PLM Vis – Software toolkit for collaborative view and markup

Supported formats

PLM Vis is component software visualization technology that provides view/markup of 3D and 2D documents. PLM Vis is architected as both ActiveX controls to leverage Microsoft Windows, and as Java Beans for portability. PLM Vis complements Siemens PLM Software's Teamcenter® Visualization applications, providing custom functionality where off-the-shelf products do not match customer requirements.

PLM Vis supports many different data file formats used in all disciplines of engineering, business and publishing, on Unix and PC platforms.

3D formats supported

Extension	Description
jt	Common 3D format promoted by JT™ Open organization for enabling product visualization and information distribution and enhancing data sharing between PLM software applications. Includes data describing model's geometry, material, assembly, PMI (product manufacturing information), and other attributes
vf	Teamcenter Session file – state file that includes session parameters as well as model data
x_t, x_b, xmt_txt, xmt_bin	File formats used by Parasolid® software – the geometric modeling kernel software that serves as the basis for many popular CAD, CAM and CAE products
prt	Model and drawing files created by NX™ software and its predecessor Unigraphics – Siemens' integrated CAD/CAM/CAE application
prt	Model and drawing files created by Solid Edge® software – Siemens' value-based 3D CAD application (available with PLM Vis Version 6)
vrml	Virtual reality markup language
stl	Stereolithography format for rapid prototyping

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2D formats supported

Extension	Description
906, 907	Calcomp plot file formats 906 and 907
pdf	Adobe Acrobat document format
bmp	MS Windows bitmap
bmp	OS/2 bitmap
c4	JEDMICS C4 tiled raster format
cgm	Binary computer graphics metafile MIL-D-28003, ANSI X3.122
dgn	Microstation DGN file format (on Windows)
dxf	Autodesk drawing exchange formats 2002, 2000, 14, 13, 12, 11, 10, 9
dwg	AutoCAD drawing versions 2002, 2000i, 2000
dwf	AutoCAD drawing web formats v5, v4, v3, v2
emf	Enhanced metafile
gbr, gbr	Gerber plot file formats RS274D and RS274X
hpg, hpgl, hp2, plt, prn	HP graphics language 1 and 2, HP raster transfer language
igs, iges	Initial graphics exchange specification
jpeg, jpe, jpg	Joint Photographic Experts Group (JPEG) is a common format for storing images
mdl	Model file
md	MetaDataStamp
mds	MetaDataStamp
mi	HP CoCreate (not available on SGI or AIX platforms), ME10 and ME30
mlr, mil, milr	MIL-R-28002 Type 1 raster
mpc	Multi-page CALS file
ovl, v01, mrk	Markup layer
pcx	Windows Paintbrush
pct	Macintosh Paint – PICT
png	Portable network graphics
ai, ps, eps	PostScript levels 1, 2 and EPS
ras, sun	Bi-level Sun
rvf	Raster viewing format

2D formats *continued*

Extension	Description
dft	Solid Edge drafting format
tif	Tagged image file format
tlc	TLC file format
fsx, ovx, fs, ov	TRIFF – Monochrome, single and multi-page tiled raster format
prt	NX (formerly Unigraphics) part file drawings
txt	ASCII text
zip	The files contained within the ZIP are displayed in a single multi-page 2D image window. You can navigate through the pages (files) using any of the available 2D multi-page navigation options

PLM Vis supports Windows as well several Unix-based platforms including Sun, IBM and HP. For more information please visit www.ugs.com/plmvis.

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