

Formats for exchanging data with Allplan

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▼ Formats for import

General import formats	Extension	Version, comment
DXF, DWG, AutoCAD data	.dxf, .dwg, .dwt, .dxb	Version 2018 or earlier (AutoCAD 2018 or earlier), including ACIS support
DGN, MicroStation data	.dgn	Version 8
PDF, PDF/A	.pdf	Vector data and pixel data
3D PDF	.pdf	U3D format (ECMA-363 1st edition)
IFC	.ifc, ifcXML	Versions 2x3, 4
CINEMA 4D	.c4d	Versions 12.5 to 18
SketchUp	.skp	Versions 6 to 2017
Rhino	.3dm	Versions 1 to 5
STL	.stl	3D printer format
VRML	.wrl	Version 2
XML	.xml	For example, CINEMA R9.1 and later
Hpgl/2 print files	.plt, .hp, .hpg, .hpl, .prn	
Coordinate values, terrain models	Extension	Version, comment
Coordinate values, location line values, curve values	.re1, .reb, .re2, .asc, lin	Including lines with attributes
Terrain model: longitudinal profiles, transverse profiles	.lpr, .qpr	
LandXML	.xml	Versions 1.0 to 2.0
Engineering	Extension	Version, comment
FEM data (FRILO Software GmbH, SCIA *)	.asf	Like InfoGraph GmbH, Cubus AG, mb AEC Software GmbH, Tornow-Software, PCAE GmbH (4H-ALFA), Graitec, Autodesk, SCAD
Reinforcement data	.a	
CEDRUS elements	.sin	Cubus finite elements
Bridge and civil engineering modeler	.nkb	

▼ Formats for export

General export formats	Extension	Version, comment
DXF, DWG, AutoCAD data	.dxf, .dwg, .dwt, .dxb	Versions 12 to 2018 (AutoCAD 2018 or earlier), including ACIS support
DWF – AutoCAD data	dwf	Versions 6 to 7
DGN, MicroStation data	.dgn	Version 8
PDF, PDF/A	.pdf	Including layers ("planes"), from drawing files and layouts
3D PDF	.pdf	U3D format (ECMA-363 1st edition)
IFC	.ifc, ifcXML	Versions 2x3, 4
CINEMA 4D	.c4d	Version 12 (can be read in R18)
SketchUp	.skp	Versions 6 to 2017
CPIXML	.cpixml	RIB iTWO versions 2.3 and 3
Rhino	.3dm	Version 5

VRML	.wrl	Version 2
Collada	.dae	Versions 1.4.1 and 1.5.0
Google Earth	.kmz	Version 2.1
STL	.stl	3D printer format
Universal 3D	.u3d	ECMA-363 1st edition format
Hpgl/2 print files	.plt, .hp, .hpg, .hpl, .prn	
SVG	.svg	
Autodesk 3ds Max	.3ds	

Reports	Extension	Version, comment
Excel	.xlsx	2010
Word	.docx	2010
PDF	.pdf	

Layout attributes	Extension	Version, comment
XML	.xml	For EDM connection, for example Rivera

Coordinates, terrain models	Extension	Version, comment
Coordinate values, location line values, curve values	.re1, .reb, .re2, .asc, lin	Including lines with attributes
Terrain model: longitudinal profiles, transverse profiles	.lpr, .qpr	

Building physics, thermal insulation	Extension	Version, comment
Kern Dämmwerk	.cdk	

Engineering	Extension	Version, comment
Frilo PLT, SC, GEO	.asc	
CEDRUS elements	.sin	Cubus finite elements
Bending machines	.abs	Version 2
BAMTEC file	.tec	BAMTEC robot

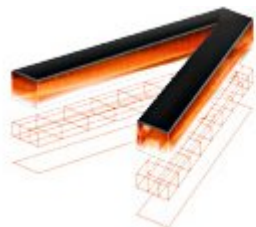
▼ Formats for bitmap files

Bitmap files	Extension	Version, comment
JPEG	.jpg, .jff, .jtf	Including geo-referenced information (import)
TIF	.tif	Including geo-referenced information (import and export)
BMP	.bmp	
EPS	.eps	
TGA	.tga	
PCT	.pct	
PCX	.pcx	
PNG	.png	
PSD	.psd	

▼ Other interfaces

Interfaces to Windows	Comment
OLE	Integrating or linking Word, Excel, PDF documents
Clipboard	Allplan data, text, bitmaps and so on

Programming interfaces	Comment
NOI	Interfaces for add-ons For Scia, ICS, AX3000, On-Site Survey, for example



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