

	ARC+ 2005	ARC+ 2007	ARC+ 2009	ARC+ 2011	ARC+ 2012	ARC+ X8	ARC+ X9	ARC+ X10
IFC 4 (import/export) compatibility								✓
IFC 2x3 (import/export) compatibility							✓	✓
Solid mode OpenGL 3.3								✓
New 2D Camera management								✓
Real Time dynamic section								✓
Real time Shadows								✓
New Wall Definitions								✓
3D Wall Layers								✓
BIM materials IFC 3 , 4								✓
Wall by project / Archive								✓
New import 3D								✓
Skecthp 2018 ,Rhino, Revit (free plugin), OBJ, DAE, Blender, IGES, Step, WRML, PLY, FBX, IFC, LWO, and many others								✓
Post process geometry : Smoothing, Merge, Recalculate normals, Recalculate Texture coordinates, Delete, Etc								✓
Replace Material, apply physics materials								✓
Reduce geometry size								✓
Fix geometry problem of imported models								✓
Import / Export DWG 2018								✓
New 2D vector production that considerate smoothing and do not create all triangles lines								✓
DashedBack edge								✓
High performance in save 2D								✓
Production of 2D image high resolution								✓
Easy communication of the rendered project						✓	✓	✓
NEW Physics Render								✓
Full Physics Phorealistic Render CUDA based								✓
MDL Materials								✓
Animation Camera, Artificial Lights, Background, Sun								✓
VR Panorama								✓
Stereo Images								✓
Edit image infinal quality in real time								✓
Easy to use, no skill required								✓
Textures database							✓	✓
.IES format compatibility							✓	✓
Artificial lights management							✓	✓
Multi-windows							✓	✓
Formats file import : PDF, DOC/DOCX, SVG, PLT						✓	✓	✓
Area manager						✓	✓	✓
New option : save in Artlantis format			V2	V2/3	V2/3/4	V3/4/5	V3/4/5	✓
Internal Render improved						✓	✓	✓
Import DWG/DXF						✓	✓	✓
Command "new polygon"				✓	✓	✓	✓	✓
Import DWG/DXF				✓	✓	✓	✓	✓
Internal Render improved				✓	✓	✓	✓	✓
Area manager				✓	✓	✓	✓	✓
New back-up system			✓	✓	✓	✓	✓	✓
New dimension style manager			✓	✓	✓	✓	✓	✓
General performances			✓	✓	✓	✓	✓	✓
New help manager			✓	✓	✓	✓	✓	✓
Layer manager			✓	✓	✓	✓	✓	✓
Multi windows mode			✓	✓	✓	✓	✓	✓
New management of area calculation reports			✓	✓	✓	✓	✓	✓
New file manager			✓	✓	✓	✓	✓	✓
Sketchup Tm supported			✓	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Format .3DS supported			✓	✓	✓	✓	✓	✓
New preferences manager			✓	✓	✓	✓	✓	✓
New internal render			✓	✓	✓	✓	✓	✓
New modifications manager (2D files)		✓	✓	✓	✓	✓	✓	✓
Automatic processus integrated to files production		✓	✓	✓	✓	✓	✓	✓
Display and printing priority for pictures		✓	✓	✓	✓	✓	✓	✓
High quality to display TT texts		✓	✓	✓	✓	✓	✓	✓
New printing and preview options		✓	✓	✓	✓	✓	✓	✓
New layout concept		✓	✓	✓	✓	✓	✓	✓
New command line		✓	✓	✓	✓	✓	✓	✓
New ARC+ template and definitions		✓	✓	✓	✓	✓	✓	✓
New options for walls library		✓	✓	✓	✓	✓	✓	✓
User interface renovated with new productivity tools		✓	✓	✓	✓	✓	✓	✓
New selection compatible with Windows environment		✓	✓	✓	✓	✓	✓	✓
New module : ARC+ photo		✓	✓	✓	✓	✓	✓	✓
New library : ARC+ Sketch Symbols		✓	✓	✓	✓	✓	✓	✓

	ARC+ 2005	ARC+ 2007	ARC+ 2009	ARC+ 2011	ARC+ 2012	ARC+ X8	ARC+ X9	ARC+ X10
ARC+ supports 255 colors panel		✓	✓	✓	✓	✓	✓	✓
New color preferences		✓	✓	✓	✓	✓	✓	✓
New ARC+ database		✓	✓	✓	✓	✓	✓	✓
New ARC+ template and definitions		✓	✓	✓	✓	✓	✓	✓
New user preferences		✓	✓	✓	✓	✓	✓	✓
New dynamic snap		✓	✓	✓	✓	✓	✓	✓
New command line		✓	✓	✓	✓	✓	✓	✓
New picture support		✓	✓	✓	✓	✓	✓	✓
New options for printing and preview		✓	✓	✓	✓	✓	✓	✓

Dynamic zoom is now centered around the cursor's position	✓	✓	✓	✓	✓	✓	✓	✓
New command for texts research	✓	✓	✓	✓	✓	✓	✓	✓
Pan and dynamic zoom with True type texts improved	✓	✓	✓	✓	✓	✓	✓	✓
New export option to STL format	✓	✓	✓	✓	✓	✓	✓	✓
New PDF printing driver integrated to ARC+ installation	✓	✓	✓	✓	✓	✓	✓	✓
Change the display order	✓	✓	✓	✓	✓	✓	✓	✓
Snap preview mode	✓	✓	✓	✓	✓	✓	✓	✓
Options lists	✓	✓	✓	✓	✓	✓	✓	✓
Lenght following direction chosen	✓	✓	✓	✓	✓	✓	✓	✓
Polygons dynamic edition	✓	✓	✓	✓	✓	✓	✓	✓
Cut the selected solids	✓	✓	✓	✓	✓	✓	✓	✓
Polygons dynamic extrusion	✓	✓	✓	✓	✓	✓	✓	✓
Polygons dynamix edition	✓	✓	✓	✓	✓	✓	✓	✓
Creation of a 3D network	✓	✓	✓	✓	✓	✓	✓	✓
Scale by 2 points	✓	✓	✓	✓	✓	✓	✓	✓
Save a template	✓	✓	✓	✓	✓	✓	✓	✓
Security back-up	✓	✓	✓	✓	✓	✓	✓	✓
Multisessions and automatic back-up	✓	✓	✓	✓	✓	✓	✓	✓
Sections and camera manager	✓	✓	✓	✓	✓	✓	✓	✓
Progressives help lines	✓	✓	✓	✓	✓	✓	✓	✓
Copy objects following path	✓	✓	✓	✓	✓	✓	✓	✓
Rotation and aleatory scale	✓	✓	✓	✓	✓	✓	✓	✓
Area by points	✓	✓	✓	✓	✓	✓	✓	✓
Dynamix informations mode	✓	✓	✓	✓	✓	✓	✓	✓
Texte labels	✓	✓	✓	✓	✓	✓	✓	✓