

## Product documents (Date 2018-03-26)

### Sales-Matrix: pCon.planner 7.7 – Differences between editions

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

<b>Import</b>	<b>STD</b>	<b>PRO</b>
Geometry format (dwg, dwt, dxf, sat, sab, 3ds, skp)	X	X
Extended Geometry (dae, fbx, gltf, obj, stl)	X	X
OFML format (fml, env)	X	X
OFML format (ogrp)		X
Projects from pCon.basket Offline (obk)		X
OBX		X
EOX		X
pCon Exchange Container (pec)	X	X
Akustikdaten CadnaR (cnivg)		X
Industry standards (ifc)	X	X
Image format (png, bmp, tif, tga, gif, jpg)	X	X

<b>Export</b>	<b>STD</b>	<b>PRO</b>
Geometry format (dwg, dxf, dwt, 3ds)	X	X
Image format (png, bmp, jpg, tif, epx)	X	X
3DWeb for Impress (3dweb)	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) - considers all manufacturers (manufacturer-comprehensive)		X
Projects for pCon.basket (obk)		X

pCon Exchange Container (pec)	X	X
Export of product data for Autodesk® Revit®		X

<b>Media content</b>	<b>STD</b>	<b>PRO</b>
Images	X	X
Panoramic images	X	X
Animations	X	X
Videos	X	X
Media Browser to manage the media content	X	X
Renderer: OSPRay, Yafaray, Realtime	X	X
Multi Content Pictures		X
Export for distributed rendering (OSPRay, Yafaray)		X
Render Styles	X	X
Add logo to animations / images	X	X
Add spherical panoramas as image background	X	X
Link to Impress (Sharing 3D Models)	X	X
Generation of product images for set and user articles		X
Photo-realistic product images for postprocessing in image editing programs	X	X

<b>Printing</b>	<b>STD</b>	<b>PRO</b>
Image print	X	X
Image export	X	X
High quality vector image combination based printout	X	X
Printing to scale	X	X
Layout tool including options for dimensioning, features for professional positioning of views, handover of selections from planning to printout pages		X

<b>Architecture</b>	<b>STD</b>	<b>PRO</b>
Wall elements (walls, windows, round window, doors, glass fronts, gates, openings)	X	X
Wall objects (sockets, network sockets, switches,...)	X	X
Light sources (spot, point, directional, area, ambient light)	X	X
Additional elements (ceiling with grid, floor, stairway, pillars, railing, blinds, roof pitch, dormer)	X	X
Installation elements (radiator, pipework)	X	X
Creating wall objects	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>PRO</b>
Shapes (rectangle, polygon, line, circle, ellipse, arc, point, arrow)	X	X
Freehand-tool	X	X
Solids (cone, sphere, cube, cylinder)	X	X
Rounding Edges (2D)	X	X
Texts	X	X
Line styles	X	X
<b>Construction</b>	<b>STD</b>	<b>PRO</b>
Subtract	X	X
Merge	X	X
Intersect	X	X
Follow me tool	X	X

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

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

<b>Catalogs</b>	<b>STD</b>	<b>PRO</b>
pCon.catalog - access to symbols of online catalogs	X	X
3D Warehouse browser	X	X

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

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

Layer	STD	PRO
Management of layers - considering all viewports simultaneously (global) - independent layer management for each viewport (local)	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>STD</b>	<b>PRO</b>
Plugin SDK		X

  

<b>Misc</b>	<b>STD</b>	<b>PRO</b>
Compatibility mode for less capable hardware	X	X
Quality level for solid tessellation	X	X
Multiple instances	X	X
Protection by license management		X
Extended command line parameters		X

## Legal remarks

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