

Version	1			
Last Updated	23/05/2019			
Updated By	Amanda Fairholme			
Comments	Updated to match VE Viewer 9.0 FP7 release			
Category	File Format	Type	Extension(s)	Format Notes
3D File Formats				
	Autodesk 3D Studio	3D Scene	3DS	VE Viewer
	Autodesk 3D Studio Project	3D Scene	PRJ	Known restrictions and comments
	Design Web Format (Autodesk)	3D/2D	DWF	
	AutoCAD Drawing Interchange	3D /2D	DXF	The file formats DWG and DXF have 2D characteristics when vector lines are applied and do not function in the same manner as pure 3D file formats. For example, you cannot rotate a model rendered with vector lines and saved in a DWG format. If you are using SAP 3D Visual Enterprise Author, CAD files should be saved as .rh files before being inserted or dragged into Office documents.
	AutoCAD Drawing Object	3D /2D	DWG, DXF	The file formats DWG and DXF have 2D characteristics when vector lines are applied and do not function in the same manner as pure 3D file formats. For example, you cannot rotate a model rendered with vector lines and saved in a DWG format. If you are using SAP 3D Visual Enterprise Author, CAD files should be saved as .rh files before being inserted or dragged into Office documents.
	FILMBOX	3D Scene	FBX	
	JT	3D	JT	JT file format versions 6.4 to 10.2
	SketchUp Document	3D Scene	SKP	
	Hewlett-Packard Graphics Library	3D Scene	HPGL, PLT	
	LightWave 3D and Binary Object	3D Scene	LWO, LW	
	LightWave Scene	3D Scene	LWS	
	Open Inventor File	3D Scene	IV	
	OpenFlight Scene Description Database	3D Scene	FLT	
	Rhinoceros 3D Model	3D Scene	3DM	
	SAP Visual Enterprise Binary	3D Scene	RH	The 3D Visual Enterprise native binary 3D format. It stores 3D scenes with the most possible features available among Visual Enterprise products.
	Universal 3D	3D Scene	U3D	
	Visual Design Stream	3D Scene	VDS	The 3D Visual Enterprise mobile publishing format. It allows dynamic loading of geometry to support large data sets.
	VRML Worlds	3D Scene	WRL, VRML	
	Wavefront Object	3D Scene	OBJ	
2D Raster File Formats				
	SAP Visual Enterprise Binary Viewable	Scene	RH	Viewable Only
	Graphics Interchange Format	Image	GIF	CompuServe Inc. File format
	JPEG Image	Image	JPEG, JPG	Joint Photo Experts Group Image Format
	JPEG 2000 J2K	Image	J2K	Joint Photo Experts Group Image Format
	JPEG 2000 JP2	Image	JP2	Joint Photo Experts Group Image Format
	JPEG 2000 JPC	Image	JPC	Joint Photo Experts Group Image Format
	JPEG 2000 JPX	Image	JPX	Joint Photo Experts Group Image Format
	Portable Network Graphics	Image	PNG	
	Portable Pixelmap Graphic	Image	PPM	
	Publisher's Paintbrush Bitmap Graphic	Image	PCX	
	Radiance Picture	Image	HDR	
	Silicon Graphics Image	Image	RGB, RGBA, INT, INTA	8-32 bpp; RLE or uncompressed; no color maps
	SOFTIMAGE Picture	Image	PIC	
	Tagged Image File Format	Image	TIF, TIFF	With multipage support.
	TGA File	Image	TGA	Used in Graphic Arts Extensively
	Windows Bitmap Graphic	Image	BMP, DIB	
	Windows Run Length Encoded Bitmap	Image	RLE	
2D Vector File Formats				
	SAP Visual Enterprise Binary Viewable	Scene	RH	
	AutoCAD Design Web Format	Scene	DWF	
	AutoCAD Drawing Interchange	Scene	DXF	
	AutoCAD Drawing Object	Scene	DWG	
	AutoCAD Sheet Sets	Scene	DST	
	Autodesk Animator Graphic	Image	CEL	
	Adobe Encapsulated PostScript	Image	EPS	Version 2. *Export using Vector Illustration. Standard 2D. No export options
	Adobe Illustrator Vector Graphic	Image	AI	
	Autodesk Animator Graphic	Image	CEL	
	Computer Graphics Metafile	Image	CGM	
	EA/Amiga Interchange File Format	Image	IFF	
	FLIC Animator Animation (fli)	Image	FLI	First frame only; resolution limited to 320x200
	FLIC Animator Animation (flc)	Image	FLC	First frame only
	Hewlett-Packard Graphics Library	Scene	PLT, HPGL	HPGL1 and HPGL2
	Scalable Vector Graphic	Image	SVG	
ECAD File Formats				
	GenCAD	Text	CAD	
	GenCAM	Text	SCM, A3P	IPC 2511A
	ODB++	Text	ODB	
	Offspring	Text	CVG	IPC 2581
Audio File Formats				
	Audio Interchange Format	Audio	AIF, AIFF	Play only

Category	File Format	Type	Extension(s)	Format Notes
				IE Viewer
				Known restrictions and comments
	MPEG Audio Files	Audio	MPA, MP2, MP3	Play only
	Musical Instrument Digital Interface	Audio	MID, MIDI	Play only
	RIFF MIDI File	Audio	RMI	Play only
	Sound Format	Audio	SND	Play only
	Sun/Next/DEC Audio	Audio	AU	Play only
	Waveform Audio	Audio	WAV	Play only
Video File Formats	Advanced Streaming Format	Video	ASF	
	Audio Video Interleave Animation	Video	AVI	
	Moving Pictures Expert Group Video	Video	M1V, MPEG, MPG	
Document File Formats	Adobe Portable Document	Document	PDF	Simplified PDF (has no java scripts). Transparency is not supported in PDFs containing dynamic labels.
Miscellaneous File Formats	Text File	Text	TXT	