



HiCAD

UNLIMITED CAD PERFORMANCE DEVELOPED BY ISD

HiCAD

Version 2020

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
PC-Draft	✓	✗	Integrated in HiCAD Classic or higher	No
ME10	✓	✗	Integrated in HiCAD Classic or higher	No
PROCAD/PROREN	✓	✗	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 V4	✓	✓	HiCAD Creator or HiCAD Solution	Yes
CATIA V5	✓	✓	HiCAD Creator or HiCAD Solution	Yes
DXF/DWG	✓	✓	HiCAD Creator or HiCAD Solution	Yes
IGES	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Inventor	✓	✗	HiCAD Creator or HiCAD Solution	Yes
JTOpen	✓	✓	HiCAD Creator or HiCAD Solution	Yes
Parasolid	✓	✓	HiCAD Creator or HiCAD Solution	Yes
PRO/E, 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 Repair Tool	✓	✓	HiCAD Creator or HiCAD Solution	Yes
UniGraphics	✓	✗	HiCAD Creator or HiCAD Solution	Yes
VDAFS	✓	✓	HiCAD Creator or HiCAD Solution	Yes

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
TopsGeo (2D)	✗	✓	HiCAD Sheet Metal professional	Yes
Steel Engineering	Import	Export	Minimum Requirement*	fee-based
DSTV				
- Production: BOM + NC Data	✗	✓	HiCAD Creator or HiCAD Solution	Yes
- Design+Engineering: Geo.+ Statics	✓	✓	HiCAD Creator or HiCAD Solution	Yes
ERPlus	✗	✓	HiCAD Creator	No
IFC	✓	✓	HiCAD Beams + Profiles	Yes
NC-X	✗	✓	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 2020	Import possible for version	Export as
ACIS	Up to 2018	6.0
CATIA V4	4.1.x/4.2.x	4.1.9
CATIA V5/V6	R8 – V5/V6 (6R2019)	R19
DWG	-14/-2018	2004
DXF	-14/-2018	14
IFC	2x3, 4	2x3, 4
IGES	all	5.3
Inventor	V11 – 2019	-
JTOpen	10.0*	7.0
PLM XML	-	-
Parasolid	13 – V30	11
Pro/E, Creo Parametric	Wildfire 3 - 5, Creo 3-5	Wildfire 4
SketchUp	-	2013
SOLIDWORKS	98 – 2019	-
STEP	AP203/214/242	AP214
UniGraphics	11 - NX12	-
VDAFS	all	2.0
VRML	-	2.0

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