

# Oracle AutoVue 20.1

## Supported File Formats

### Windows and Linux Platforms

To remain competitive, organizations must effectively address the asset information management challenge. A framework that delivers engineering, asset, and product information throughout the entire enterprise, in a variety of applications and business processes, allows information to be synthesized and visually presented to all enterprise users—in the business context they need to make effective technical and business decisions.

Oracle's AutoVue Enterprise Visualization solutions are designed to meet all of your visualization requirements. By delivering a framework that enables asset and product information to flow freely throughout the enterprise, AutoVue allows you to capitalize on existing information assets contained within all your enterprise systems, vastly improving business processes and workforce productivity.

This document lists all the file formats supported by the AutoVue 20.1 family of products on Windows and Linux platforms.

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# Supported File Formats

The following tables summarize the hundreds of document types supported by AutoVue solutions. These include technical document types such as 2-D/3-D Computer Aided Design (CAD) and Electronic Design Automation (EDA), as well as business documents such as Office and Graphics.

The tables are organized by the industries in which these document types are typically used. Each section is arranged by Vendor name, and by Product name or File format within each vendor section. For Desktop/Office, Graphics and Other document types which are used across all industries, please refer to these respective tables which appear after the industry sections.

For the most up-to-date version of this document, go to the AutoVue Documentation Web site on the Oracle Technology Network at <http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

Engineering & Construction / Energy / Utilities									
Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Autodesk</b>									
	AutoCAD	Drawing, Drawing Exchange	DWG, DXF	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.X		✓	✓		✓
	AutoCAD	3-D	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000		2-D*	✓		✓
	AutoCAD	Sheet Sets	DST			✓	✓		✓
	AutoCAD	Drawing Binary Exchange	DXB	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.X		✓	✓		✓
	AutoCAD	Slide, Slide Library	SLD, SLB			✓	✓		✓
	AutoCAD Mechanical 2-D/ Autodesk Mechanical Desktop 2-D	Drawing	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000), 3, 2, 1,2		✓	✓		✓
	AutoCAD Mechanical 3-D/ Autodesk Mechanical Desktop 3-D	Part, Assembly	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)			✓		✓
	Autodesk DWF	Drawing	DWF	6.20, 6.11, 6.01, 2004, 5.5, 5, 4.X, 3.X, 2.X		✓	✓		✓
	Autodesk DWF 3D	Part, Assembly	DWF	6.20, 6.11, 6.01			✓		✓
	Autodesk Inventor	Drawing	IDW	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4			✓		✓
	Autodesk Inventor	Part, Assembly	IPT, IDV, IAM, IDE	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4, 3, 2, 1			✓		✓
	Revit†	Drawing	DWG, DXF	2010, 2009, 2008		✓	✓		✓
	Revit†	3-D	DWF	2010, 2009, 2008		✓	✓		✓
<b>Bentley Systems</b>									
	MicroStation Drawing	Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		✓	✓		✓
	MicroStation Drawing	3-D	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		2-D*	✓		✓
	MicroStation Modeler	Drawing	DGN	7.1, J, 7.0, PE, 95		✓	✓		✓
	MicroStation Modeler	3-D	DGN	7.1, J, 7.0		2-D*	✓		✓

\* AutoVue 2D Professional displays a 2-D projection of the 3-D model.

† Format support is provided through an exchange format

## Engineering & Construction / Energy / Utilities

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Dassault Systems</b>									
	CATIA V4	Model, Export, Assembly, Session, Drawing	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✓		✓
	CATIA V5	Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5R7 to 5R20			✓		✓
	SolidWorks	Drawing	SLDDRW	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97		✓	✓		✓
	SolidWorks	Part, Assembly	SLDPRT, SLDASM	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97			✓		✓
	SPATIAL ACIS	Binary, Text	SAB, SAT	7, 6, 5, 4, 3, 2.1, 2, 1.7, 1.6, 1.5, 1.4			✓		✓
<b>Intergraph</b>									
	SmartSketch	Drawing	IGR	2009, 2007, 5, 4		✓	✓		✓
<b>Parametric Technology Corporation</b>									
	CoCreate Drafting / ME10 / OneSpace Designer Drafting		MI, BI	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 16.00A, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.01, 11.65, 11.60, 11(2002), 2000+, 10, 9, 8, 7, 6		✓	✓		✓
	Pro/ENGINEER	Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
	Pro/ENGINEER	Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
	CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling	Part, Part Container	SDP, SDPC	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
	CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling	Assembly, Container	SDA, SDAC	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
	CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling	Package, Bundle	PKG, BDL	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
<b>Siemens PLM Software</b>									
	DirectModel (JT)		JT	9.1, 8.1, 8, 7, 6.4			✓		✓
	I-deas*	Drawing	DXF, CGM			✓	✓		✓
	I-deas*	3-D	IGES, STEP			IGES 2-D	✓		✓
	Parasolids	Binary, Text	X_T, X_B	22.0, 21.0, 20.0, 19.1, 19, 18.1, 18, 17.1, 17, 16, 15.1, 15, 14.1, 14, 13.2, 13, 12.1, 12, 11.1, 11			✓		✓

\* Format support is provided through an exchange format

## Engineering & Construction / Energy / Utilities

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
	Solid Edge*	Draft	DFT	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6		✓	✓		✓
	Solid Edge	Part, Assembly	PAR, ASM	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6			✓		✓
	Unigraphics	Draft	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16			✓		✓
	Unigraphics	Part, Assembly	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16, 15, 14, 13			✓		✓
<b>Exchange Formats</b>									
	CGM	Binary, ASCII (ClearText)	CGM	4, 3, 2, 1		✓	✓		✓
	CGM - CALS compliant		CGM			✓	✓		✓
	IFC	3-D	IFC, 2X2, 2X3				✓		✓
	IGES (2-D, 3-D)		IGES, IGS	5.3, 5.2, 5.1			2-D†	✓	✓
	STEP AP 203		STP, STEP, STE, P21				✓		✓
	STEP AP 214		STP, STEP, STE, P21				✓		✓
	STL	Binary, Text	STL				✓		✓
<b>Others</b>									
	Cadkey	Part File	PRT	19, 99, 98, 97, 7, 6, 5, 4, X, 3, X		✓	✓		✓
	HPGL		HGL, HPG, PLT, PRN		✓	✓	✓		✓
	HPGL/2		HGL, HPG, PLT, PRN		✓	✓	✓		✓
	HP RTL		HGL, HPG, PLT, PRN		✓	✓	✓		✓
	ESRI Shapefile		CSHP, SHP, SHX			✓	✓		✓
	PointCloud 3-D		PTS, ASC				✓		✓
Refer to the <a href="#">Others</a> table for more formats.									
<b>Desktop / Office</b>									
Refer to the <a href="#">Desktop / Office</a> table.									
<b>Graphics</b>									
Refer to the <a href="#">Graphics</a> table.									

\* AutoVue only displays preview for Solid Edge Drawings.

† AutoVue 2D Professional displays a 2-D projection of the 3-D model.

## Industrial Manufacturing / Automotive / Aerospace & Defense

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Autodesk</b>									
AutoCAD		Drawing, Drawing Exchange	DWG, DXF	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.X		✓	✓		✓
AutoCAD		3-D	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000, 2000i		2-D†	✓		✓
AutoCAD		Sheet Sets	DST			✓	✓		✓
AutoCAD		Drawing, Binary Exchange	DXB	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.X		✓	✓		✓
AutoCAD		Slide, Slide Library	SLD, SLB			✓	✓		✓
AutoCAD Mechanical 2-D/ Autodesk Mechanical Desktop 2-D		Drawing	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000), 3, 2, 1.2		✓	✓		✓
AutoCAD Mechanical 3-D/ Autodesk Mechanical Desktop 3-D		Part, Assembly	DWG	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)			✓		✓
Autodesk Inventor		Drawing	IDW	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4			✓		✓
Autodesk Inventor		Part, Assembly	IPT, IDV, IAM, IDE	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4, 3, 2, 1			✓		✓
Revit*		Drawing	DWG, DXF	2010, 2009, 2008		✓	✓		✓
Revit*		3-D	DWF	2010, 2009, 2008		✓	✓		✓
<b>Bentley Systems</b>									
MicroStation Drawing		Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		✓	✓		✓
MicroStation Drawing		3-D	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		2-D†	✓		✓
MicroStation Modeler		Drawing	DGN	7.1, J, 7.0, PE, 95		✓	✓		✓
MicroStation Modeler		3-D	DGN	7.1, J, 7.0		2-D†	✓		✓
<b>Dassault Systems</b>									
CATIA V4		Model, Export, Assembly, Session, Drawing	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✓		✓
CATIA V5		Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5R7 to 5R20			✓		✓
SolidWorks		Drawing	SLDDRW	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97		✓	✓		✓
SolidWorks		Part, Assembly	SLDPRT, SLDASM	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97			✓		✓
SPATIAL ACIS		Binary, Text	SAB, SAT	7, 6, 5, 4, 3, 2.1, 2, 1.7, 1.6, 1.5, 1.4			✓		✓

\* Format support is provided through an exchange format

† AutoVue 2D Professional displays a 2-D projection of the 3-D model.

## Industrial Manufacturing / Automotive / Aerospace & Defense

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Parametric Technology Corporation</b>									
Pro/ENGINEER		Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
Pro/ENGINEER		Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling		Part, Part Container	SDP, SDPC	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling		Assembly, Container	SDA, SDAC	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
CoCreate Modeling / SolidDesigner / OneSpace Designer Modeling		Package, Bundle	PKG, BDL	17.00, 16.50B, 16.50A, 16.00E, 16.00D, 16.00C, 16.00B, 2008 (16.XX), 2007 (15.XX), 2006 (14.XX), 13.XX, 12.XX, 11.XX, 9, 8.5, 2000+, 8, 7, 6			✓		✓
<b>Siemens PLM Software</b>									
DirectModel (JT)			JT	9.1, 8.1, 8, 7, 6.4			✓		✓
I-deas*		Drawing	DXF, CGM			✓	✓		✓
I-deas*		3-D	STEP				✓		✓
Parasolids		Binary, Text	X_T, X_B	22.0, 21.0, 20.0, 19.1, 19, 18.1, 18, 17.1, 17, 16, 15.1, 15, 14.1, 14, 13.2, 13, 12.1, 12, 11.1, 11			✓		✓
Solid Edge†		Draft	DFT	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6		✓	✓		✓
Solid Edge		Part, Assembly	PAR, ASM	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6			✓		✓
Unigraphics		Draft	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16			✓		✓
Unigraphics		Part, Assembly	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16, 15, 14, 13			✓		✓
<b>Exchange Formats</b>									
IGES (2-D, 3-D)			IGES, IGS	5.3, 5.2, 5.1		2-D‡	✓		✓
STEP AP 203			STP, STEP, STE, P21				✓		✓
STEP AP 214			STP, STEP, STE, P21				✓		✓
STL		Binary, Text	STL				✓		✓

\* Format support is provided through an exchange format.

† AutoVue only displays preview for Solid Edge Drawings.

‡ AutoVue 2D Professional displays a 2-D projection of the 3-D model.

## Industrial Manufacturing / Automotive / Aerospace & Defense

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Others</b>									
	PointCloud 3-D		PTS, ASC				✓		✓
Refer to the <a href="#">Others</a> table for more formats.									
<b>Desktop / Office</b>									
Refer to the <a href="#">Desktop / Office</a> table.									
<b>Graphics</b>									
Refer to the <a href="#">Graphics</a> table.									

## Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Altium</b>									
Altium Designer		PCB, 3-D, (Binary, ASCII)	PCBDOC, PRJPCB, PRJFPG, PRJCOR	Summer 2009, Winter 2009, Summer 2008, 6.0 to 6.9				✓	✓
Altium Designer		Schematics, (Binary, ASCII)	SCHDOC, PRJPCB, PRJFPG, PRJCOR	Summer 2009, Winter 2009, Summer 2008, 6.0 to 6.9				✓	✓
Protel		PCB (Binary, ASCII), 3-D	PCB, DDB, PCBDOC, PRJPCB, PRJFPG, PRJCOR	2004, DXP, 99SE, 99, 98				✓	✓
Protel		Schematics (Binary, ASCII)	SCH, DDB, SCHDOC, PRJPCB, PRJFPG, PRJCOR	2004, DXP, 99SE, 99, 98				✓	✓
P-CAD Layout		PCB (Binary, ASCII)	PCB	2006, 2004, 2002, 2001, 2000				✓	✓
P-CAD Schematic		SCH (Binary, ASCII)	SCH	2006, 2004, 2002, 2001, 2000				✓	✓
PDIF		PCB	PDF, PDIF	8.5, 7.0				✓	✓
PDIF		Schematics	PDF, PDIF	8.5, 7.0				✓	✓
<b>Autodesk</b>									
Autodesk Inventor		Drawing	IDW	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4			✓		✓
Autodesk Inventor		Part, Assembly	IPT, IDV, IAM, IDE	2011, 2010, 2009, 2008, 11, 10, 9, 8, 7, 6, 5.3, 5, 4, 3, 2, 1			✓		✓
<b>Bentley Systems</b>									
MicroStation Drawing		Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		✓	✓		✓
MicroStation Drawing		3-D	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		2-D*	✓		✓
MicroStation Modeler		Drawing	DGN	7.1, J, 7.0, PE, 95		✓	✓		✓
MicroStation Modeler		3-D	DGN	7.1, J, 7.0		2-D*	✓		✓
<b>Cadence Design Systems</b>									
Allegro PCB Layouts / Concept HDL / Drawings / Symbols / Padstacks		PCB, 3-D	BRD, DRA, MCM, MDD, SSM, PSM, BSM, OSM, FSM, PAD	16.3, 16.2, 16.0, 15.0 to 15.7, 14.x, 13.x				✓	✓
Allegro IPF		Artwork	PLT					✓	✓
Allegro Design Entry HDL		Schematics	CPM, TAR, GZ, TGZ, ZIP	16.3, 16.2, 16.0, 15.x, 14.x				✓	✓
Cadence Schematic Symbols		Schematics	CSS	16.3, 16.2, 16.0, 15.0 to 15.7, 14.x, 13.x				✓	✓
OrCAD Layout		PCB (Binary, ASCII), 3-D	MIN, MAX	16.2, 16, 15.7, 10.x, 9.x, 7.2, 7.0				✓	✓
OrCAD Capture Design/Library		Schematics	DSN, DBK, OLB	16.3, 16.2, 16, 15.7, 10.x, 9.x, 7.2, 7.0				✓	✓
Specctra		PCB, 3-D	DSN, CCT	15.x, 14.x				✓	✓
<b>Dassault Systems</b>									
CATIA V4		Model, Export, Assembly, Session, Drawing	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✓		✓
CATIA V5		Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5R7 to 5R20			✓		✓

\* AutoVue 2D Professional displays a 2-D projection of a 3-D model.

## Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
SolidWorks		Drawing	SLDDRW	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97		✓	✓		✓
SolidWorks		Part, Assembly	SLDPRT, SLDASM	2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001+, 2001, 2000, 99, 98, 97			✓		✓
<b>Mentor Graphics</b>									
Board Station		PCB, 3-D	ATTR, TAR, GZ, TGZ, ZIP	8.0 to 8.13				✓	✓
Design Architect		Schematics	ATTR, TAR, GZ, TGZ, ZIP	8.0 to 8.13				✓	✓
DxDesigner		Schematics	DPROJ, TAR, GZ, TGZ, ZIP	2005, 2004, 2002				✓	✓
Expedition PCB		PCB, 3-D	PRJ, PCB, TAR, GZ, TGZ, ZIP	2005, 2004.x, 2002				✓	✓
Expedition Design Capture		Schematics	PRJ, SBK, TAR, GZ, TGZ, ZIP	2005, 2004.x, 2002				✓	✓
PADS Layout		PCB, 3-D	ASC, PCB	2007, 2005 Spac2 (Binary, ASCII), 2005 (Binary, ASCII), 5.0 (Binary, ASCII), 4.0 (ASCII)				✓	✓
PADS Logic		Schematics	SCH, TXT	2007, 2005 Spac2 (Binary, ASCII), 2005 (Binary, ASCII), 5.1(ASCII), 5.0 (Binary, ASCII), 4.0(ASCII)				✓	✓
<b>Parametric Technology Corporation</b>									
Pro/ENGINEER		Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
Pro/ENGINEER		Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18			✓		✓
<b>Siemens PLM Software</b>									
DirectModel (JT)			JT	9.1, 8.1, 8, 7, 6.4			✓		✓
Solid Edge*		Draft	DFT	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6		✓	✓		✓
Solid Edge		Part, Assembly	PAR, ASM	ST2, ST, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6			✓		✓
Unigraphics		Draft	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16			✓		✓
Unigraphics		Part, Assembly	PRT	NX6, NX5, NX4, NX3, NX2, NX1, 18, 17, 16, 15, 14, 13			✓		✓
<b>Zuken</b>									
CADIF		PCB, 3-D	PAF	3.0 to 8.0				✓	✓
CADSTAR Schematic		Schematics	SCM	12.0, 11.0, 10.0, 9.0, 8.0, 7.0, 6.0, 5.0				✓	✓
CADSTAR Layout		PCB, 3-D	PCB	12.0, 11.0, 10.0, 9.0, 8.0, 7.0, 6.0, 5.0				✓	✓
CR-5000†		Schematics	EDIF					✓	✓
<b>Exchange Formats</b>									
CGM		Binary, ASCII (ClearText)	CGM	4, 3, 2, 1		✓	✓		✓
CGM - CALS compliant			CGM			✓	✓		✓

\* AutoVue only displays preview for Solid Edge Drawings.

† Format support is provided through an exchange format.

## Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
	EDIF	Schematics	EDF, EDIF, EDN	4, 3, 2				✓	✓
	IDF	PCB, 3-D	EMN, EMP, BRD, LIB	3.0, 2.0				✓	✓
	IFF	Schematics	IFF	3				✓	✓
	IGES (2-D, 3-D)		IGES, IGS	5.3, 5.2, 5.1		2-D*	✓		✓
	ODB++	PCB, 3-D	TAR, GZ, TGZ, ZIP	7.0, 6.5, 5.3, 4.3				✓	✓
	ODB++(X)	PCB, XML	XML, ODB	1.x				✓	✓
	STEP AP 203		STP, STEP, STE, P21				✓		✓
	STEP AP 214		STP, STEP, STE, P21				✓		✓
<b>Others</b>									
	Barco DPF	Artwork	DPF, DPL	5.0				✓	✓
	Caltech Interchange Format CIF	Artwork	CIF	2				✓	✓
	GDSII	Artwork (binary)	GDS, GDS2, CAL, STRM	2				✓	✓
	Gerber Format	Artwork	GBL, GBR, PHO	RS274-D, RS274-X				✓	✓
	NC-Drill	Sieb Meyer Excellon	DRL, NCD					✓	✓
Refer to the <a href="#">Others</a> table for more formats.									
<b>Desktop / Office</b>									
Refer to the <a href="#">Desktop / Office</a> table.									
<b>Graphics</b>									
Refer to the <a href="#">Graphics</a> table.									

\* AutoVue 2D Professional displays a 2-D projection of a 3-D model.

## Desktop / Office

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
<b>Adobe</b>									
	Acrobat PDF		PDF	9.0, 8.0 (1.7), 7.0(1.6), 6.0(1.5), 5.0(1.4), 1.3, 1.2, 1.1, 1.0	✓	✓	✓	✓	✓
	Illustrator		AI	10, 9	✓	✓	✓	✓	✓
<b>Microsoft</b>									
	Word for Windows		DOC, DOCX	2007, 2003, 2002 (XP), 2000, 97, 95, 7, 6, 2.0	✓	✓	✓	✓	✓
	Excel		XLS, XLT, XLW, XLSX, XLTX	2007, 2003, 2002 (XP), 2000, 97, 95, 5, 4, 3, 2.1	✓	✓	✓	✓	✓
	PowerPoint		PPT, PPTX	2007, 2003, 2002 (XP), 2000, 97, 95, 4.0, 3.X	✓	✓	✓	✓	✓
	Rich Text Format		RTF	1.5	✓	✓	✓	✓	✓
	VISIO		VSD	2007, 2003, 2002, 2000	✓	✓	✓	✓	✓
	Microsoft Outlook		MSG		✓	✓	✓	✓	✓
<b>Others</b>									
	Plain Text (ASCII, UTF-8, Unicode, Multi-byte)		TXT		✓	✓	✓	✓	✓
Refer to the <a href="#">Others</a> table for more formats.									

## Graphics

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
CALS Group IV		Type I, Type II (Tiled, Stripped)	CAL, CG4, ML, ODA, MLR		✓	✓	✓	✓	✓
CompuServe GIF			GIF, RLE		✓	✓	✓	✓	✓
JEDMICS			C4			✓	✓		✓
JPEG			JPEG, JPG		✓	✓	✓	✓	✓
JPEG2000			JP2, JPF, J2K, J2C, JPC, JPX		✓	✓	✓	✓	✓
OS/2 1.1 Bitmap			BMP		✓	✓	✓	✓	✓
PNG			PNG		✓	✓	✓	✓	✓
TIFF			TIF, TIFF		Desktop Size*	✓	✓	Desktop Size*	✓
Windows Metafile			WMF	3	✓	✓	✓	✓	✓
Windows Bitmap			BMP		✓	✓	✓	✓	✓

Refer to the [Others](#) table for more formats.

\* Desktop size TIFF – maximum size is 32000 x 32000 pixels.

## Others

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue Electro-Mechanical Professional
	AIIM MS53	GP III, GP IV	A11		✓	✓	✓	✓	✓
	CAD Overlay			2000i, 2000, 14		✓	✓		✓
	Dr. Halo PIC		PIC		✓	✓	✓	✓	✓
	Enhanced Metafile		EMF, EMZ (Compressed)		✓	✓	✓	✓	✓
	GZip Archive		GZ		✓	✓	✓	✓	✓
	Hitachi Tracer		DWG, HRF			✓	✓		✓
	IBM IOCA/MODCA				✓	✓	✓	✓	✓
	Image Center		GP4			✓	✓		✓
	Image Systems		DWG, GP4, RES, RLC			✓	✓		✓
	Intergraph COT		CIT, COT, RGB, RLE, TG4			✓	✓		✓
	Intergraph Hybrid		CIT, COT, DGN			✓	✓		✓
	IRAS/B					✓	✓		✓
	Neutral Raster File		NRF		✓	✓	✓	✓	✓
	Paintbrush PCX		PCX		✓	✓	✓	✓	✓
	PCL		PCL, PRN	5	✓	✓	✓		✓
	Portable Bitmap		PPM		✓	✓	✓	✓	✓
	RLC File		RLC			✓	✓		✓
	Softelec RasterDWG		DWG			✓	✓		✓
	TAR Archive		TAR		✓	✓	✓	✓	✓
	TARGA		TGA		✓	✓	✓	✓	✓
	Windows 3 Icon-Resource		ICO		✓	✓	✓	✓	✓
	X-Windows Dump		XWD		✓	✓	✓	✓	✓
	ZIP Archive		ZIP		✓	✓	✓	✓	✓

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