



CAD Support
Release 2024 R2
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 8 (8.5, 8.6, 8.7 & 8.8 & 8.9)	Red Hat Enterprise 9 (9.3)	SuSE Linux Enterprise Server & Desktop 15 (SP3 & SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.9 & 9.3)	
ACIS	2024	Reader	✓	✓						
	2023	Reader			✓	✓	✓	✓	✓	
AutoCAD	2024	Reader	✓	✓						
	2024	Plug-In	✓	✓						
	2023	Plug-In	✓	✓						
CATIA V4	4.2.5	Reader	✓	✓						
CATIA V5	V5-6R2024	Reader	✓	✓						
	V5-6R2023	Reader			✓	✓	✓	✓	✓	
CATIA V6	2024x	Reader	✓	✓						
CATIA V5 - (CADNexus CAPRI CAE Gateway-V4.00.0)	V5-6R2021, V5-6R2022, V5-6R2023	Reader ¹	✓	✓						1 Provides a bidirectional integration requiring a CatiaV5 installation.
Creo Elements / Direct Modeling	20.6	Plug-In	✓	✓						
	20.5	Plug-In	✓	✓						
Creo Parametric	10.0	Reader	✓	✓						
	10.0	Plug-in	✓	✓ ²						2 Requires Windows 11 version 21H2 or higher
	9.0	Plug-In	✓	✓ ²						2 Requires Windows 11 version 21H2 or higher
	8.0	Plug-In	✓	✓ ³						3 Minimum supported version 8.0.3.0; requires Windows 11 version 21H2 or higher
	7.0	Plug-In	✓ ⁴	✓ ⁵						4 Minimum supported version 7.0.4.0 5 Minimum supported version 7.0.8.0; requires Windows 11 version 21H2 or higher
Fusion	2.0.15995 onward	Plug-In	✓	✓						
IGES	4.0, 5.2, 5.3	Reader	✓	✓	✓	✓	✓	✓	✓	
Inventor	2024	Reader	✓	✓						
	2024	Plug-In	✓	✓						
	2023	Plug-In	✓	✓						
JT	10.8	Reader	✓	✓						

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Monte Carlo N-Particle ⁶		Reader*	✓		✓	✓	✓	✓	✓	6 Support limited to DesignModeler
NX	2312	Reader	✓	✓						
	2312	Plug-In	✓ ⁶	✓ ⁶	✓		✓			6 Support limited to Professional & Enterprise versions
	2306	Plug-In	✓ ⁶	✓ ⁶			✓			6 Support limited to Professional & Enterprise versions
	2212	Plug-In	✓ ⁶	✓ ⁶			✓			6 Support limited to Professional & Enterprise versions
Parasolid	35.1	Reader	✓	✓	✓	✓	✓	✓	✓	
Revit	2024	Reader	✓	✓						
Rhinoceros	8	Reader	✓	✓						
SketchUp	2021	Reader	✓							
Solid Edge	2024	Reader	✓	✓						
	2024	Plug-In	✓	✓						
	2023	Plug-In	✓	✓						
SOLIDWORKS	2024	Reader	✓	✓						
	2022 ⁸	Plug-In	✓							8 Validated by external third party
	2021 ⁸	Plug-In	✓							
	2020 ⁸	Plug-In	✓							
STEP	AP203, AP214, AP242	Reader	✓	✓	✓	✓	✓	✓	✓	

Reader / Plug-In Footnotes:

* Excludes support using Workbench Readers for Icem-CFD



CAD Support
Release 2024 R2
Ansys ICEM CFD
Direct Interface Support

CAD Package	Supported Versions	Reader	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	
ACIS	2020	Reader			
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	33.0	Reader	✓ ¹		
Plot3d		Reader	✓		
Rhinoceros		Reader	✓		
STEP	AP203, AP214, AP242	Reader	✓ ¹		
STL		Reader	✓ ¹		

Product Footnotes:
 1 Requires supplemental install



CAD Support

Release 2024 R2

Optical

- Speos for CAD Integration

- Zemax OpticStudio

Ansys Speos for:		Supported Versions	Operating System	Windows 10	Windows 11	Supported Service Packs:
Creo Parametric ¹	10.0	supported from 10.0.0.0 to 10.0.3.0		✓	✓	
	9.0	supported from 9.0.1.0 to 9.0.7.0		✓	✓	From service pack 9.0.1.0 to 9.0.3.0 supported
	8.0	supported from 8.0.3.0 to 8.0.10.0		✓	✓	From service pack 8.0.3.0 to 8.0.7.0 supported
	7.0	supported up to SP 7.0.12.0		✓	✓	Up to service pack 7.0.10.0 supported
NX ²	2406 ³			✓	✓	
	2312	supported up to SP NX2312.4001		✓	✓	
	2306	supported up to SP NX2306.8301		✓	✓	Up to service pack NX 2306 Build 4000 supported
	2212	supported up to SP NX2212.9140		✓	✓	Up to service pack NX 2212 Build 8300 supported
Package and Version Footnotes:						
1 Support available only on R2 releases						
2 Compatible with monthly NX service packs as available at the time of the release						
3 Ansys 2024 R2 Limited support						

Zemax OpticStudio for:	Supported Versions	Reader / Plug-In	Windows 10	Windows 11	Supported Service Packs:
ACIS	2021	Reader	✓	✓	
AutoCAD	2019, 2022, 2023	Reader	✓	✓	
CATIA v4	4.2.4	Reader	✓	✓	
CATIA V5	2022	Reader	✓	✓	
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.90.0)	2020, 2021, 2022	Reader	✓		
CATIA V6	2019	Reader	✓	✓	
COLLADA	All	Reader	✓	✓	

Zemax OpticStudio continued:	Supported Versions	Reader / Plug-In	Operating System		Red Hat Enterprise 8 (8.5, 8.6, 8.7 & 8.8 & 8.9)	Red Hat Enterprise 9 (9.3)	SuSE Linux Enterprise Server & Desktop 15 (SP3 & SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.9 & 9.3)
			Windows 10 (v1607 or later)	Windows 11					
Creo Elements / Direct Modeling	20.4, 20.5	Reader	✓	✓					
Creo Parametric	9	Reader	✓	✓					
	4 ,5, 6, 7, 8, 9	Plug-In	✓	✓					
FBX	All	Reader	✓	✓					
Fusion 360	2.0.12392 onward	Reader	✓	✓					
gITF	2	Reader	✓	✓					
I-Deas	6	Reader	✓	✓					
IFC	4	Reader	✓	✓					
IGES	5.1, 5.2, 5.3	Reader	✓	✓					
Inventor	2023	Reader	✓	✓					
	2022, 2023	Plug-In	✓						
JT	10.6	Reader	✓	✓					
MicroStation	8	Reader	✓	✓					
NX	1980, 2007, 2206	Reader	✓	✓					
Parasolid	34	Reader	✓	✓					
PDF	All	Reader	✓	✓					
PRC	All	Reader	✓	✓					
Revit	2022	Reader	✓	✓					
Rhinoceros	7	Reader	✓	✓					
SketchUp	2021	Reader	✓						
SolidEdge	2021, 2022, 2023	Reader	✓	✓					
SOLIDWORKS	2020, 2021, 2022	Reader	✓						
STL	All	Reader	✓	✓					
STEP	AP242	Reader	✓	✓					
U3D	36.3	Reader	✓	✓					
VDA-FS	2	Reader	✓	✓					
VRML	2	Reader	✓	✓					
Wavefront	All	Reader	✓	✓					
3MF	1.2.3	Reader	✓	✓					

Zemax OpticStudio continued:	Supported Versions	Writer	Operating System		Red Hat Enterprise 8 (8.5, 8.6, 8.7 & 8.8 & 8.9)	Red Hat Enterprise 9 (9.3)	SuSE Linux Enterprise Server & Desktop 15 (SP3 & SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.9 & 9.3)
			Windows 10 (v1607 or later)	Windows 11					
ACIS	5	Writer	✓	✓					
FBX	Any	Writer	✓	✓					
IGES	5.1	Writer	✓	✓					
JT	10	Writer	✓	✓					
Parasolid	12.1	Writer	✓	✓					
PRC	2023	Writer	✓	✓					
STL	Any	Writer	✓	✓					
STEP	242	Writer	✓	✓					
U3D	363	Writer	✓	✓					
Wavefront OBJ	Any	Writer	✓	✓					
3MF	1.2.3	Writer	✓	✓					

