



# Translator Product Availability Matrix:12/SP2 (DX, CAE)

## **ITI - International TechneGroup Limited**

4 Carisbrooke Court, Anderson Road  
Buckingway Business Park, Swavesey  
Cambridge, CB24 4UQ England

Web: [www.iti-global.com](http://www.iti-global.com)

Email [eusupport@iti-global.com](mailto:eusupport@iti-global.com)

Phone: (+44) (0) 1954 234 300

[www.iti-global.com/CADfix](http://www.iti-global.com/CADfix)

[www.iti-global.com/cadfix-support](http://www.iti-global.com/cadfix-support)

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Source system	Format details		Windows		LINUX	
	Data type	File extension	Import	Export	Import	Export
ABAQUS	Mesh	.aba .inp	Yes <sup>(1)</sup>	Yes <sup>(2)</sup> (.aba only)	Yes <sup>(1)</sup>	Yes <sup>(2)</sup> (.aba only)
ACIS	Brep	.sat .sab	R1 → 2021 1.0 (R31)	R7 → 2021 1.0 (R31)	R1 → 2019 1.0 (R29)	R7 → 2019 1.0 (R29)
Boeing AGPS	Brep	.dat	Yes	Yes	Yes	Yes
Boeing Geoduck	Brep	.xml	Yes	Yes	Yes	Yes
ANSYS Workbench Classic	Brep	.anf .x15	5.3 → 6.1	6.1 (.anf only)	5.3 → 6.1	6.1 (.anf only)
AutoCAD	Brep Facet	.dwg .dxf	9 → 2021	2007 → 2021	9 → 2021	2007 → 2021
CATIA V4	Brep Facet	.model .exp .dlv3 .session	4.1.9 → 4.2.4	4.2.4	4.1.9 → 4.2.4	4.2.4 <sup>(3)</sup>
CATIA V5	Brep Facet	.CATpart .CATProduct .CGR	V5 R8 → V5-6 R2021	V5-6 R2012 → V5-6 R2021	-	-
CENTAUR	Brep	.dat	Yes	Yes	Yes	Yes
CGNS	Mesh	.cgns	-	Yes <sup>(2)</sup>	-	Yes <sup>(2)</sup>
Converge CHT	Mesh	.in .dat	-	Yes	-	Yes
CREO Pro-Engineer WildFire	Brep Facet	.prt .asm .neu .g .ed .ol .edz .olz .pvs .pvz	Pro/E 2001 → CREO 7	CREO 7	Pro/E V16 → CREO 5	-
DEM Solutions	Facet	.dme	-	Yes	-	Yes
FBX	Facet	.fbx	Yes	Yes	Yes	Yes
Flite3D	Brep	.dat	Yes	Yes	Yes	Yes
FME	Facet	.fme	-	Yes <sup>(2)</sup>	-	Yes <sup>(2)</sup>
gLTF (WebGL)	Facet	.gltf .glb	2.0	2.0	2.0	2.0
GridPro	Facet	.tria	-	Yes	-	Yes
ICMS	Brep	.icms	-	Yes	-	Yes
IFC	Facet	.ifc	Yes	-	Yes	-
IGES	Brep	.igs .ige .iges	1.0 → 5.3	5.3	1.0 → 5.3	5.3

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Inventor	Brep	.ipt .iam	11 → 2021	See ACIS	11 → 2019	See ACIS
JTOpen	Brep Facet	.jt	6.4 → 10.8	6.4 → 10.8 <sup>(4)</sup>	6.4 → 8.5	6.4 → 8.5
LS-DYNA keyword	Mesh	.k .kw	Yes <sup>(1)</sup>	-	Yes <sup>(1)</sup>	-
Microstation	Brep	.dgn	Beta only	-	Beta only	-
NASTRAN	Mesh	.bdf .nas	Yes <sup>(1)</sup>	Yes <sup>(2)</sup> (.nas only)	Yes <sup>(1)</sup>	Yes <sup>(2)</sup>
NX	Brep	.prt	1 → 1953 Series	See Parasolid	1 → 12	See Parasolid
OBJ	Facet	.obj	Yes	Yes	Yes	Yes
OpenCascade	Brep	.brep	-	1.0	-	1.0
Parasolid	Brep	.x_t .x_b .xmt_txt	9 → 33	9 → 33	9 → 31	9 → 31
PATRAN	Mesh	.pat .out	Yes <sup>(1)</sup>	-	Yes <sup>(1)</sup>	-
PLMXML	Brep Facet	.plmxml	JT 6.4 → 10.8	JT 6.4 → 10.8 <sup>(4)</sup>	JT 6.4 → 8.5	JT 6.4 → 8.5
SC03	Brep	.pm .item .pmp	Yes	Yes	Yes	Yes
Solar	Brep	.dat	Yes	Yes	Yes	Yes
SolidEdge	Brep	.par .psm .asm	V18(2006) → 2021	See Parasolid	-	See Parasolid
SolidWorks	Brep	.sldprt .sldasm	98 → 2021	See Parasolid	-	See Parasolid
STEP	Brep Facet	.stp .step	AP203 AP214 AP242	AP203 AP214 AP242	AP203 AP214 AP242	AP203 AP214 AP242
STL	Facet	.stl .nas .bdf	Yes	Yes	Yes	Yes
VDAFS	Facet	.vda	1.0 → 2.0	1.0 → 2.0	1.0 → 2.0	1.0 → 2.0
VRML	Facet	.wrl .wrz	-	1.0 → 2.0	-	1.0 → 2.0
XDMF	Mesh	.xdmf	-	Yes <sup>(2)</sup>	-	Yes <sup>(2)</sup>
XGL/ZGL	Facet	.xgl .zgl	-	Yes	-	Yes

(1) Import only available through specific tools

(2) Export available through mesh export

(3) Export only available to local disk.

(4) Windows version is certified for Daimler data transfer using v10.5 and ITI supplied configuration files.

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