



**CAD Support**  
**Release 2025 R1**  
**Ansys Workbench Platform**  
**Reader/Plug-Ins**

| CAD Package                                     | Supported Versions              | Reader / Plug-In    | Operating System  |   |   |                               |   |  |                             | VERSION NOTES:   |
|---|---------------------------------|---------------------|---|---|---|-------------------------------|---|--|-----------------------------|--|
|   |                                 |                     | Windows 10<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Windows 11<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SuSE Linux Enterprise Server & Desktop 15<br>(SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |  |
| ACIS  | 2023                            | Reader              | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| AutoCAD   | 2019                            | Reader              | ✓   | ✓   |   |                               |   |  |                             |  |
|   | 2025                            | Plug-In             | ✓   | ✓   |   |                               |   |  |                             |  |
|   | 2024                            | Plug-In             | ✓   | ✓   |   |                               |   |  |                             |  |
| CATIA V4  | 4.2.5                           | Reader              | ✓   | ✓   |   |                               |   |  |                             |  |
| CATIA V5  | V5-6R2024                       | Reader              | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| CATIA V6  | 2024x                           | Reader              | ✓   | ✓   |   |                               |   |  |                             |  |
| CATIA V5 - (CADNexus CAPRI CAE Gateway-V4.10.0) | V5-6R2022, V5-6R2023, V5-6R2024 | Reader <sup>1</sup> | ✓   | ✓   |   |                               |   |  |                             | 1 Provides a bidirectional integration requiring a CatiaV5 installation.   |
| Creo Elements / Direct Modeling                 | 20.7                            | Plug-In             | ✓   | ✓   |   |                               |   |  |                             |  |
|   | 20.6                            | Plug-In             | ✓   | ✓   |   |                               |   |  |                             |  |
| Creo Parametric                                 | 11.0                            | Reader              | ✓   | ✓   |   |                               |   |  |                             | 2 Requires Windows 11 version 21H2 or higher   |
|   | 11.0                            | Plug-In             | ✓   | ✓ <sup>2</sup>  |   |                               |   |  |                             | 2 Requires Windows 11 version 21H2 or higher   |
|   | 10.0                            | Plug-in             | ✓   | ✓ <sup>2</sup>  |   |                               |   |  |                             | 2 Requires Windows 11 version 21H2 or higher   |
|   | 9.0                             | Plug-In             | ✓   | ✓ <sup>2</sup>  |   |                               |   |  |                             | 2 Requires Windows 11 version 21H2 or higher   |
|   | 7.0                             | Plug-In             | ✓ <sup>3</sup>  | ✓ <sup>4</sup>  |   |                               |   |  |                             | 3 Minimum supported version 7.0.4.0<br>4 Minimum supported version 7.0.8.0; requires Windows 11 version 21H2 or higher |
| Fusion  | 2.0.15995 onward                | Plug-In             | ✓   | ✓   |   |                               |   |  |                             |  |

| CAD Package                         | Supported Versions | Reader / Plug-In | Operating System  |   |   |                               |   |  |                             | VERSION NOTES:   |
|-------------------------------------|--------------------|------------------|---|---|---|-------------------------------|---|--|-----------------------------|--|
|                                     |                    |                  | Windows 10<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Windows 11<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SuSE Linux Enterprise Server &<br>Desktop 15 (SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |  |
| IGES                                | 5.3                | Reader           | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| Inventor                            | 2025               | Reader           | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2024               | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
| JT                                  | 11.5               | Reader           | ✓   | ✓   |   |                               |   |  |                             |  |
| Monte Carlo N-Particle <sup>5</sup> |                    | Reader*          | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           | 5 Support limited to DesignModeler   |
| NX                                  | 2406               | Reader           | ✓   | ✓   |   |                               |   |  |                             | 6 Support limited to Professional & Enterprise versions<br>7 Support limited to Rocky 8.10 |
|                                     | 2406               | Plug-In          | ✓ <sup>6</sup>  | ✓ <sup>6</sup>  | ✓   |                               |   |  | ✓ <sup>7</sup>              |  |
|                                     | 2312               | Plug-In          | ✓ <sup>6</sup>  | ✓ <sup>6</sup>  | ✓   |                               | ✓   |  |                             | 6 Support limited to Professional & Enterprise versions                                    |
|                                     | 2306               | Plug-In          | ✓ <sup>6</sup>  | ✓ <sup>6</sup>  |   |                               | ✓   |  |                             | 6 Support limited to Professional & Enterprise versions                                    |
| Parasolid                           | 36.1               | Reader           | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| Revit <sup>8</sup>                  | 2024               | Plug-In          | ✓   | ✓   |   |                               |   |  |                             | 8 Ansys 2025 R1 Beta Support   |
| Rhinoceros                          | 8                  | Reader           | ✓   | ✓   |   |                               |   |  |                             |  |
| Solid Edge                          | 2024               | Reader           | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2024               | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2023               | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
| SOLIDWORKS                          | 2024               | Reader           | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2024 <sup>9</sup>  | Plug-In          | ✓   | ✓   |   |                               |   |  |                             | 9 Validated by external third party  |
|                                     | 2023 <sup>9</sup>  | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2022 <sup>9</sup>  | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2021 <sup>9</sup>  | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
|                                     | 2020 <sup>9</sup>  | Plug-In          | ✓   | ✓   |   |                               |   |  |                             |  |
| STEP                                | AP242              | Reader           | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |

**Reader / Plug-In Footnotes:**

\* Excludes support using Workbench Readers for ICEM-CFD



**CAD Support**  
 Release 2025 R1  
 Ansys ICEM CFD  
 Direct Interface Support

| CAD Package | Supported Versions  | Reader | Operating System  |   | VERSION NOTES:                            |                               |   |  |                             |  |  |  |  |  |
|-------------|---------------------|--------|---|---|---|-------------------------------|---|--|-----------------------------|--|--|--|--|--|
|             |                     |        | Windows 10<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Windows 11<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SUSE Linux Enterprise Server & Desktop 15<br>(SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |  |  |  |  |  |
| ACIS        | 2020                | Reader |   |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| CATIA V4    | 4.2.4               | Reader | ✓   |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| DWG         |                     | Reader | ✓ <sup>1</sup>  |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| GEMS        |                     | Reader | ✓   |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| IDI         | MS 8/9              | Reader | ✓ <sup>1</sup>  |   |   |                               |   | ✓  |                             |  |  |  |  |  |
| IGES        | 4.0, 5.2, 5.3       | Reader | ✓ <sup>1</sup>  |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| Parasolid   | 36.1                | Reader | ✓ <sup>1</sup>  |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| Plot3d      |                     | Reader | ✓   |   |   |                               |   | ✓  |                             |  |  |  |  |  |
| Rhinoceros  |                     | Reader | ✓   |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| STEP        | AP203, AP214, AP242 | Reader | ✓ <sup>1</sup>  |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |
| STL         |                     | Reader | ✓ <sup>1</sup>  |   | ✓   |                               | ✓   |  |                             |  |  |  |  |  |

**Product Footnotes:**  
 1 Requires supplemental install



## CAD Support

Release 2025 R1

### Optical

- Speos for CAD Integration
- Zemax OpticStudio

| Ansys Speos for:   |                   | Supported Versions                  | Operating System | Windows 10 | Windows 11 | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SUSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |
|--|-------------------|-------------------------------------|------------------|------------|------------|---|-------------------------------|--|--|-----------------------------|
| Creo Parametric <sup>1</sup>   | 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   |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 8.0               | supported from 8.0.3.0 to 8.0.10.0  |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 7.0               | supported up to SP 7.0.12.0         |                  | ✓          | ✓          |   |                               |  |  |                             |
| NX <sup>2</sup>  | 2412 <sup>3</sup> |                                     |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 2406              | supported up to SP NX2406.4000      |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 2312              | supported up to SP NX2312.8500      |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 2306              | supported up to SP NX2306.9120      |                  | ✓          | ✓          |   |                               |  |  |                             |
|  | 2212              | supported up to SP NX2212.9140      |                  | ✓          | ✓          |   |                               |  |  |                             |
| <b>Package and Version Footnotes:</b>  |                   |                                     |                  |            |            |   |                               |  |  |                             |
| 1 Support available only on R2 releases  |                   |                                     |                  |            |            |   |                               |  |  |                             |
| 2 Compatible with monthly NX service packs as available at the time of the release |                   |                                     |                  |            |            |   |                               |  |  |                             |
| 3 2025 R1 limited support  |                   |                                     |                  |            |            |   |                               |  |  |                             |

| Zemax OpticStudio for:                          | Supported Versions | Reader / Plug-In | Windows 10 | Windows 11 | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SUSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |
|---|--------------------|------------------|------------|------------|---|-------------------------------|--|--|-----------------------------|
| 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<br>(8.5, 8.6, 8.7 & 8.8 & 8.9) | Red Hat Enterprise 9<br>(9.3 & 9.4) | SuSE Linux Enterprise Server & Desktop 15<br>(SP3 & SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.9 & 9.3) |
|---------------------------------|--------------------|------------------|--------------------------------|------------|---|-------------------------------------|--|--|----------------------------|
|                                 |                    |                  | Windows 10<br>(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                       | 36.1               | 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<br>(8.5, 8.6, 8.7 & 8.8 & 8.9) | Red Hat Enterprise 9<br>(9.3 & 9.4) | SuSE Linux Enterprise Server & Desktop 15<br>(SP3 & SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.9 & 9.3) |
|------------------------------|--------------------|--------|--------------------------------|------------|---|-------------------------------------|--|--|----------------------------|
|                              |                    |        | Windows 10<br>(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 | ✓                              | ✓          |   |                                     |  |  |                            |



**CAD Support**  
**Release 2025 R1**  
**Ansys Mechanical APDL**  
**Connections**

| CAD Package     | Supported Versions | Connection | Operating System  |   |   |                               |   |  |                             | VERSION NOTES:   |
|-----------------|--------------------|------------|---|---|---|-------------------------------|---|--|-----------------------------|--|
|                 |                    |            | Windows 10<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Windows 11<br>(Professional, Enterprise & Education)<br>General Availability Channel releases are supported | Red Hat Enterprise 8<br>(8.6, 8.8 & 8.10) | Red Hat Enterprise 9<br>(9.4) | SUSE Linux Enterprise Server &<br>Desktop 15 (SP3, SP4 & SP5) | Ubuntu LTS 20.04 & 22.04<br>(Desktop & Server) | Rocky Linux<br>(8.10 & 9.4) |  |
| ACIS            | 2024               | Connection | ✓   | ✓   |   |                               |   |  |                             |  |
|                 | 2023               | Connection |   |   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| CATIA V4        | 4.2.4              | Connection | ✓   | ✓   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| CATIA V5        | V5-6R2024          | Connection | ✓   | ✓   |   |                               |   |  |                             |  |
| Creo Parametric | 11.0               | Connection | ✓   | ✓ <sup>1</sup>  |   |                               |   |  |                             | 1 Requires Windows 11 version 21H2 or higher   |
|                 | 10.0               | Connection | ✓   | ✓ <sup>1</sup>  |   |                               |   |  |                             | 1 Requires Windows 11 version 21H2 or higher   |
|                 | 9.0                | Connection | ✓   | ✓ <sup>1</sup>  |   |                               |   |  |                             | 1 Requires Windows 11 version 21H2 or higher   |
|                 | 7.0                | Connection | ✓ <sup>2</sup>  | ✓ <sup>3</sup>  |   |                               |   |  |                             | 2 Minimum supported version 7.0.4.0<br>3 Minimum supported version 7.0.8.0; requires Windows 11 version 21H2 or higher |
| IGES            | 4.0, 5.2, 5.3      | Connection | ✓   |   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |
| NX              | 2406               | Connection | ✓ <sup>4</sup>  | ✓ <sup>4</sup>  |   |                               |   |  |                             | 4 Support limited to Professional & Enterprise versions  |
|                 | 2312               | Connection | ✓ <sup>4</sup>  | ✓ <sup>4</sup>  |   |                               |   |  |                             | 4 Support limited to Professional & Enterprise versions  |
|                 | 2306               | Connection | ✓ <sup>4</sup>  | ✓ <sup>4</sup>  |   |                               |   |  |                             | 4 Support limited to Professional & Enterprise versions  |
| Parasolid       | 36.1               | Connection | ✓   | ✓   |   |                               |   |  |                             |  |
|                 | 35.1               | Connection |   |   | ✓   | ✓                             | ✓   | ✓  | ✓                           |  |