



Adept 2018

Supported Viewer Formats

Including all Service Packs, Patches, and Hot Fixes

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ADEPT VIEWER: SUPPORTED FILE FORMATS

The following tables summarize the hundreds of document types supported by the Adept Viewer which is provided to Synergis Software by Oracle 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.

Note: Changes from previous version are highlighted in yellow. This version of the document reflects support by the latest available version of Adept 2018. File format support offered in previous versions of Adept 2017 will vary.

Engineering & Construction / Utilities / Energy						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
Autodesk						
	AutoCAD	Drawing, Drawing Exchange	DWG, DXF	2018, 2017, 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	2018, 2017, 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	2018, 2017, 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, Web	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	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10	✓	✓
	Autodesk Inventor	Part, Assembly	IPT, IAM	2018, 2017, 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	✓	✓

‡ Format support is provided through an exchange format.

Engineering & Construction / Utilities / Energy (cont.)						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
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	5-6R2017, 5-6R2016 (R26), 5-6R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21-5R17	✓	✓
SOLIDWORKS	Drawing		SLDDRW	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓	✓
SOLIDWORKS	Part, Assembly		SLDPRT, SLDASM	2018, 2017, 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	ST9, ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18	✓	✓
Solid Edge	Part, Assembly, Sheet Metal		PAR, ASM, PSM	ST9, ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18	✓	✓
Unigraphics	Part, Assembly		PRT	NX11, NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6,	✓	✓

NX5, NX4, NX3

* CATIA V4 2D has been de-supported. CATIA V4 3D will continue to be supported.
 † Adept Viewer supports a preview for Solid Edge 2D files as in the Solid Edge Viewer.

Engineering & Construction / Utilities / Energy (cont.)						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
Exchange Formats						
	CGM	Binary, ASCII (Clear Text)	CGM	4, 3, 2, 1	✓	✓
	CGM – CALS Compliant		CGM		✓	✓
	IFC	3-D	IFC, IFCZIP	IFC2X4, IFC2X3 and IFC2X2	✓	✓
	IGES	3-D	IGES, IGS	5.3, 5.2, 5.1		✓
	STEP	3-D	STP, STEP, STE, P21	AP214, AP203	✓	✓
	STL	Binary, Text	STL		✓	✓
Others						
	HPGL	2-D	HGL, HPG, PLT, PRN		✓	✓
	HPGL/2	2-D	HGL, HPG, PLT, PRN		✓	✓
Refer to Others table for more formats						
Desktop/ Office						
Refer to Desktop / Office table.						
Graphics						
Refer to Graphics table.						

Industrial Manufacturing / Automotive / Aerospace & Defense						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
Autodesk						
Autodesk	AutoCAD	Drawing, Drawing Exchange	DWG, DXF	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12	✓	✓
Autodesk	AutoCAD	Drawing, Binary Exchange	DXB	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12	✓	✓
Autodesk	AutoCAD Mechanical 2-D	Drawing	DWG	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004 DX, 2004, 6(2002), 5(2000i), 4(2000)	✓	✓
Autodesk	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	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10	✓	✓
Autodesk	Inventor	Part, Assembly	IPT, IAM	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10	✓	✓
Autodesk	Revit†	Drawing	DWG, DXF	2014, 2013, 2012, 2011, 2010, 2009, 2008	✓	✓
Autodesk	Revit†	3-D	DWF	2014, 2013, 2012, 2011, 2010, 2009, 2008	✓	✓
Bentley Systems						
Bentley	MicroStation Drawing	Drawing	CEL, DGN	8i, 8 XM, 8.5, 8.1, 8, J, SE, 95, 5, 4	✓	✓
Bentley	MicroStation Modeler	Drawing	DGN	7.1, J, 7.0, PE, 95	✓	✓
Dassault Systems						
Dassault	CATIA V4‡	Model, Export, Assembly, Session	MODEL, EXP, ASM, SESSION	4R2.X, 4R1.X, 4.0	✓	✓
Dassault	CATIA V5	Part, Product, Drawing	CGR, CATPart, CATProduct, CATDrawing	5-6R2017, 5-6R2016 (R26), 5-6R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21-5R17	✓	✓
Dassault	SOLIDWORKS	Drawing	SLDDRW	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓	✓
Dassault	SOLIDWORKS	Part, Assembly	SLDPRT, SLDASM	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓	✓

† 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 (cont.)						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
Parametric Technology Corporation						
Creo Parametric	Drawing	Drawing	DRW, FRM, PIC	3.0, 2.0, 1.0	✓	✓
Creo Parametric	Part, Assembly	Part, Assembly	PRT, ASM, XPR, XAS	3.0, 2.0, 1.0	✓	✓
Pro/ENGINEER	Drawing	Drawing	DRW, FRM, PIC	WildFire 5.0, WildFire 4.0, WildFire 3.0, WildFire 2.0, WildFire	✓	✓
Pro/ENGINEER	Part, Assembly	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	Part, Assembly	JT	10, 9.5, 9.4, 9.3, 9.2, 9.1, 8.1, 8, 7, 6.4	✓	✓
Solid Edge*	Draft	Draft	DFT	ST9, ST8, ST7, ST6, ST5, ST4, STt3, ST2, ST, 20, 19, 18	✓	✓
Solid Edge	Part, Assembly, Sheet Metal	Part, Assembly, Sheet Metal	PAR, ASM, PSM	ST9, ST8, ST7, ST6, ST5, ST4, STt3, ST2, ST, 20, 19, 18	✓	✓
Unigraphics	Part, Assembly	Part, Assembly	PRT	NX11, NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6, NX5, NX4, NX3	✓	✓
Exchange Formats						
IGES	3-D	3-D	IGES, IGS	5.3, 5.2, 5.1		✓
STEP	3-D	3-D	STP, STEP, STE, P21	AP214, AP203	✓	✓
STL	Binary, Text	Binary, Text	STL		✓	✓
Others						
Refer to Others table for more formats.						
Desktop/Office						
Refer to Desktop / Office table.						
Graphics						
Refer to Graphics table.						

* Adept Viewer 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	Adept Viewer	Adept Pro-Viewer
Altium						
	Altium Designer	PCB, 3-D, Binary ASCII	PCBDOC, PRJPCB, PRJFPG, PRJCOR	10, Summer 2009, Winter 2009, Summer 2008, 6.9-6.0		✓
	Altium Designer	Schematics (Binary, ASCII)	SCHDOC, PRJPCB, PRJFPG, PRJCOR	10, Summer 2009, Winter 2009, Summer 2008, 6.9-6.0		✓
Autodesk						
	Autodesk Inventor	Drawing	IDW	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 11, 10	✓	✓
	Autodesk Inventor	Part, Assembly	IPT, IAM	2018, 2017, 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, MMD, SSM, PSM, BSM, OSM, FSM, PAD	17.2, 16.6, 16.5, 16.3, 16.2, 16.0, 15.7-15.0		✓
	Allegro Design Entry HDL	Schematics	CPM, TAR, GZ, TGZ, ZIP	17.2, 16.6, 16.5, 16.3, 16.2, 16, 15.x		✓
	Cadence Cell Library *	Schematics	DAT			✓
	Cadence Schematic Symbols	Schematics	CSS	17.2, 16.6, 16.5, 16.3, 16.2, 16.0, 15.0 to 15.7		✓
	OrCAD Capture Design/Library*	Schematics	DSN, DBK, OLB	17.2, 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	5-6R2017, 5-6R2016(R26), 5-6R2015, 5-6R2014, 5-6R2013, 5-6R2012, 5R21 to 5R17	✓	✓
	SOLIDWORKS	Drawing	SLDDRW	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓	✓
	SOLIDWORKS	Part, Assembly	SLDPRT, SLDASM	2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006	✓	✓

‡ CATIA V4 2D has been de-supported. CATIA V4 3D will continue to be supported.
 * Format does not generate a streaming file.

Electronics & High Tech (cont.)						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
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	8.0 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, PCB, 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	ST9, ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18	✓	✓
	Solid Edge	Part, Assembly, Sheet Metal	PAR, ASM, PSM	ST9, ST8, ST7, ST6, ST5, ST4, ST3, ST2, ST, 20, 19, 18	✓	✓
	Unigraphics	Part, Assembly	PRT	NX11, NX10, NX9, NX8.5, NX8, NX7.5, NX7, NX6, NX5, NX4, NX3	✓	✓

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

Electronics & High Tech (cont.)						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
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	AP214, AP203	✓	✓
Others						
	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 Others table for more formats.						
Desktop/ Office						
Refer to Desktop / Office table for more formats.						
Graphics						
Refer to Graphics table for more formats.						

† Format support is provided through an exchange format.

Desktop / Office						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
Adobe						
	Acrobat PDF Acrobat PDF/A		PDF	DC 2015, 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	✓	✓
	Microsoft 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	Adept Viewer	Adept Pro-Viewer
	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		✓	✓
	Windows Metafile		WMF	3	✓	✓
	Windows Bitmap		BMP		✓	✓
Refer to the Others table for more formats.						

** In Adobe Illustrator, the PDF compatibility check box has to be selected.

Others						
Vendor	Product / File Format	File Type	Extensions	Versions	Adept Viewer	Adept Pro-Viewer
	Enhanced Metafile		EMF, EMZ (Compressed)		✓	✓
	PCL		PCL, PRN	5	✓	✓
	ZIP Archive		ZIP		✓	✓

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