EasternGraphics

Differences between editions
State: pCon.planner 8.16

Persistency	**Std**	**ME**	**Pro**
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
Name and link properties on objects	X		X

Import	**Std**	**ME**	**Pro**
Geometry format (DWG, DWT, DXF, SAT/SAB, 3DS, SKP)	X	X	X
Extended Geometry (Collada/DAE, FBX, GLTF, OBJ, STL, USD)	X		X
Point clouds (E57, PLY)			X
Microstation (DGN)			X
pCon.box projects **(**PBOX)	X	X	X
pCon.basket projects (OBK)		X	X
EasternGraphics OBX		X	X
EasternGraphics EOX	X	X	X
pCon Exchange Container (PEC)	X	X	X
Acoustics data CadnaR (CNIVG)			X
IFC 2.3 + IFC 4 (IFC)	X		X
Portable Document Format (PDF)	X		X
Extended CAD formats (Step, IGES) – Meshes only			X
Photometric data (IES, LDT/Eulumdat)	X	X	X
Image format (PNG, BMP, TIF, TGA, GIF, JPG, WEBP)	X	X	X

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Export	Std	ME	Pro
Geometry format (DWG, DXF, DWT, GLTF, USDZ, 3DS)	X	X	X
Image format (PNG, JPG, BMP, EXR)	X	X	X
Clipboard 3D: MS Office, SkecthUp, AutoCAD	X		X
Clipboard 2D: MS Office, Adobe Creative Suite	X		X
Clipboard Articles: pCon.basket (Online + Offline)		X	X
2D Vector Graphics (PDF, SVG, EMF, DWG/DXF)	X		X
Additional Geometry Formats (Collada/DAE, FBX, SKP, OBJ)	X		X
STL Format (STL)			X
Article List: View and Export (OBX, OBK) - for active manufacturer only - for all manufacturers		X	 X
Export of Article and Model list as CSV and Excel document[1]	**X**	**X**	**X**
Direct quote generation with pCon.basket		**X**	**X**
pCon Exchange Container (PEC)	X	X	X
IFC version 4 (IFC)			X
Material Report			X
Export of product data for Autodesk® Revit®			X
ReCAD export to Relux			X

[1] Requires Mircosoft Excel installed

Media content	Std	ME	Pro
Images	X	X	X
AI Images	X	X	X
Panoramic images	X	X	X
Vector Graphic	X		X
Animations	X	X	X
Videos	X	X	X
Media Browser to manage the media content	X	X	X
Renderer: OSPRay, Realtime	X	X	X
Multi Content Pictures			X
Multi Content Panoramas			X
Export for external rendering (OSPRay)			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 Models)	X	X	X
Photo-realistic product images for postprocessing in image editing programs	X	X	X
Picture editor	X		X

Printing	Std	ME	Pro
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

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Architecture	Std	ME	Pro
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 light, point light, directional light, area light, ambient light, , photometric lightsources)	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
Convert point cloud to floor plan			X

Drawing	Std	ME	Pro
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

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Construction	Std	ME	Pro
Subtract	X		X
Merge	X		X
Intersect	X		X
Stretch	X		X
Slice	X		X
Follow me tool	X		X

Tools	Std	ME	Pro
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
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
Comments	X	X	X
Arrangement and Alignment	X	X	X
Hatches	X	(X)	X
2D Symbol	X		X
2D Crop	X		X
2D Projection			X
Clipping	X	X	X

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Point Cloud clipping			X
Create and manage attachments			X

Dimensioning	**Std**	**ME**	**Pro**
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
Area measure for certain elements	X	X	X

Online content	**Std**	**ME**	**Pro**
pCon.catalog	X	X	X
Support for configurable models	X	X	X
Support for online B2B catalogs/articles	X	X	X
Access to symbols of online catalogs (3D Warehouse)	X	X	X
Product Information (dynamic online service)	X	X	X

OFML	**Std**	**ME**	**Pro**
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 - constructive modification of OFML articles - conversion of arbitrary geometries		X	X X X
Profile manager		X	X

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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

Workspace	**Std**	**ME**	**Pro**
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
Live View	X	X	X

Layer	**Std**	**ME**	**Pro**
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)	X		X
Editor to create custom layer filter	X		X

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Misc	Std	ME	Pro
Compatibility mode for less capable hardware	X	X	X
Quality level for solid tessellation	X	X	X
Multiple instances	X		X
pCon.login support		X	X
Protection by license management			X
Extended command line parameters			X
Plugin SDK			X

Legal remarks

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