



**CAD Support**  
**Release 2023 R1**  
**Ansys Workbench Platform**  
**Reader/Plug-Ins**

CAD Package	Supported Versions	Reader / Plug-In	Operating System								VERSION NOTES:
			Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 7 (7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4, 8.5 & 8.6)	SUSE Linux Enterprise Server & Desktop 12 (SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.8 & 7.9)	Ubuntu LTS 20.04	
ACIS	2022	Reader	✓	✓	✓	✓	✓	✓	✓	✓	
AutoCAD	2023	Reader	✓	✓							
	2023	Plug-In	✓	✓							
	2022	Plug-In	✓	✓							
CATIA V4	4.2.4	Reader	✓	✓							
CATIA V5	V5-6R2022	Reader	✓	✓	✓	✓	✓	✓	✓	✓	
CATIA V6	2022x	Reader	✓	✓							
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.90.0)	V5-6R2020, V5-6R2021, V5-6R2022	Reader <sup>1</sup>	✓								1 Provides a bidirectional integration requiring a CatiaV5 installation.
Creo Elements / Direct Modeling	20.5	Plug-In	✓	✓							
	20.4	Plug-In	✓								
Creo Parametric	9.0	Reader	✓	✓							
	9.0	Plug-In	✓	✓ <sup>2</sup>							2 Requires Windows 11 version 21H2 or higher
	8.0	Plug-In	✓	✓ <sup>3</sup>							3 Minimum supported version 8.0.3.0; requires Windows 11 version 21H2 or higher
	7.0	Plug-In	✓ <sup>4</sup>	✓ <sup>5</sup>							4 Minimum supported version 7.0.4.0 5 Minimum supported version 7.0.7.0; requires Windows 11 version 21H2 or higher
Fusion 360	2.0.12392 onward	Plug-In	✓	✓							
IGES	4.0, 5.2, 5.3	Reader	✓	✓	✓	✓	✓	✓	✓	✓	
Inventor	2023	Reader	✓	✓							
	2023	Plug-In	✓	✓							
	2022	Plug-In	✓								
JT	10.5	Reader	✓	✓							
Monte Carlo N-Particle <sup>6</sup>		Reader*	✓		✓	✓	✓	✓	✓	✓	6 Support limited to DesignModeler

			Operating System								
			Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 7 (7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4, 8.5 & 8.6)	SuSE Linux Enterprise Server & Desktop 12 (SP5)	SuSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.8 & 7.9)	Ubuntu LTS 20.04	
NX	2007	Reader	✓	✓							
	2206	Plug-In	✓ <sup>6</sup>	✓ <sup>6</sup>				✓			6 Support limited to Professional & Enterprise versions
	2007	Plug-In	✓ <sup>6</sup>	✓ <sup>6</sup>				✓			6 Support limited to Professional & Enterprise versions
	1980	Plug-In	✓ <sup>6</sup>					✓			6 Support limited to Professional & Enterprise versions
Parasolid	33.0	Reader	✓		✓	✓	✓	✓	✓	✓	
Revit	2022	Reader	✓	✓						✓	
Rhinoceros	7	Reader	✓	✓							
SketchUp	2021	Reader	✓								
Solid Edge	2022	Reader	✓	✓							
	2022	Plug-In	✓	✓ <sup>7</sup>							7 Requires 2022 Maintenance Pack
	2021	Plug-In	✓								
SOLIDWORKS	2022	Reader	✓	✓							
	2022 <sup>8</sup>	Plug-In	✓								8 Validated by external third party
	2021 <sup>8</sup>	Plug-In	✓								
SpaceClaim <sup>9</sup>	2020 <sup>8</sup>	Plug-In	✓								
	2020	Plug-In*	✓								9 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 2023 R1  
 Ansys ICEM CFD  
 Direct Interface Support

CAD Package	Supported Versions	Reader	Operating System	Red Hat Enterprise 7 (7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4, 8.5 & 8.6)	SUSE Linux Enterprise Server & Desktop 12 (SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.8 & 7.9)	Ubuntu LTS 20.04	VERSION NOTES:
ACIS	2020	Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓	✓	✓	✓	✓		
CATIA V4	4.2.4	Reader	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓	✓	✓	✓	✓		
DWG		Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>	✓	✓	✓	✓		
GEMS		Reader	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓	✓	✓	✓	✓		
IDI	MS 8/9	Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>			✓			
IGES	4.0, 5.2, 5.3	Reader	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>	✓	✓	✓	✓		
Parasolid	33.0	Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>	✓	✓	✓	✓		
Plot3d		Reader	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓			✓			
Rhinoceros		Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓	✓	✓	✓	✓		
STEP	AP203, AP214, AP242	Reader	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>	✓	✓	✓	✓		
STL		Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	✓ <sup>1</sup>	✓	✓	✓	✓		

**Product Footnotes:**  
 1 Requires supplemental install



## CAD Support

Release 2023 R1

Optical (Speos for CAD Integration)

Ansys Speos for:	Supported Versions	Operating System		Operating System						Supported Service Packs:
		Windows 10	Windows 11	Red Hat Enterprise 7 (7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4, 8.5 & 8.6)	SUSE Linux Enterprise Server & Desktop 12 (SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.8 & 7.9)	Ubuntu LTS 20.04	
Creo Parametric <sup>1</sup>	9.0 <sup>3</sup>									
	8.0	✓								From service pack 8.0.3.0 to 8.0.4.0 supported
	7.0	✓								Up to service pack 7.0.7.0 supported
	6.0	✓								Up to 6.0.6.0 as service pack supported
NX <sup>2</sup>	2212 <sup>4</sup>	✓	✓							
	2206	✓	✓							Up to service pack NX 2206 Build 4020 supported
	2007	✓	✓							Up to service pack NX 2027 Build 3400 supported
	1980 <sup>5</sup>	✓								Up to service pack NX 2000 Build 4020 supported

### Package and Version Footnotes:

1 Support available only on R2 releases beginning with Ansys 2023 R2

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

3 Supported as of Ansys 2023 R2

4 Ansys 2023 R1 Beta Support

5 Unsupported as of Ansys 2023 R2

