



CAD Support
Release 2021 R1
Ansys Workbench Platform
Reader/Plug-Ins

CAD Package	Supported Versions	Reader / Plug-In	Operating System							VERSION NOTES:
			Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.6, 7.7 & 7.8)	Red Hat Enterprise 8 (8.1)	SUSE Linux Enterprise Server & Desktop 12 (SP3, SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1)	CentOS 7 (Community Enterprise OS 7.6, 7.7 & 7.8)	CentOS 8 (Community Enterprise OS 8.1)	
ACIS	2020	Reader	✓	✓	✓	✓	✓	✓	✓	
AutoCAD	2021	Reader	✓							
	2021	Plug-In	✓							
	2020	Plug-In	✓ ¹							1 Requires operating system's version 1803 or higher
CATIA V4	4.2.4	Reader	✓							
CATIA V5	V5-6R2020	Reader	✓	✓	✓	✓	✓	✓	✓	
CATIA V6	2020x	Reader	✓							
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.70.0)	V5-6R2018, V5-6R2019, V5-6R2020	Reader ²	✓							2 Provides a bidirectional integration requiring a CatiaV5 installation.
Creo Elements / Direct Modeling	20.3	Plug-In	✓							
	20.2	Plug-In	✓							
Creo Parametric	7.0	Reader	✓							
	7.0	Plug-In	✓							
	6.0	Plug-In	✓							
	5.0	Plug-In	✓							
IGES	4.0, 5.2, 5.3	Reader	✓	✓	✓	✓	✓	✓	✓	
Inventor	2021	Reader	✓							
	2021	Plug-In	✓							
	2020	Plug-In	✓ ³							3 Requires operating system's version 1803 or higher
JT	10.5	Reader	✓							
Monte Carlo N-Particle ⁴		Reader*	✓	✓	✓	✓	✓	✓	✓	4 Support limited to DesignModeler

			Operating System	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	Red Hat Enterprise 8 (8.1)	SUSE Linux Enterprise Server & Desktop 12 (SP3, SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	CentOS 8 (Community Enterprise OS 8.1)	
NX	1899	Reader	✓								5 Support limited to Professional & Enterprise versions
	1926	Plug-In	✓ ⁵								
	1899	Plug-in	✓								
	1872	Plug-In	✓								
Parasolid	30.0	Reader	✓	✓	✓	✓	✓	✓	✓		
Rhinoceros	v6.0	Reader	✓								
SketchUp	V2020	Reader	✓								
Solid Edge	2020	Reader	✓								
	2020	Plug-In	✓								
	2019	Plug-In	✓								
SOLIDWORKS	2020	Reader	✓								
	2021 ⁶	Plug-In	✓							6 Validated by external third party	
	2020 ⁶	Plug-In	✓								
	2019	Plug-In	✓								
2018	Plug-In	✓									
SpaceClaim ⁷	2020	Plug-In*	✓							7 Not supported for ICEM-CFD	
STEP	AP203, AP214, AP242	Reader	✓	✓	✓	✓	✓	✓	✓		

Reader / Plug-In Footnotes:

* Excludes support using Workbench Readers for ICEM-CFD



CAD Support
 Release 2021 R1
 Ansys ICEM CFD
 Direct Interface Support

CAD Package	Supported Versions	Reader	Operating System	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	Red Hat Enterprise 8 (8.1)	SuSE Linux Enterprise Server & Desktop 12 (SP3, SP4 & SP5)	SuSE Linux Enterprise Server & Desktop 15 (SP1)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	CentOS 8 (Community Enterprise OS 8.1)	VERSION NOTES:
ACIS	2020	Reader	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	✓	✓	✓	✓	✓	✓	
CATIA V4	4.2.4	Reader	✓	✓	✓	✓	✓	✓	✓	
DWG		Reader	✓ ¹	✓	✓	✓	✓	✓	✓	
GEMS		Reader	✓	✓	✓	✓	✓	✓	✓	
IDI	MS 8/9	Reader	✓ ¹				✓			
IGES	4.0, 5.2, 5.3	Reader	✓ ¹	✓	✓	✓	✓	✓	✓	
Parasolid	30.0	Reader	✓ ¹	✓	✓	✓	✓	✓	✓	
Plot3d		Reader	✓				✓			
Rhinoceros		Reader	✓	✓	✓	✓	✓	✓	✓	
STEP	AP203, AP214, AP242	Reader	✓ ¹	✓	✓	✓	✓	✓	✓	
STL		Reader	✓ ¹	✓	✓	✓	✓	✓	✓	

Product Footnotes:
 1 Requires supplemental install



CAD Support

Release 2021 R1

Optical (Ansys SPEOS for CAD Integration)

ANSYS SPEOS for:		Supported Versions	Operating System	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	Red Hat Enterprise 8 (8.1)	SUSE Linux Enterprise Server & Desktop 12 (SP3, SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	CentOS 8 (Community Enterprise OS 8.1)	Supported Service Packs:
Creo Parametric	7.0	✓	Windows 10							
	6.0	✓								
	5.0	✓								up to 5.0.6.0
	4.0	✓								up to M130
	3.0	✓								up to M190
NX ¹	1953 ²	✓								
	1926 ²	✓								NX1934
	1899	✓								
	1888	✓								
	1872	✓								
	1847	✓								
	12	✓								NX 12.0.2 MP 14; support limited to standalone version
	11	✓								from NX 11.0.0.33 MP0 to NX 11.0.2.7 MP12

Package Footnotes:

1 Compatible with monthly NX service packs as available at the time of the release.

2 Effective February 15, 2021.

