

Version 2003-149 Service Pack 1

Internal Viewer File Format Support List

3D / 2D CAD & Vector-Based Engineering Formats			
File Format	File Type	Releases / Versions	Extensions
Anvil viewer		1000	DRW
AutoCAD viewer	Drawing, Drawing Exchange	2005, 2004, 2002, 2000i, 2000, 14, 13c4, 13c3, 13c2, 13c1, 12, 10, 9, 2.x	DWG, DXF
AutoCAD viewer	Drawing, Web	6, 5.5, 5, 4.x, 3.x, 2.x	DWF
AutoCAD viewer	Drawing, Binary Exchange		DXB
AutoCAD viewer	Slide , Slide Library		
AutoCAD viewer	Sheet Set Files		DST
AutoCAD Mechanical 2D Viewer		2005, 2004 DX, 2004, 6 (2002), 5 (2000i), 4 (2000)	DWG
AutoCAD Mechanical 3D Viewer		2005, 2004 DX, 2004, 6 (2002), 5 (2000i), 4 (2000)	DWG
Autodesk Inventor viewer	Drawing	8, 7, 6, 5.3, 5, 4	IDW
Autodesk Inventor viewer	Parts, Assembly	8, 7, 6, 5.3, 5, 4, 3, 2, 1	IPT, IDV, IAM, IDE
Autodesk Mechanical Desktop viewer (2D)		2004, 6, 2000i, 2000, 5, 4, 3, 2, 1.2	DWG
Autodesk Mechanical Desktop viewer (3D)	Parts, Assembly	2004, 6, 2000i, 2000, 5	DWG
Cadkey viewer	Part File	19, 99, 98, 97, 7, 6, 5, 4.x, 3.x	PRT
CALCOMP viewer	PCI 906 / 907 Plot		PCI, PLT
CATIA 4 viewer	Model, Export	5, 4.2.4, 4.1.x, 4.0	MODEL, EXP
CATIA 5 viewer	Part, Product, Drawing	R13, R12, R11, R10, R9, R8, R7	CGR, CATPart, CATProduct, CATDrawing
CGM viewer		4, 3, 2, 1	CGM
CGM - CALS compliant viewer		CGM	

DirectModel (JT) viewer		7, 6.2	JT
ESRI Shapefile			SHP
Generic CADD viewer		CMP, DWG, GCD	
Hitachi CADCORE viewer		5.0	DRW
HPGL viewer			HGL, HPG, PLT, PRN
HPGL/2 viewer			HGL, HPG, PLT, PRN
HP RTL viewer			HGL, HPG, PLT, PRN
IGES viewer (2D)		5.3, 5.2, 5.1	GES, IGS
IGES viewer (3D)		5.3, 5.2, 5.1	IGES, IGS
ME10 viewer		12, 11.65, 11(2002), 2000+, 10, 9, 8, 7, 6	MI
MicroStation Drawing viewer		8.5, 8.1, 8, J, SE, 95, 5, 4	CEL, DGN
MicroStation Modeller viewer		7.1, J, 7.0, PE, 95	DGN
Parasolids viewer	Binary, Text	14.1, 14, 13.2, 13, 12.1, 12, 11.1, 11	X_T, X_B
Postscript viewer			EPS, PS
Postscript viewer (Encapsulated)			EPS
Pro/ENGINEER viewer	Drawing	WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18	DRW, FRM
Pro/ENGINEER viewer	Part, Assembly	WildFire 2.0, WildFire, 2001, 2000i2, 2000i, 20, 19, 18	PRT, ASM
SolidDesigner viewer / OneSpace Designer viewer	Part, Part Container	12, 11, 9, 8.5, 2000+, 8, 7, 6	SDP, SDPC
SolidDesigner viewer / OneSpace Designer viewer	Assembly, Assembly Container	12, 11, 9, 8.5, 2000+, 8, 7, 6	SDA, SDAC
SolidDesigner viewer / OneSpace Designer viewer	Package, Bundle	9, 8.5, 2000+, 8, 7, 6	PKG, BDL
Solid Edge viewer	Draft	15, 14, 13, 12, 11, 10, 9, 8, 7, 6	DFT
Solid Edge viewer	Part, Assembly	15, 14, 13, 12, 11, 10, 9, 8, 7, 6	PAR, ASM
SolidWorks viewer	Drawing	2004, 2003, 2001+, 2001, 2000, 99, 98, 97	SLDDRW
SolidWorks viewer	Part, Assembly	2004, 2003, 2001+, 2001, 2000, 99, 98, 97	SLDPRT, SLDASM
SPATIAL ACIS viewer	Binary, Text	7, 6, 5, 4, 3, 2.1, 2, 1.7, 1.6, 1.5, 1.4	SAB, SAT
STEP viewer		AP 214, AP	STP

		203	
STL viewer	Binary, Text		STL
Unigraphics viewer	Draft	NX2, NX1, 18, 17, 16	PRT
Unigraphics viewer	Part, Assembly	NX2, NX1, 18, 17, 16, 15, 14, 13	PRT
VDA-FS viewer			VDA
VRML viewer		2, 1.1, 1.0, 97	WRL

Electronics Design Formats			
File Format	File Type	Releases / Versions	Extensions
Barco DPF viewer		5.0	DPF, DPL
Cadence Allegro IPF viewer	PCB		PLT
Cadence Allegro viewer	PCB Layout / Drawings / Symbols	15.x, 14.x, 13.x	BRD, DRA, SSM, MCM, PSM, BSM, OSM, FSM
Cadence Allegro Extract viewer	PCB		AEW, TXT, TAR, GZ, ZIP
Cadence Concept HDL viewer		15.x, 14.x	CPM, TAR, ZIP
Cadence SPECCTRA viewer		15.x, 14.x	DSN
Caltech Interchange Format viewer	Artwork	2.0	CIF
EDIF viewer	Schematics	4, 3, 2	EDF, EDIF, EDN
GenCam viewer	PCB, Schematics	1.5	GCM
Gerber viewer	Artwork	RS-274-D, RS-274-X	GBR, PHO
GDS II viewer	Artwork (Binary)	2	GDS
HP IFF viewer	Schematics	3.0	IFF
IDF viewer	PCB	3.0, 2.0	EMN, EMP, BRD, LIB
Mentor Neutral viewer	PCB		NEU
Mentor Board Station viewer	PCB Layout	8.x	ATTR
Mentor Design Architect viewer	Schematics	8.x	ATTR
Mentor Expedition PCB Viewer	PCB	2002	GZ, PCB, PRJ, TAR, TGZ, ZIP
Mentor Expedition Schematics Viewer	Schematics	2002	GZ, SBK, PRJ, TAR, TGZ, ZIP
ODB++ viewer	PCB	5.3, 4.3	TAR, GZ, TG ZIP
ODB++(X) viewer	PCB	1.0	XML
Orcad viewer	Schematics Capture / Design /	10.x, 9.x, 7.2, 7.0	DSN, DBK, OLB

	Library		
Orcad viewer	PCB Layout: Binary / ASCII	10.x, 9.x, 7.2, 7.0	MIN, MAX
PADS PowerPCB viewer	PCB (ASCII)	5.x, 4.x	ASC
PADS PowerLogic viewer	Schematics	5.x, 4.x	SCH, TXT
P-CAD viewer	PCB Layout	2002, 2001, 2000	PCB
P-CAD viewer	Schematics	2002, 2001, 2000	SCH
PDIF viewer	PCB	8.5, 7.0	PDF, PDIF
PDIF viewer	Schematics	8.5, 7.0	PDF, PDIF
Protel Layout viewer	PCB, 3D	99SE, 99, 98	PCB
Protel Schematics viewer	Schematics	99SE, 99, 98	SCH
Zuken CADSTAR viewer	PCB, 3D	6.0, 5.0	PCB
Zuken CADSTAR viewer	Schematics	6.0, 5.0	SCM

Raster Based Engineering Formats			
File Format	File Type	Releases / Versions	Extensions
CALS Group IV viewer	Type I, Type II (Tiled, Stripped)		CAL, CG4, MIL, ODA
EDMICS viewer			
GTX viewer			DTX
Hitachi viewer			HRF
Image Center viewer			GP4
Intergraph COT viewer			CIT, COT, RGB, RLE, TG4
JEDMICS viewer			G4
RLC File viewer			RLC
TIFF viewer			TIF, TIFF

Hybrid Engineering Formats			
File Format	File Type	Releases / Versions	Extensions
CAD Overlay viewer		2000i, 2000, 14	
GTX viewer			DWG, GP4, REF
Hitachi Tracer viewer			DWG, HRF
Image Systems viewer			DWG, GP4, RES, RLC
Intergraph Hybrid viewer			CIT, COT, DGN
IRAS/B viewer			

Softelec RasterDWG viewer			DWG
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Vector Graphics Formats			
File Format	File Type	Releases / Versions	Extensions
Acrobat PDF viewer		1.5, 1.4, 1.3, 1.2, 1.1, 1.0	PDF
Corel Presentation Exchange viewer		7.0, 6.0, 5.0	CMX
Amipro Graphics viewer			SDW
Illustrator viewer		10, 9, 8, 7, 6, 5, 4, 3, 2, 1	AI
Lotus PIC File Image viewer			PIC
Microsoft Project viewer		2002, 2000, 98	MPP
PCL viewer		5	PCL, PRN
PowerPoint viewer		2003, 2002, XP, 2000, 97, 95, 4.0, 3.x	PPT
SVG viewer		1.0	SVG, SVGZ
Windows Metafile viewer		3	WMF
WordPerfect graphics viewer		2, 1	WPG
Visio viewer		2003, 2002, 2000, 5, 4	VSD

Raster and Bitmap Formats			
File Format	File Type	Releases / Versions	Extensions
AIIM MS53 viewer		GP III, GP IV	A11
AMIGA viewer		IFF / LBM File	IFF, LBM
CompuServe GIF viewer			GIF, RLE
CorelDraw! Bitmap Preview viewer		5.x, 4.x, 3.x, 2.x	CDR
CUT Raster viewer			CUT
Databeam viewer			DBX
Dr. Halo PIC viewer			PIC
GEM IMG Bitmap viewer			IMG
IBM IOCA/MODCA viewer			
JPEG viewer			JPEG, JPG
JPEG 2000 viewer			JP2, JPF, J2K, J2C, JPC, JPX
MAC viewer			MAC
Neutral Raster File viewer			NRF
OS/2 1.1 Bitmap viewer			BMP

Paintbrush PCX viewer			PCX
PNG viewer			PNG
Portable Bitmap viewer			PPM
SUN Raster File viewe			PR
TARGA viewer			TGA
TIFF viewer (Desktop Size)			TIF, TIFF
Windows Bitmap viewer			BMP
Windows 3 Icon Resource viewer			ICO
Word Perfect Graphics Bitmap viewer			WPG
X-Windows Dump viewer			XWD

Fax Formats			
File Format	File Type	Releases / Versions	Extensions
Brooktrout			
Everfax		-3, -2	
Frecom			
Fujitso			
Gamma			
Generic			
Hybrid J-T			
Intel			
Net-Fax			
Product R&D Fax Modem			
Raw Group III			
Relisys			
Ricoh			
Scifax			
Smartfax			
Trigem			
Winfax Pro		4, 3	
Worldport			

Word Processor Formats			
File Format	File Type	Releases / Versions	Extensions
Amipro Document viewer		3, 2	SAM
Amipro Style Sheet viewer		3, 2	STY
Microsoft Write viewer			WRI
Plain Text viewer	ASCII, UTF-8, Unicode, Multi-byte		TXT
Word for DOS viewer		6.0, 5.5, 5.0	DOC
Word for Windows viewer		2003, 2002, XP, 2000, 97, 95, 7, 6, 2.0	DOC
Rich Text Format viewer		1.x	RTF

WordPerfect viewer		7, 6, 5.2, 5.1, 5.0	WPD
WordStar viewer		3.0, 2.0, 1.01D, 7.x, 6.x, 5.x, 3.x, 2.2x	WS

Database Formats			
File Format	File Type	Releases / Versions	Extensions
Access			MDB
Database Express		1.0	DBM, FRM, TDF
Fox/Dbase		IV, III+, III, II	DBF
Paradox		4.0, 3.5	DB
Paradox Index File		4.0, 3.5	PX

Spreadsheet Formats			
File Format	File Type	Releases / Versions	Extensions
Excel viewer		2003, 2002, XP, 2000, 97, 95, 7, 6, 5, 4, 3	XLS
Lotus 1-2-3 viewer DOS, Mac, UNIX, Windows		3.x, 2, 1.2, 1.1, 1.0, 1.A	WR3, WR1, WRK
Lotus Symphony viewer			WRK, WR1
Quattro viewer		1.x	WKQ, WK1
Quattro Pro for DOS viewer		4, 3, 2, 1	WKQ, WQ1
Quattro Pro for Windows viewer		7, 6, 5, 2, 1	WB3, WB2, WB1
Symphony viewer		2.0, 1.2, 1.1, 1.01, 1.0	WK4, WK3, WRK, WRL

Archived Formats			
File Format	File Type	Releases / Versions	Extensions
7-ZIP			7Z
ARJ			ARJ
BZip2			BZ2
CAB			CAB
Debian			DEB
GZip			GZ
LHARC			LZH
RAR			RAR
RPM			RPM
TAR			TAR
ZIP			ZIP