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Machine tool software support article
Productivity+™ Active Editor Pro

Solid model compatibility

Overview

Productivity+™ Active Editor Pro has the ability to import multiple solid models, which can then be used to select measured features. Models created using a number of common formats are supported, some as standard, and others via the purchase of additional CAD importers.

This document provides a record of the compatible file types and CAD package releases/versions that can be used to create solid models for use with Productivity+ Active Editor Pro.

Information can also be found within the on-line help, '*Importing a CAD model*' (*(Help > Content > Using Productivity+(TM) Active Editor Pro > Creating an inspection program > Importing a solid model).*

Software family/product concerned

Productivity+™ Active Editor Pro, Version 1.4 onwards

Details

The following tables provide information on supported solid model file types and formats, with information relating to the most recent software version provided first.

Versions 3.4

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	R1 - 2020 1.0
CATIA V4	.exp, .model, .session	4.1.9 - 4.2.4
CATIA V5	.CATPart, .CATProduct, .CATDrawing	V5 R8 - V5-6 R2020
3D EXPERIENCE® (CATIA V6)	.CATPart, .CATProduct, .3dxml	Up to V6 R2020x
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt (V6 - V2020), .iam (V11 - V2020)	V11 - 2020
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin, .p_b, .xmp_bin, .p_t, .xmp_txt	9.0 - 32.0.152
Pro/ENGINEER®/Creo®	.prt, .prt.*, .asm, .asm.*	16 - Creo 6.0
SolidWorks	.sldprt, .sldasm, .slddrw	98 - 2020
STEP†	.stp, .step	AP203, AP214, AP242
NX™	.prt	11 - NX 1899

† These file formats are supported as standard. Other file types and formats require the purchase of additional CAD importer options which must be installed and activated prior to use.

Versions 3.2 and 3.3

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	R1 - 2018 1.0
CATIA V4	.exp, .model, .session	4.1.9 - 4.2.4
CATIA V5	.CATPart, .CATProduct, .cgr, . CATDrawing	V5R8 - 5-6R2018
3D EXPERIENCE® (CATIA V6)	.CATPart, .CATProduct, .cgr, .3dxml	Up to V6 R2018x
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt (V6 - V2019), .iam (V11 - V2019)	V11 - 2019
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin, .p_b, .xmp_bin, .p_t, .xmp_txt	9.0 - 30.0.198
Pro/ENGINEER®/Creo®	.prt, .prt.*, .asm, .asm.*	16 - Creo 5.0
SolidWorks	.sldprt, .sldasm, .slddrw	98 - 2018
STEP†	.stp, .step	AP203, AP214, AP242
NX™	.prt	11 - NX 12.0.0

Version 3.1

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	R1 – 2018 1.0
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct, .cgr, .CAT-Drawing	V5R8 – 5-6R2018
3D EXPERIENCE® (CATIA V6)	.CATPart, .CATProduct, .cgr, .3dxml	Up to V6 R2018x
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt (V6 – V2018) .iam (V11 – V2018)	V11 – 2018
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin, .p_b, .xmp_bin, .p_t, .xmp_txt	9.0 – 30.0.198
Pro/ENGINEER®/Creo®	.prt, .prt.*, .asm, .asm.*	16 – Creo 4.0
SolidWorks	.sldprt, .sldasm, .slddrw	98 – 2018
STEP†	.stp, .step	AP203, AP214, AP242
NX™	.prt	11 – NX 12.0.0

Versions 2.9 and 3.0

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R1 _ 2017 1.0
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5/V6	.CATPart, .CATProduct	R8 – R27, V5–6R2017
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	V6 – V2017 V11 – 2017
Parasolid†	.x_t, .xmt_txt, .x_b	Versions 9.0 – 29.0
Creo Elements/Pro (legacy Pro/Engineer)	.prt, .prt*, .asm, .asm*	16 – Creo 3.0
SolidWorks	.sldpart, .sldasm	98 – 2017
STEP†	.stp, .step	AP203, AP214, AP242 (geometry only)
NX (legacy Unigraphics)	.prt	11 – NX11

Versions 2.7 and 2.8

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R1 – 2016 1.0
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5/V6	.CATPart, .CATProduct	V5 R8 – R25, V5-6R2012, V5-6R2015
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 – 2016
Parasolid†	.x_t, .xmt_txt, .x_b	Versions 9.0 – 28.0.159
Creo Elements/Pro (legacy Pro/Engineer)	.prt, .prt*, .asm, .asm*	16 – Creo 3.0
SolidWorks	.sldpart, .sldasm	98 – 2015
STEP†	.stp, .step	AP203, AP214 (geometry only)
NX (legacy Unigraphics)	.prt	Versions 11 – NX10

Versions 2.0 to 2.6

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R24
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	V5 R6 – R23 (V5 – 6R2013)
CATIA V6	.CATPart, .CATProduct (.cgr supported but imports no usable data)	V6R2014
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 – 12, 2008 – 2014 Versions 11, 2008 – 2014
Parasolid†	.x_t, .xmt_txt, .x_b	Versions 10.0 – 26.0.151
Creo Elements/Pro (legacy Pro/Engineer)	.prt, .prt*, .asm, .asm*	Pro/E 16 – Wildfire 3 – 5 and Creo 2.0
SolidWorks	.sldpart, .sldasm	Versions Sw98 - Sw2013
STEP†	.stp, .step	AP203, AP214 (geometry only)
NX (legacy Unigraphics)	.prt	Versions 11 – 18, and NX1, NX2, NX3, NX4, NX5, NX6, NX7, NX7.5, NX8, NX8.5

Version 1.91

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R21
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	R6 – R22
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 – 12 and 2008 – 2012 Versions 11, and 2008 – 2012
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin	Versions 10.0 – 22.0
Creo Elements/Pro (legacy Pro/Engineer)	.prt, .prt*, .asm, .asm*, .xpr, .xas	Pro/E 16, Wildfire 3 – 5 and Creo 1.0
SolidWorks	.sldpart, .sldasm	Versions 98 – 2012
STEP†	.stp, .step	AP203, AP214 (geometry only)
NX (legacy Unigraphics)	.prt	Versions 11 – 18 and NX1 – NX8

Versions 1.85 and 1.90

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R21
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	R6 – R20
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 –11 and 2008 – 2011 Versions 11 and 2008 – 2011
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin	Versions 10.0 – 22.0
Pro/Engineer	.prt, .prt*, .asm, .asm*, .xpr, .xas	Pro/E 16, Wildfire 3 – 5
SolidWorks	.sldpart, .sldasm	Versions 98 – 2010
STEP†	.stp, .step	AP203, AP214 (geometry only)
Unigraphics	.prt	Versions 11 – 18 and NX1 – NX7.5

Version 1.8

File type	File extension	Compatibility
ACIS	.sat, .sab, .asat, .asab	Up to R21
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	R6 – R20
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 – 11 and 2008 – 2011 Versions 11 and 2008 – 2011
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin	Versions 10.0 – 22.0
Pro/Engineer	.prt, .prt*, .asm, .asm*, .xpr, .xas	Pro/E 16, Wildfire 3 – 5
SolidWorks	.sldpart, .sldasm	Versions 98 – 2010
STEP†	.stp, .step	AP203, AP214 (geometry only)
Unigraphics	.prt	Versions 11 – 18 and NX1 – NX7

Versions 1.6 and 1.7

File type	File extension	Compatibility
ACIS	.sat, .sab	Up to R18
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIA V5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	R6 – R18
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt .iam	Versions 6 – 12 Versions 11 – 12
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin	Versions 10.0 – 19.0
Pro/Engineer	.prt, .prt*, .asm, .asm*, .xpr, .xas	Pro/E 16, Wildfire 3
SolidWorks	.sldpart, .sldasm	Versions 98 – 2008
STEP†	.stp, .step	AP203, AP214 (geometry only)
Unigraphics	.prt	Versions 11 – 18 and NX1 – NX5

Versions 1.4 and 1.5

File type	File extension	Compatibility
ACIS	.sat, .sab	Up to R18
CATIA V4	.exp, .model, .session	4.1.9 – 4.2.4
CATIAV5	.CATPart, .CATProduct (.cgr supported but imports no usable data)	R6 – R18
IGES†	.igs, .iges	Up to 5.3
AutoDesk Inventor	.ipt	Versions 6 – 12
Parasolid†	.x_t, .xmt_txt, .x_b, .xmt_bin	Versions 10.0 – 18.0.141
Pro/Engineer	.prt, .prt*, .asm, .asm*, .xpr, .xas	Pro/E 16, Wildfire 3
SolidWorks	.sldpart, .sldasm	Versions 98 – 2007
STEP†	.stp, .step	AP203, AP214 (geometry only)
Unigraphics	.prt	Versions 11 – 18 and NX1 – NX5

Renishaw plc

New Mills, Wotton-under-Edge
Gloucestershire, GL12 8JR
United Kingdom

T +44 (0) 1453 524524
F +44 (0) 1453 524901
E uk@renishaw.com

www.renishaw.com

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