



# HiCAD

UNLIMITED CAD PERFORMANCE DEVELOPED BY ISD

## HiCAD

Version 2022

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

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				
<ul style="list-style-type: none"> <li>■ NC/BOM Export</li> </ul>	✗	✓	HiCAD Creator or HiCAD Solution	Yes
<ul style="list-style-type: none"> <li>■ Product Import/Export</li> </ul>	✓	✓	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 2022	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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**ISD Software und Systeme GmbH**

Hauert 4  
44227 Dortmund  
Germany  
Tel. +49 (0)231 9793-0  
info@isdgroup.de

**ISD Berlin**

Paradiesstraße 208a  
12526 Berlin  
Germany  
Tel. +49 (0)30 634178-0  
berlin@isdgroup.de

**ISD Hamburg**

Strawinskystraße 2  
25337 Elmshorn  
Germany  
Tel. +49 (0)4121 740980  
hamburg@isdgroup.de

**ISD Hannover**

Hamburger Allee 24  
30161 Hanover  
Germany  
Tel. +49 (0)511 616803-40  
hannover@isdgroup.de

**ISD Nürnberg**

Nordostpark 7  
90411 Nuremberg  
Germany  
Tel. +49 (0)911 95173-0  
nuernberg@isdgroup.de

**ISD Ulm**

Wilhelmstraße 25  
89073 Ulm  
Germany  
Tel. +49 (0)731 96855-0  
ulm@isdgroup.de

**ISD Austria GmbH**

Hafenstraße 47-51  
4020 Linz  
Austria  
Tel. +43 (0)732 21 04 22-0  
info@isdgroup.at

**ISD Benelux b.v.**

Het Zuiderkruis 33  
5215 MV 's-Hertogenbosch  
The Netherlands  
Tel. +31 (0)73 6153-888  
info@isdgroup.nl

**ISD Benelux b.v.**

Grote Voort 293A  
8041 BL Zwolle  
The Netherlands  
Tel. +31 (0)73 6153-888  
info@isdgroup.nl

**ISD Schweiz AG**

Rosenweg 2  
4500 Solothurn  
Switzerland  
Tel. +41 (0)32 624 13-40  
info@isdgroup.ch

**ISD Group France SAS**

10 -12 Boulevard Vivier Merle  
69393 Lyon cedex 03  
France  
lyon@isdgroup.fr

**ISD Group USA Inc.**

721 Jetton Street Two Harbour Place  
NC 28036 Davidson  
USA  
Tel. +1 (0)770 349 6321  
usa@isdgroup.com

**ISD Group USA Inc.**

5126 South Royal Atlanta Drive  
GA 30084 Tucker  
USA  
Tel. +1 (0)770 349 6321  
usa@isdgroup.com

[www.isdgroup.com](http://www.isdgroup.com)