Oracle AutoVue 21.0.0.1

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 21.0.0.1 family of products on Windows and Linux platforms.

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Contents

Supported File Formats

The following tables summarize the 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 / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
Autodesk									
	AutoCAD	Drawing, Drawing Exchange	DWG, DXF	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1,12		✓	✓		✓
	AutoCAD	Drawing Binary Exchange	DXB	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1,12		✓*	✓		✓
	AutoCAD Mechanical 2-D	Drawing	DWG	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)		✓	✓		✓
	Autodesk Mechanical Desktop 2-D	Drawing	DWG	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		✓	✓		✓
	Autodesk DWF 3D	Part, Assembly	DWF	6.20, 6.11, 6.01			✓		✓
	Autodesk Inventor	Drawing	IDW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✓		✓
	Autodesk Inventor	Part, Assembly	IPT, IAM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✓		✓
	Revit†	Drawing	DWG, DXF	2014, 2013, 2012, 2011, 2010, 2009, 2008			✓		✓
	Revit†	3-D	DWF	2014, 2013, 2012, 2011, 2010, 2009, 2008			✓		✓
Bentley Systems									
	MicroStation Drawing	Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		✓	✓		✓
	MicroStation Modeler	Drawing	DGN	7.1, J, 7.0, PE, 95		✓	✓		✓

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*   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 / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
Dassault Systems									
	CATIA V4*	Model, Export, Assembly, Session	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✓		✓
	CATIA V5	Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5-6 R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21 - 5R17			✓		✓
	SolidWorks	Drawing	SLDDRW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006		✓	✓		✓
	SolidWorks	Part, Assembly	SLDPRT, SLDASM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006			✓		✓
Parametric Technology Corporation									
	CoCreate Drafting / ME10 / OneSpace Designer Drafting	Drawing	MI, BI	17.25 - 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)		✓	✓		✓
	Creo Element / Direct Drafting	Drawing	MI, BI	18.00 – 17.25		✓	✓		✓
	Creo Parametric	Drawing	DRW, FRM, PIC,	3.0, 2.0, 1.0			✓		✓
	Creo Parametric	Part, Assembly	PRT ASM, XPR, XAS	3.0, 2.0, 1.0			✓		✓
	Pro/ENGINEER	Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✓		✓
	Pro/ENGINEER	Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✓		✓
Siemens PLM Software									
	DirectModel (JT)	Part, Assembly	JT	10, 9.5, 9.4, 9.3, 9.2, 9.1, 8.1, 8, 7, 6.4			✓		✓
	Solid Edge†	Draft	DFT	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18		✓	✓		✓
	Solid Edge	Part, Assembly, Sheet Metal	PAR, ASM, PSM	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18			✓		✓
	Unigraphics	Part, Assembly	PRT	NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6, NX5, NX4, NX3			✓		✓
Exchange Formats									
	CGM	Binary, ASCII (ClearText)	CGM	4, 3, 2, 1		✓	✓		✓
	CGM - CALS compliant		CGM			✓	✓		✓
	IFC	3-D	IFC, 2X2, 2X3	4, 3			✓		✓
	IGES	3-D	IGES, IGS	5.3, 5.2, 5.1					✓
	STEP	3-D	STP, STEP, STE, P21	AP 214, AP 203			✓		✓
	STL	Binary, Text	STL				✓		✓
Others									
	HPGL	2-D	HGL, HPG, PLT, PRN		✓	✓	✓		✓
	HPGL/2	2-D	HGL, HPG, PLT, PRN		✓	✓	✓		✓

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* CATIA V4 2D has been de-supported. CATIA V4 3D will continue to be supported.

† AutoVue supports a preview of Solid Edge 2D files as in the Solid Edge Viewer.

Engineering & Construction / Energy / Utilities

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	Refer to the Others table for more formats.								
Desktop / Office									
Refer to the Desktop / Office table.									
Graphics									
Refer to the Graphics table.									

Industrial Manufacturing / Automotive / Aerospace & Defense

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
Autodesk									
	AutoCAD	Drawing, Drawing Exchange	DWG, DXF	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1,12		✔	✔		✔
	AutoCAD	Drawing, Binary Exchange	DXB	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1,12		✔	✔		✔
	AutoCAD Mechanical 2-D	Drawing	DWG	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)		✔	✔		✔
	Autodesk Mechanical Desktop 2-D	Drawing	DWG	2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)		✔	✔		✔
	Autodesk Inventor	Drawing	IDW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✔		✔
	Autodesk Inventor	Part, Assembly	IPT, IAM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✔		✔
	Revit [*]	Drawing	DWG, DXF	2014, 2013, 2012, 2011, 2010, 2009, 2008			✔		✔
	Revit [*]	3-D	DWF	2014, 2013, 2012, 2011, 2010, 2009, 2008			✔		✔
Bentley Systems									
	MicroStation Drawing	Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4		✔	✔		✔
	MicroStation Modeler	Drawing	DGN	7.1, J, 7.0, PE, 95		✔	✔		✔
Dassault Systems									
	CATIA V4 [†]	Model, Export, Assembly, Session	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✔		✔
	CATIA V5	Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5-6 R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21 - 5R17			✔		✔
	SolidWorks	Drawing	SLDDRW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006		✔	✔		✔
	SolidWorks	Part, Assembly	SLDPRT, SLDASM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006			✔		✔
Parametric Technology Corporation									
	Creo Parametric	Drawing	DRW, FRM, PIC,	3.0, 2.0, 1.0			✔		✔
	Creo Parametric	Part, Assembly	PRT ASM, XPR, XAS	3.0, 2.0, 1.0			✔		✔
	Pro/ENGINEER	Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✔		✔

[*] Format support is provided through an exchange format

[†] CATIA V4 2D has been de-supported. CATIA V4 3D will continue to be supported.

Industrial Manufacturing / Automotive / Aerospace & Defense

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	Pro/ENGINEER	Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✔		✔
Siemens PLM Software									
	DirectModel (JT)	Part, Assembly	JT	10, 9.5, 9.4, 9.3, 9.2, 9.1, 8.1, 8, 7, 6.4			✔		✔
	Solid Edge *	Draft	DFT	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18		✔	✔		✔
	Solid Edge	Part, Assembly	PAR, ASM	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18			✔		✔
	Unigraphics	Part, Assembly	PRT	NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6, NX5, NX4, NX3			✔		✔
Exchange Formats									
	IGES	3-D	IGES, IGS	5.3, 5.2, 5.1					✔
	STEP	3-D	STP, STEP, STE, P21	AP 214, AP 203			✔		✔
	STL	Binary, Text	STL				✔		✔
Others									
	Refer to the Others table for more formats.								
Desktop / Office									
Refer to the Desktop / Office table.									
Graphics									
Refer to the Graphics table.									

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* AutoVue supports a preview of Solid Edge 2D files as in the Solid Edge Viewer.

Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
Altium									
	Altium Designer	PCB, 3-D Binary ASCII	PCBDOC, PRJPCB, PRJFPG, PRJCOR	10, Summer 2009, Winter 2009, Summer 2008, 6.0 to 6.9				✓	✓
	Altium Designer	Schematics, (Binary, ASCII)	SCHDOC, PRJPCB, PRJFPG, PRJCOR	10, Summer 2009, Winter 2009, Summer 2008, 6.0 to 6.9				✓	✓
Autodesk									
	Autodesk Inventor	Drawing	IDW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✓		✓
	Autodesk Inventor	Part, Assembly	IPT, IAM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10			✓		✓
Bentley Systems									
	MicroStation Drawing	Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4	✓		✓		✓
	MicroStation Modeler	Drawing	DGN	7.1, J, 7.0, PE, 95	✓		✓		✓
Cadence Design Systems									
	Allegro PCB Layouts / Concept HDL / Drawings / Symbols / Padstacks	PCB, 3-D	BRD, DRA, MCM, MDD, SSM, PSM, BSM, OSM, FSM, PAD	16.6, 16.5, 16.3, 16.2, 16.0, 15.0 to 15.7				✓	✓
	Allegro Design Entry HDL	Schematics	CPM, TAR, GZ, TGZ, ZIP	16.6, 16.5, 16.3, 16.2, 16.0, 15.x				✓	✓
	Cadence Cell Library*	Schematics	DAT					✓	✓
	Cadence Schematic Symbols	Schematics	CSS	16.6, 16.5, 16.3, 16.2, 16.0, 15.0 to 15.7				✓	✓
	OrCAD Capture Design/Library*	Schematics	DSN, DBK, OLB	16.6, 16.5, 16.3, 16.2, 16, 15.7				✓	✓
Dassault Systems									
	CATIA V4†	Model, Export, Assembly, Session	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0			✓		✓
	CATIA V5	Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5-6 R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21 - 5R17			✓		✓
	SolidWorks	Drawing	SLDDRW	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓		✓		✓
	SolidWorks	Part, Assembly	SLDPRT, SLDASM	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006			✓		✓
Mentor Graphics									
	Board Station	PCB, 3-D	ATTR, TAR, GZ, TGZ, ZIP	8.0 to 8.13				✓	✓
	Board Station ASCII Symbol Geometry*	PCB	PCBDOC					✓	✓
	Design Architect	Schematics	ATTR, TAR, GZ, TGZ, ZIP	8.13 – 8.0				✓	✓
	DxDesigner	Schematics	DPROJ, TAR, GZ, TGZ, ZIP	2005, 2004, 2002				✓	✓

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* Format does not generate a streaming file.

† CATIA V4 2D has been de-supported. CATIA V4 3D will continue to be supported.

Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	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				✓	✓
	Mentor CCZ	PCB Schematics						✓	✓
	PADS Layout	PCB, 3-D	ASC, PCB	2007, 2005 Spac2 (Binary, ASCII), 2005 (Binary, ASCII)				✓	✓
	PADS Logic	Schematics	SCH, TXT	2007, 2005 Spac2 (Binary, ASCII), 2005 (Binary, ASCII)				✓	✓
Parametric Technology Corporation									
	Creo Parametric	Drawing	DRW, FRM, PIC	3.0, 2.0, 1.0			✓		✓
	Creo Parametric	Part, Assembly	PRT ASM, XPR, XAS	3.0, 2.0, 1.0			✓		✓
	Pro/ENGINEER	Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✓		✓
	Pro/ENGINEER	Part, Assembly	PRT, ASM, XPR, XAS	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire			✓		✓
Siemens PLM Software									
	DirectModel (JT)	Part, Assembly	JT	10, 9.5, 9.4, 9.3, 9.2, 9.1, 8.1, 8, 7, 6.4			✓		✓
	Solid Edge*	Draft	DFT	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18		✓	✓		✓
	Solid Edge	Part, Assembly, Sheet Metal	PAR, ASM, PSM	ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18			✓		✓
	Unigraphics	Part, Assembly	PRT	NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6, NX5, NX4, NX3			✓		✓
Zuken									
	CR-5000†	Schematics	EDIF					✓	✓
Exchange Formats									
	CGM	Binary, ASCII (ClearText)	CGM	4, 3, 2, 1		✓	✓		✓
	CGM - CALS compliant		CGM			✓	✓		✓
	EDIF	Schematics	EDF, EDIF, EDN	4, 3, 2				✓	✓
	IDF	PCB, 3-D	EMN, EMP, BRD, LIB	3.0, 2.0				✓	✓
	IGES	3-D	IGES, IGS	5.3, 5.2, 5.1					✓
	ODB++	PCB, 3-D	TAR, GZ, TGZ, ZIP	7.0, 6.5, 5.3, 4.3				✓	✓
	ODB++(X)	PCB, XML	XML	1.x				✓	✓
	STEP	3-D	STP, STEP, STE, P21	AP 214, AP 203			✓		✓
Others									
	GDSII	Artwork (binary)	GDS, GDS2, CAL, STRM	2				✓	✓
	Gerber Format	Artwork	GBL, GBR, PHO	RS274-D, RS274-X				✓	✓

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* AutoVue supports a preview of Solid Edge 2D files as in the Solid Edge Viewer.

† Format support is provided through an exchange format.

Electronics & High Tech

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	NC-Drill	Sieb Meyer Excellon	DRL, NCD					✓	✓
	Refer to the Others table for more formats.								
Desktop / Office									
Refer to the Desktop / Office table.									
Graphics									
Refer to the Graphics table.									

Desktop / Office

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
Adobe									
	Acrobat PDF Acrobat PDF/A	PDF		XI (11), X (10), 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	✓	✓	✓	✓	✓
Microsoft									
	Word	DOC, DOCX		2010, 2007, 2003, 2000, 97, 95, 7, 6	✓	✓	✓	✓	✓
	Excel	XLS, XLT, XLW, XLSX, XLTX		2010, 2007, 2003	✓	✓	✓	✓	✓
	PowerPoint	PPT, PPTX		2010, 2007, 2003	✓	✓	✓	✓	✓
	Rich Text Format	RTF		1.5					
	VISIO	VSD		2007, 2003, 2002, 2000	✓	✓	✓	✓	✓
	Outlook	MSG		2010, 2007	✓	✓	✓	✓	✓
Others									
	Plain Text (ASCII, UTF-8, Unicode, Multi-byte)	TXT			✓	✓	✓	✓	✓
Refer to the Others table for more formats.									

Graphics

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	Adobe Illustrator**		AI	CS4 and up	✔	✔	✔	✔	✔
	CALS Group IV	Type I, Type II (Tiled, Stripped)	CAL, CG4, MIL, ODA, MLR		✔	✔	✔	✔	✔
	CompuServe GIF		GIF, RLE		✔	✔	✔	✔	✔
	JPEG		JPEG, JPG		✔	✔	✔	✔	✔
	PNG		PNG		✔	✔	✔	✔	✔
	TIFF		TIF, TIFF		Desktop Size*	✔	✔	Desktop Size*	✔
	Windows Metafile		WMF	3	✔	✔	✔	✔	✔
	Windows Bitmap		BMP		✔	✔	✔	✔	✔
Refer to the Others table for more formats.									

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* Desktop size TIFF – maximum size is 32000 x 32000 pixels.
**In Adobe Illustrator, the PDF compatibility check box has to be selected.

Others

Vendor	Product / File Format	File Type	Extensions	Versions	AutoVue Office	AutoVue / AutoVue for Agile 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue / AutoVue for Agile Electro-Mechanical Professional
	Enhanced Metafile		EMF, EMZ (Compressed)		✓	✓	✓	✓	✓
	PCL		PCL, PRN	5	✓	✓	✓		✓
	ZIP Archive		ZIP		✓	✓	✓	✓	✓

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