



An Agile Software Company

AutoVue 19.1 Formats Support List

Collaborative Visualization

AutoVue is the premier viewing, printing, markup, digital mockup and real-time collaborative solution that supports more than 450 native 2D/3D CAD, EDA formats, office documents and graphics. Visit <http://www.cimmetry.com> to obtain the most recent format support and product information and to download a demonstration copy of AutoVue.

2D / 3D CAD & Vector-based Engineering Formats									
File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
AutoCAD	Drawing, Drawing Exchange	2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.X	DWG, DXF		✓	✓	✓	✓	✓
AutoCAD	3D	2006, 2005, 2004, 2002	DWG, DXF		2D	2D	✓	✓	✓
AutoCAD	Drawing, Web	2004, 5.5, 5, 4.X, 3.X, 2.X	DWF		✓	✓	✓	✓	✓
AutoCAD	Sheet Sets		DST		✓	✓	✓	✓	✓
AutoCAD	Drawing, Binary Exchange		DXB		✓	✓	✓	✓	✓
AutoCAD	Slide, Slide Library		SLD, SLB		✓	✓	✓	✓	✓
AutoCAD Mechanical 2D/ Autodesk Mechanical 2D	Drawing	2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)	DWG		✓	✓	✓	✓	✓

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2D / 3D CAD & Vector-based Engineering Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
AutoCAD Mechanical 3D/ Autodesk Mechanical 3D	Part, Assembly	2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)	DWG				✓	✓	✓
Autodesk Inventor	Drawing	10, 9, 8, 7, 6, 5.3, 5, 4	IDW				✓	✓	✓
Autodesk Inventor	Part, Assembly	10, 9, 8, 7, 6, 5.3, 5, 4, 3, 2, 1	IPT, IDV, IAM, IDE				✓	✓	✓
Cadkey	Part File	19, 99, 98, 97, 7, 6, 5, 4.X, 3.X	PRT		✓	✓	✓	✓	✓
CALCOMP	PCI 906 / 907 Plot		PCI, PLT		✓	✓	✓	✓	✓
CATIA 4	Model, Export, Assembly, Session, Drawing	4R2.X, 4.1.X, 4.0	MODEL, EXP, ASM, SESSION				✓	✓	✓
CATIA 5	Part, Product, Drawing	5R7 to 5R16	CGR, CATPart, CATProduct, CATDrawing				✓	✓	✓
CGM	Binary, ASCII(ClearText)	4, 3, 2, 1	CGM		✓	✓	✓	✓	✓
CGM - CALS compliant			CGM		✓	✓	✓	✓	✓
DirectModel (.JT)		8, 7, 6.4	JT				✓	✓	✓
Hitachi CADCORE		5.0	DRW		✓	✓	✓	✓	✓
HPGL			HGL, HPG, PLT, PRN		✓	✓	✓	✓	✓
HPGL/2			HGL, HPG, PLT, PRN		✓	✓	✓	✓	✓
HP RTL			HGL, HPG, PLT, PRN		✓	✓	✓	✓	✓
ESRI Shapefile			CSHP, SHP, SHX		✓	✓	✓	✓	✓
IGES (2D, 3D)		5.3, 5.2, 5.1	IGES, IGS		2D	2D	✓	✓	✓
ME10/OneSpace Designer Drafting		13.XX, 12.01, 11.65, 11.60, 11(2002), 2000+, 10, 9, 8, 7, 6	MI, BI		✓	✓	✓	✓	✓

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File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
MicroStation Drawing	Drawing	8.5, 8.1, 8, J, SE, 95, 5, 4	CEL, DGN		✓	✓	✓	✓	✓
MicroStation Drawing	3D	8.5, 8.1, 8, J, SE, 95, 5, 4	CEL, DGN		2D	2D	✓	✓	✓
MicroStation Modeler		7.1, J, 7.0, PE, 95	DGN		✓	✓	✓	✓	✓
Parasolids	Binary, Text	17, 16, 15.1, 15, 14.1, 14, 13.2, 13, 12.1, 12, 11.1, 11	X_T, X_B				✓	✓	✓
PointCloud 3D			PTS, ASC				✓	✓	✓
Postscript			EPS, PS	✓	✓	✓	✓	✓	✓
Postscript-Encapsulated			EPS	✓	✓	✓	✓	✓	✓
Pro/ENGINEER	Drawing	WildFire 2.0, WildFire, 2001, 2000i ² , 2000i, 20, 19, 18	DRW, FRM				✓	✓	✓
Pro/ENGINEER	Part, Assembly	WildFire 2.0, WildFire, 2001, 2000i ² , 2000i, 20, 19, 18	PRT, ASM				✓	✓	✓
SolidDesigner / OneSpace Designer Modeling	Part, Part Container	13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6	SDP, SDPC				✓	✓	✓
SolidDesigner / OneSpace Designer Modeling	Assembly, Container	13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6	SDA, SDAC				✓	✓	✓
SolidDesigner / OneSpace Designer Modeling	Package, Bundle	13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6	PKG, BDL				✓	✓	✓
Solid Edge	Draft	18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6	DFT		✓	✓	✓	✓	✓
Solid Edge	Part, Assembly	18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6	PAR, ASM				✓	✓	✓

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File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
SolidWorks	Drawing	2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97	SLDDRW		✓	✓	✓	✓	✓
SolidWorks	Part, Assembly	2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97	SLDPRT, SLDASM				✓	✓	✓
SPATIAL ACIS	Binary, Text	7, 6, 5, 4, 3, 2.1, 2, 1.7, 1.6, 1.5, 1.4	SAB, SAT				✓	✓	✓
STEP AP 203			STP, STEP, STE, P21				✓	✓	✓
STEP AP 214			STP, STEP, STE, P21				✓	✓	✓
STEP KOSDIC			STP, STEP, STE, P21				✓	✓	✓
STL	Binary, Text		STL				✓	✓	✓
Unigraphics	Draft	NX2, NX1, 18, 17, 16	PRT				✓	✓	✓
Unigraphics	Part, Assembly	NX2, NX1, 18, 17, 16, 15, 14, 13	PRT				✓	✓	✓
VRML		2, 1.1, 1.0, 97	WRL				✓	✓	✓

Electronic Design Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Barco DPF	Artwork	5.0	DPF, DPL				✓	✓	✓
Cadence Allegro Layouts / Drawings / Symbols / Padstacks	PCB, 3D	15.x, 14.x, 13.x	BRD, DRA, MCM, SSM, PSM, BSM, OSM, FSM, PAD				✓	✓	✓
Cadence Allegro Extract	PCB		AEW, TXT, TAR, GZ, ZIP				✓	✓	✓

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Electronic Design Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Cadence Allegro IPF	Artwork		PLT				✓	✓	✓
Cadence Concept HDL	Schematics	15.x, 14.x	CPM, TAR, GZ, TGZ, ZIP				✓	✓	✓
Cadence Specctra	PCB	15.x, 14.x	DSN, CCT				✓	✓	✓
Caltech Interchange Format CIF	Artwork	2.0	CIF				✓	✓	✓
EDIF	Schematics	4, 3, 2	EDF, EDIF, EDN				✓	✓	✓
GDS II	Artwork (Binary)	2	GDS, GDS2, CAL, STRM				✓	✓	✓
GenCam	PCB, Schematics	1.5	GCM				✓	✓	✓
Gerber Format	Artwork	RS274-D, RS274-X	GBL, GBR, PHO				✓	✓	✓
IDF	PCB, 3D	3.0, 2.0	EMN, EMP, BRD, LIB				✓	✓	✓
IFF	Schematics	3.0	IFF				✓	✓	✓
Mentor Board Station	PCB, 3D	8.x	ATTR, TAR, GZ, TGZ, ZIP				✓	✓	✓
Mentor Design Architect	Schematics	8.x	ATTR, TAR, GZ, TGZ, ZIP				✓	✓	✓
Mentor DxDesigner	Schematics	2004, 2002	DPROJ, TAR, GZ, TGZ, ZIP				✓	✓	✓
Mentor Expedition PCB	PCB, 3D	2004.x, 2002	PRJ, PCB, TAR, GZ, TGZ, ZIP				✓	✓	✓
Mentor Expedition Design Capture	Schematics	2004.x, 2002	PRJ, SBK, TAR, GZ, TGZ, ZIP				✓	✓	✓
Mentor Neutral	PCB		NEU				✓	✓	✓
Mentor PADS PowerPCB	PCB 3D	2005 (Binary, ASCII), 5.0 (Binary,ASCII), 4.0(ASCII)	ASC, PCB				✓	✓	✓

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Electronic Design Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Mentor PADS PowerLogic	SCH	2005 (Binary, ASCII), 5.1(ASCII) 5.0 (Binary,ASCII), 4.0(ASCII)	SCH				✓	✓	✓
NC-Drill	Sieb Meyer Excellon		DRL, NCD				✓	✓	✓
ODB++	PCB	5.3, 4.3	TAR, GZ, TGZ, ZIP				✓	✓	✓
ODB++(X)	PCB, XML	1.x	XML, ODB				✓	✓	✓
OrCAD Capture Design/Library	Schematics	10.x, 9.x, 7.2, 7.0	DSN, DBK, OLB				✓	✓	✓
OrCAD Layout	PCB (Binary, ASCII), 3D	10.x, 9.x, 7.2, 7.0	MIN, MAX				✓	✓	✓
PCAD Schematic	SCH (Binary, ASCII)	2004, 2002, 2001, 2000	SCH				✓	✓	✓
PCAD Layout	PCB (Binary, ASCII)	2004, 2002, 2001, 2000	PCB				✓	✓	✓
PDIF	PCB	8.5, 7.0	PDF, PDIF				✓	✓	✓
PDIF	Schematics	8.5, 7.0	PDF, PDIF				✓	✓	✓
Protel	PCB (Binary, ASCII)	2004, 99SE, 99, 98	PCB				✓	✓	✓
Protel	Schematics (Binary, ASCII)	99SE, 99, 98	SCH				✓	✓	✓
Protel DDB	PCB/ Schematics	99SE, 99	DDB				✓	✓	✓
Protel DXP	PCB (ASCII, Binary)	2004	PCBDOC				✓	✓	✓
Zuken CADIF	PCB	8.0 to 3.0	PAF				✓	✓	✓
Zuken CADSTAR Schematic	Schematics	7.0, 6.0, 5.0	SCM				✓	✓	✓
Zuken CADSTAR Layout	PCB, 3D	7.0, 6.0, 5.0	PCB				✓	✓	✓

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Raster-based Engineering Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
CALS Group IV	Type I, Type II (Tiled, Stripped)		CAL, CG4, MIL, ODA, MLR		✓	✓	✓	✓	✓
EDMICS					✓	✓	✓	✓	✓
GTX			DTX		✓	✓	✓	✓	✓
Hitachi			HRF		✓	✓	✓	✓	✓
Image Center			GP4		✓	✓	✓	✓	✓
Intergraph COT			CIT, COT, RGB, RLE, TG4		✓	✓	✓	✓	✓
JEDMICS			C4		✓	✓	✓	✓	✓
RLC File			RLC		✓	✓	✓	✓	✓
TIFF			TIF, TIFF	Desktop size	✓	✓	✓	✓	✓

Vector Graphics Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Acrobat PDF	1.6, 1.5, 1.4, 1.3, 1.2, 1.1, 1.0	PDF	✓	✓	✓	✓	✓	✓
Corel Presentation Exchange	7.0, 6.0, 5.0	CMX	✓	✓	✓	✓	✓	✓
Enhanced Metafile		EMF, EMZ (Compressed)	✓	✓	✓	✓	✓	✓
Illustrator	10, 9, 8, 7, 6, 5, 4, 3, 2, 1	AI	✓	✓	✓	✓	✓	✓
Lotus PIC File Image		PIC	✓	✓	✓	✓	✓	✓
PCL	5	PCL, PRN		✓	✓	✓	✓	✓
PowerPoint	2003, 2002, XP, 2000, 97, 95, 4.0, 3.X	PPT	✓	✓	✓	✓	✓	✓

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Vector Graphics Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
SVG	1.0	SVG, SVGZ	✓	✓	✓	✓	✓	✓
VISIO	2003, 2002, 2000	VSD	✓	✓	✓	✓	✓	✓
Windows Metafile	3	WMF	✓	✓	✓	✓	✓	✓
WordPerfect Graphics	2, 1	WPG	✓	✓	✓	✓	✓	✓

Hybrid Engineering Formats

File Format	File Type	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
CAD Overlay		2000i, 2000, 14			✓	✓	✓	✓	✓
GTX			DWG, GP4, REF		✓	✓	✓	✓	✓
Hitachi Tracer			DWG, HRF		✓	✓	✓	✓	✓
Image Systems			DWG, GP4, RES, RLC		✓	✓	✓	✓	✓
Intergraph Hybrid			CIT, COT, DGN		✓	✓	✓	✓	✓
IRAS/B					✓	✓	✓	✓	✓
Softelec RasterDWG			DWG		✓	✓	✓	✓	✓

Raster & Bitmap Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
AIIM MS53	GP III, GP IV	A11	✓	✓	✓	✓	✓	✓

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Raster & Bitmap Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
AMIGA	IFF / LBM File	IFF, LBM	✓	✓	✓	✓	✓	✓
CompuServe GIF		GIF, RLE	✓	✓	✓	✓	✓	✓
CorelDraw! Bitmap Preview	5.X, 4.X, 3.X, 2.X	CDR	✓	✓	✓	✓	✓	✓
CUT Raster		CUT	✓	✓	✓	✓	✓	✓
Databeam		DBX	✓	✓	✓	✓	✓	✓
Dr. Halo PIC		PIC	✓	✓	✓	✓	✓	✓
GEM IMG Bitmap		IMG	✓	✓	✓	✓	✓	✓
IBM IOCA/MODCA			✓	✓	✓	✓	✓	✓
JPEG		JPEG, JPG	✓	✓	✓	✓	✓	✓
JPEG2000		JP2, JPF, J2K, J2C, JPC, JPX	✓	✓	✓	✓	✓	✓
MAC		MAC	✓	✓	✓	✓	✓	✓
Neutral Raster File		NRF	✓	✓	✓	✓	✓	✓
OS/2 1.1 Bitmap		BMP	✓	✓	✓	✓	✓	✓
Paintbrush PCX		PCX	✓	✓	✓	✓	✓	✓
PNG		PNG	✓	✓	✓	✓	✓	✓
Portable Bitmap		PPM	✓	✓	✓	✓	✓	✓
SUN Raster File		PR, RAS	✓	✓	✓	✓	✓	✓
TARGA		TGA	✓	✓	✓	✓	✓	✓
TIFF (Desktop Size)		TIF, TIFF	✓	✓	✓	✓	✓	✓
Windows Bitmap		BMP	✓	✓	✓	✓	✓	✓
Windows 3 Icon-Resource		ICO	✓	✓	✓	✓	✓	✓
WordPerfect Graphics Bitmap		WPG	✓	✓	✓	✓	✓	✓
X-Windows Dump		XWD	✓	✓	✓	✓	✓	✓

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Fax Formats								
File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Brooktrout			✓	✓	✓	✓	✓	✓
Everfax	EF3, EF2		✓	✓	✓	✓	✓	✓
Frecom			✓	✓	✓	✓	✓	✓
Fujitso			✓	✓	✓	✓	✓	✓
Gamma			✓	✓	✓	✓	✓	✓
Generic-Fax			✓	✓	✓	✓	✓	✓
Hybrid J-T			✓	✓	✓	✓	✓	✓
Intel			✓	✓	✓	✓	✓	✓
Net-Fax			✓	✓	✓	✓	✓	✓
Product R&D Fax Modem			✓	✓	✓	✓	✓	✓
Raw Group III			✓	✓	✓	✓	✓	✓
Relisys			✓	✓	✓	✓	✓	✓
Ricoh			✓	✓	✓	✓	✓	✓
SciFax			✓	✓	✓	✓	✓	✓
SmartFax			✓	✓	✓	✓	✓	✓
Trigem			✓	✓	✓	✓	✓	✓
WinFax Pro	4, 3		✓	✓	✓	✓	✓	✓
Worldport			✓	✓	✓	✓	✓	✓

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Word Processor Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	AutoVue EDA
Microsoft Write		WRI	✓	✓	✓	✓	✓	✓
Plain Text (ASCII, UTF-8, Unicode, Multi-byte)		TXT	✓	✓	✓	✓	✓	✓
Rich Text Format	1.X	RTF	✓	✓	✓	✓	✓	✓
Word for Windows	2003, 2002, XP, 2000, 97, 95, 7, 6	DOC	✓	✓	✓	✓	✓	✓

Spreadsheet Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	EDA
Excel	2003, 2002, XP, 2000, 97, 95, 5, 4, 3, 2.1	XLS, XLT	✓	✓	✓	✓	✓	✓

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Archived Formats

File Format	Releases / Versions	Extension	AutoVue Office	AutoVue	AutoVue Professional	AutoVue SolidModel	AutoVue SolidModel Professional	EDA
7-Zip Archive		7Z	✓	✓	✓	✓	✓	✓
Arj Archive		ARJ	✓	✓	✓	✓	✓	✓
BZip2 Archive		BZ2	✓	✓	✓	✓	✓	✓
Cab Archive		CAB	✓	✓	✓	✓	✓	✓
Debian Archive		DEB	✓	✓	✓	✓	✓	✓
GZip Archive		GZ	✓	✓	✓	✓	✓	✓
RAR Archive		RAR	✓	✓	✓	✓	✓	✓
RPM Archive		RPM	✓	✓	✓	✓	✓	✓
Tar Archive		TAR	✓	✓	✓	✓	✓	✓
ZIP Archive		ZIP	✓	✓	✓	✓	✓	✓

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