# Platform Support by Application / Product
### Release 2023 R1

| Operating Systems (64-bit) | Windows 10 * (Professional, Enterprise & Education) | Windows 11 (Professional, Enterprise & Education) | Windows Server 2019 ** Standard | Windows Server 2022 *** Standard | Red Hat Enterprise 7 (7.8 & 7.9) | Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4, 8.5, 8.6 & 8.7) | 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 (Desktop & Server) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Digital Mission Engineering Applications** | | | | | | | | | | | |
| Systems Tool Kit (STK) | ✓[1] | ✓[1] | ✓ | ✓ | ✓ | ✓[2] | | | ✓ | ✓[3] | 1 Education mode exluded |
| Orbit Determination Tool Kit (ODTK) | ✓[1] | ✓[1] | ✓ | ✓ | ✓ | ✓[2] | | | ✓ | ✓[3] | 2 version 8.3 and 8.4 excluded |
| | | | | | | | | | | | 3 support limited to version 18.04 |
| **Electronics Applications** | | | | | | | | | | | |
| EMA3D Cable | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| EMA3D Charge | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Ansys EMIT | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Ansys HFSS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Icepak | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Maxwell | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Motor-CAD | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Ansys Nuhertz FilterSolutions | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Ansys PExprt | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Q3D Extractor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Savant | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys SIwave | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| **Embedded Software & Systems / Optical and Acoustics Applications** | | | | | | | | | | | |
| AVxcelerate Data Preparation | ✓ | ✓ | | | | | | | | | |
| AVxcelerate Lighting and Sensors | ✓ | ✓ | | | | | | | | | |
| AVxcelerate Sensors Simulator | ✓ | ✓ | | | | | | | ✓ | ✓ | |
| medini analyze | ✓ | ✓ | | | | | | | | | |
| OpticsBuilder | ✓ | ✓ | | | | | | | | | Windows 7 SP1 and 8.1 also supported |
| OpticStudio | ✓ | ✓ | | | | | | | | | Windows 7 SP1 and 8.1 also supported |
| Scade | ✓[4] | ✓[4] | | | | | | | | | 4 Scade Display & Scade Suite code generators are qualified/certified on Windows 10 using long term service versions (LTSB/LTSC) |
| Sound | ✓ | ✓ | | | | | | | | | |
| Speos | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Speos HPC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Speos for NX | ✓ | ✓[5] | | | | | | | | | 5 Specific to versions supported by SIEMENS NX as available at the time of the Speos for NX version |
| Twin Builder | ✓ | ✓ | | | | | | | | | |
| Twin Deployer | ✓ | ✓ | | | | | | | ✓ | ✓ | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fluids** Applications | | | | | | | | | | | |
| Ansys BladeModeler | ✓ | ✓ | ✓ | ✓ | ✓5 | ✓5 | ✓5 | ✓5 | ✓5 | ✓5 | 5 Linux support limited to BladeEditor plug-in |
| Ansys CFD-Post | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys CFX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Chemkin | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| EnSight | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys FENSAP-ICE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Fluent | ✓ | ✓ | ✓ | ✓ | ✓ | ✓6 | ✓ | ✓ | ✓ | ✓ | 6 Fluent requires Linux kernel 4.18.0-372.26.1 or newer on RHEL 8.6 systems. |
| Ansys Forte | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Ansys Rocky | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | |
| Polyflow | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys TurboGrid | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Vista TF | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| **Geometry & Mesh Prep** Applications | | | | | | | | | | | |
| Ansys DesignModeler | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Ansys ICEM CFD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Ansys Meshing / Extended Meshing | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Ansys SpaceClaim Direct Modeler | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| CADNexus CAPRI CAE Gateway | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| **Materials** Applications | | | | | | | | | | | |
| Granta EduPack | ✓ | ✓ | | | | | | | | | |
| Granta MI Enterprise 7 | | | ✓ | ✓ | | | | | | | 7 Also supports Windows Server 2016 |
| Granta MI Pro 7 | | | ✓ | ✓ | | | | | | | 7 Also supports Windows Server 2016 |
| Granta Selector | ✓ | ✓ | | | | | | | | | |
| **Photonics** Applications | | | | | | | | | | | |
| Lumerical | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semiconductor Applications** | Ansys Clock FX | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys Exalto, Pharos, RaptorH, RaptorX, VeloceRF | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys PowerArtist | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys RedHawk | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys RedHawk-SC | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys Totem | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Simulation Process Platform Applications** | Ansys ACT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys DesignXplorer | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys Minerva (client) | ✓ | ✓ | | | | | | | | |
| | Ansys Minerva (server) | | | ✓ | | | | | | | |
| | Ansys External Model | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys optiSLang | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys Remote Solve Manager (RSM) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ansys Viewer | ✓ | ✓ | ✓ | ✓ | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Structures Applications** | | | | | | | | | | | |
| Additive | ✓ | ✓ | ✓[8] | ✓[8] | ✓[8] | ✓[8] | ✓[8] | ✓[8] | ✓[8] | ✓[8] | 8 Workbench only |
| Ansys AQWA | ✓ | ✓ | ✓ | ✓ | ✓[9] | ✓[9] | ✓[9] | | ✓[9] | ✓[9] | 9 Solver only |
| Autodyn | ✓ | ✓ | ✓ | ✓ | ✓[9] | ✓[9] | ✓[9] | ✓[9] | ✓[9] | ✓[9] | 9 Solver only |
| Ansys Composite Cure Simulation | ✓ | ✓ | | | | | | | | | |
| Ansys Composite PrepPost | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | |
| Ansys Explicit STR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| LS-DYNA | ✓ | ✓ | ✓ | ✓ | ✓[9] | ✓[9] | ✓[9] | ✓[9] | ✓[9] | ✓[9] | 9 Solver only |
| Ansys LS-OPT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Forming | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| ANSYS LS-PrePost | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys LS-TaSC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Mechanical | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Mechanical APDL | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Ansys Material Designer | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Ansys Motion | ✓ | ✓ | | | ✓[10] | | | | ✓[10] | | 10 Support limited to standalone product |
| Ansys nCode DesignLife | ✓ | ✓ | | | ✓[10] | ✓[10] | ✓[10] | ✓[10] | ✓[10] | ✓[10] | 10 Support limited to standalone product |
| Ansys Rigid Body Dynamics | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | |
| Ansys Sherlock Automated Design Analysis | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| **3-D Design Applications** | | | | | | | | | | | |
| Ansys Discovery | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| SpaceClaim | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| **License Administration** | | | | | | | | | | | |
| Ansys License Manager | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

\* We support versions of Windows 10 from the General Availability Channel as are avaiable at the time of the Ansys release.
  For the Scade products, code generators are qualified/certified on Windows using long term service versions (LTSB/LTSC).
\*\* Requires HPC Pack 2019 Update 1
\*\*\* Microsoft HPC Pack is not supported.

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