



CAD Support

Release 19.0

ANSYS Workbench Platform

Reader/Plug-Ins

CAD Package	Supported Versions	Reader / Plug-In	Operating System						VERSION NOTES:
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel & Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.8 & 6.9)	Red Hat Enterprise 7 (7.2 & 7.3)	SUSE Linux Enterprise Server 11 (SP3 & SP4)	SUSE Linux Enterprise Server & Desktop 12 (SP1 & SP2)	
ACIS	2018	Reader*	✓	✓					
	2017	Reader*			✓	✓	✓	✓	
ANSYS BladeGen ^{1, 2}	13, 14, 14.5	Reader	✓	✓	✓	✓	✓	✓	
AutoCAD	2017	Reader*	✓	✓					
	2018	Plug-In*	✓	✓					
	2017	Plug-In*	✓	✓					
CATIA V4	4.2.4	Reader*	✓	✓					
CATIA V5	V5-6R2017	Reader*	✓	✓	✓	✓	✓	✓	
CATIA V6	R2016x	Reader*	✓	✓					
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.30.0)	V5-6R2015, V5-6R2016, V5-6R2017	Reader*	✓	✓ ²					2 Requires V5-6R2016 or later.
Creo Elements / Direct Modeling	20.0	Plug-In*	✓ ⁸	✓					8 Requires operating system's SP1
	19	Plug-In*	✓	✓ ³					3 Requires CoCreate 19.0 M040
Creo Parametric	Creo Parametric 4.0	Reader*	✓	✓					
	Creo Parametric 4.0	Plug-In*	✓	✓					
	Creo Parametric 3.0	Plug-In*	✓	✓ ⁴					4 Requires Creo Parametric 3.0 M060 or later
	Creo Parametric 2.0	Plug-In*	✓ ⁵	✓ ⁶					5 Requires Creo Parametric 2.0 M100 6 Requires Creo Parametric 2.0 M190
GAMBIT	2.4.6	Reader*	✓	✓	✓	✓	✓	✓	
IGES	4.0, 5.2, 5.3	Reader*	✓	✓	✓	✓	✓	✓	
Inventor	2017	Reader*	✓	✓					
	2018	Plug-In*	✓	✓					
	2017	Plug-In*	✓	✓					
JT	10.0	Reader*	✓	✓					
Monte Carlo N-Particle ³		Reader	✓	✓	✓	✓	✓	✓	

			Operating System						
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel & Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.8 & 6.9)	Red Hat Enterprise 7 (7.2 & 7.3)	SUSE Linux Enterprise Server 11 (SP3 & SP4)	SUSE Linux Enterprise Server & Desktop 12 (SP1 & SP2)	
NX	11.0	Reader*	✓	✓					8 Not supported with ANSYS Fluent
	12.0 ⁸	Plug-In*		✓		✓		✓	
	11.0	Plug-In*	✓	✓		✓		✓	
	10.0	Plug-In*	✓	✓	✓	✓	✓	✓	
	9.0	Plug-In*	✓	✓	✓	✓	✓	✓	
Parasolid	29.0	Reader*	✓	✓	✓	✓	✓	✓	
Rhinoceros	V5.020	Reader *	✓	✓					
SketchUp	V2014	Reader*	✓	✓					
Solid Edge	ST9	Reader*	✓	✓					
	ST10	Plug-In*	✓	✓					
	ST9	Plug-In*	✓	✓					
SOLIDWORKS	2017	Reader*	✓	✓					
	2018	Plug-In*	✓	✓					
	2017	Plug-In*	✓	✓					
SpaceClaim¹	2017	Plug-In	✓	✓					
STEP	AP203, AP214	Reader*	✓	✓	✓	✓	✓	✓	

Integrated Product Data Management Connections

Teamcenter	Unified Architecture 11.2.2 (NX 11 only) ⁷			✓					7 See ANSYS CAD Integration help for specific requirements
	Unified Architecture 11.2 (NX 10.0 only) ⁷		✓						
	Unified Architecture 10.1.0.1 (NX 9.0) ⁷		✓						

Package Footnotes:

- 1 Not supported for ICEM CFD
- 2 BladeGen, BladeEditor, and DesignModeler are bundled together as part of the ANSYS BladeModeler product.
- 3 Support limited to DesignModeler.

Reader / Plug-In Footnotes:

- * Includes support using Workbench Readers for ICEM-CFD



CAD Support

Release 19.0

ANSYS ICEM CFD

Direct Interface Support

CAD Package	Supported Versions	Reader	Operating System		VERSION NOTES:				
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel & Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.8 & 6.9)	Red Hat Enterprise 7 (7.2 & 7.3)	SUSE Linux Enterprise Server 11 (SP3 & SP4)	SUSE Linux Enterprise Server & Desktop 12 (SP1 & SP2)	
ACIS	18.0.1	Reader	✓ ¹			✓	✓	✓	
CATIA V4	4.2.4	Reader	✓	✓		✓	✓	✓	
DWG		Reader	✓ ¹	✓ ¹		✓	✓	✓	
GEMS		Reader	✓	✓		✓	✓	✓	
IDI	MS 8/9	Reader	✓ ¹	✓ ¹					
IGES	4.0, 5.2, 5.3	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
Parasolid	29.0	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
Plot3d		Reader	✓	✓					
Rhinoceros		Reader	✓	✓	✓	✓	✓	✓	
STEP	AP203, AP214	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
STL		Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	

Product Footnotes:

1 Requires supplemental install



CAD Support
Release 19.0
ANSYS Mechanical APDL
Connections

CAD Package	Supported Versions	Connection	Operating System				VERSION NOTES:	
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel & Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.8 & 6.9)	Red Hat Enterprise 7 (7.2 & 7.3)		SUSE Linux Enterprise Server 11 (SP3 & SP4)
ACIS	2018	Connection	✓	✓				
	2017	Connection			✓	✓	✓	✓
CATIA V4	4.2.4	Connection	✓	✓	✓	✓	✓	✓
CATIA V5	V5-6R2017	Connection	✓	✓				
Creo Parametric	Creo Parametric 2.0	Connection	✓ ¹	✓ ²				1 Requires Creo 2.0 M100 2 Requires Creo Parametric 2.0 M190
	Creo Parametric 3.0	Connection	✓	✓ ³				3 Requires Creo Parametric 3.0 M060 or later
	Creo Parametric 4.0	Connection	✓	✓				
IGES	4.0, 5.2, 5.3	Connection	✓	✓	✓	✓	✓	✓
NX	NX 9.0	Connection	✓		✓	✓	✓	✓
	NX 10.0	Connection	✓	✓	✓	✓	✓	✓
	NX 11.0	Connection	✓	✓		✓		✓
Parasolid	29.0	Connection	✓	✓	✓	✓	✓	✓