		X
<b>2D Projection</b>			X

<b>Dimensioning</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Straight dimensioning	X	X	X
Automatic wall dimensioning	X	X	X
Aligned and angle dimensioning	X		X
Callouts	X	X	X
Dimensioning for radii, diameters and arcs	X	X	X
Dimension style editor	X		X
Import of dimension styles	X		X

<b>Online content</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
pCon.catalog	X	X	X
Access to symbols of online catalogs	X	X	X
Product Information (dynamic online service)	X	X	X

<b>OFML</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Article features (catalog, article list, exports, print preview): - for specific manufacturer - for as many manufacturers as desired		X	X
Using article data with multiple price dates		X	X
Special articles: - conversion of standard OFML articles (commercial changes) - constructive modification of OFML articles (graphical changes) - conversion of arbitrary geometries		X	X X X
Profile manager		X	X
Extended article search		X	X
Folder manager			X
Article Selection			X
Switch between 2D and 3D representation			X
Reference numbers			X
Set Articles		X	X
OAP support		X	X

<b>Workspace</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Realtime display modes (wireframe, hidden line, colored, textured, conceptual, shaded, realistic)	X	X	X
View control (perspective, orthogonal, ISO, object)	X	X	X
Add spherical panoramas as image background	X	X	X
Add HDRI image as environment light source	X	X	X
Individual setup of workspace with independent viewports	X	X	X
Navigation panel (zoom, pan, orbit, look around, walkthrough)	X	X	X
Create, use and delete custom cameras	X	X	X
Custom toolbars	X	X	X
Context sensitive mini toolbar	X	X	X

<b>Layer</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Management of layers - considering all viewports simultaneously (global) - independent layer management for each viewport (local)	X X	X	X X
Additional layer operations (add, remove, rename, select all objects, assign layer to objects, filter by layer names)	X		X
Editor to create custom layer filter	X		X
<b>Plugin Interface</b>			
<b>Plugin Interface</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Plugin SDK			X
<b>Misc</b>			
<b>Misc</b>	<b>STD</b>	<b>ME</b>	<b>PRO</b>
Compatibility mode for less capable hardware	X	X	X
Quality level for solid tessellation	X	X	X
Multiple instances	X		X
<b>pCon.login support</b>		X	X
Protection by license management			X
Extended command line parameters			X
Live View	X	X	X

## Legal remarks

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