



HiCAD

UNLIMITED CAD PERFORMANCE DEVELOPED BY ISD

HiCAD

Version 2023

Interfaces Overview

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THE WORLD OF CAD AND PDM SOLUTIONS

Interfaces Overview

Which interfaces can be used for data interchange with other systems?

2-D	Import	Export	Minimum Requirement*	fee-based
DXF / DWG	✓	✓	Integrated in HiCAD Classic or higher	No
BabCAD	✓	✗	Integrated in HiCAD Classic or higher	No
PC-Draft	✓	✗	Integrated in HiCAD Classic or higher	No
ME10	✓	✗	Integrated in HiCAD Classic or higher	No
ProCad	✓	✗	Integrated in HiCAD Classic or higher	No
Technovision	✓	✗	Integrated in HiCAD Classic or higher	No
3-D	Import	Export	Minimum Requirement*	fee-based
3D PDF/U3D/PRC	✗	✓	Integrated in HiCAD Creator or higher	No
Kisters Viewstation	✗	✓	Integrated in HiCAD Creator or higher	No
SketchUp	✗	✓	Integrated in HiCAD Creator or higher	No
STEP	✓	✓	Integrated in HiCAD Creator or higher	No
STL	✓ binary/ascii	✓ binary/ascii	Integrated in HiCAD Creator or higher	No
VRML	✗	✓	Integrated in HiCAD Classic or higher	No
ACIS	✓	✓	HiCAD Creator or HiCAD Solution	Yes
CATIA V5 / V6	✓	✓	HiCAD Creator or HiCAD Solution	Yes
3-D DXF/DWG	✓	✓	HiCAD Creator or HiCAD Solution	Yes
IGES	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Inventor	✓	✗	HiCAD Creator or HiCAD Solution	Yes
JT	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Parasolid	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Creo Parametric	✓	✓	HiCAD Creator or HiCAD Solution	Yes
PLM XML	✓	✓	HiCAD Creator or HiCAD Solution with JT-License	Yes
SOLIDWORKS	✓	✗	HiCAD Creator or HiCAD Solution	Yes

STEP Import Repair Tool	✓	✓	HiCAD Creator or HiCAD Solution	Yes
NX	✓	✗	HiCAD Creator or HiCAD Solution	Yes
VDAFS	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Navisworks	✗	✓	Integrated in HiCAD Creator or higher	No

Sheet Metal	Import	Export	Minimum Requirement*	fee-based
LVD (2D)	✗	✓	Integrated in HiCAD Sheet Metal professional or higher	No
Bystronic (2D)	✗	✓	Integrated in HiCAD Sheet Metal professional or higher	No
ToPs GEO (2D)	✗	✓	HiCAD Sheet Metal professional	Yes
Steel Engineering	Import	Export	Minimum Requirement*	fee-based
DSTV				
▪ NC/BOM Export	✗	✓	HiCAD Creator or HiCAD Solution	Yes
▪ Product Import/Export	✓	✓	HiCAD Creator or HiCAD Solution	Yes
ERPlus	✗	✓	HiCAD Creator	No
IFC	✓	✓	HiCAD Beams + Profiles	Yes
NCX	✗	✓	HiCAD Steel Eng., Steel/Metal Eng. or Beams + Profiles	Yes
SDNF	✓	✓	HiCAD Spooler, Steel Engineering, Metal Engineering, Steel/ Metal Engineering or Staircases	Yes
Others	Import	Export	Minimum Requirement*	fee-based
KISSsoft	✓	✗	HiCAD Creator or HiCAD Solution	Yes
ROHR2	✗	✓	HiCAD Pipeline Planning	Yes

* Please note that the mentioned modules may be part of your industry solution.

Which versions of data formats are supported for the import/export via native interfaces?

HiCAD 2023	Import possible for version	Export as
ACIS	R1 - 2021 1.0 (R31)	6.0
CATIA V5	V5 R8 – V5-6 R2021	R24
DWG	9 - 2021	2004
DXF	9 - 2021	14
IFC	2x3, 4 Addendum 1	2x3, 4
IGES	1 - 5.3	5.3
Inventor	11 – 2021	-
JT	JTOpen 6.4 - 10.8	JTOpen 7.0
PLM XML	JTOpen 6.4 - 10.8	-
Parasolid	9, 13 – 33	11
Creo Parametric	Pro/E 2001 - CREO 7	Wildfire 4
SketchUp	-	2013
SOLIDWORKS	98 – 2021	-
STEP	AP203/214/242	AP214
NX	1 - 1953 Series	-
VDAFS	all	2.0
VRML	-	2.0

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