



The Software for 3D Printing

## Supported File Formats

---

netfabb Professional 5.2 and add-ons

# Supported File Formats

netfabb Professional 5.2 and add-ons



## 3D FILE FORMATS

3D file format	Description	Import	Export	Import colors & textures	Export colors & textures
<b>STL</b>	Surface Tessellation Language	✓	✓		
<b>STL (ASCII)</b>	Surface Tessellation Language	✓	✓		
<b>STL (COLOR)</b>	Surface Tessellation Language	✓	✓	✓	✓
<b>X3D</b>	Extensible 3D-ASCII	✓	✓	✓	✓
<b>X3DB</b>	Extensible 3D-Binary	✓	✓	✓	✓
<b>GTS</b>	Gnu Tessellated Surfaces	✓	✓		
<b>OBJ</b>	Wave Front OBJ	✓	✓	✓	✓
<b>3DS</b>	Autodesk 3D Modeling Format	✓	✓	✓	
<b>NCM</b>	netfabb Compressed Mesh	✓	✓		
<b>AMF</b>	Additive Manufacturing File	✓	✓		
<b>3MF</b>	3MF Basic Microsoft	✓	✓		
<b>ZPR</b>	Z-Print	✓	✓	✓	✓
<b>PLY</b>	Stanford Polygon	✓	✓	✓	✓
<b>VRML</b>	Virtual Reality Modeling Language	✓	✓	✓	✓
<b>BINVOX</b>	Binary Voxel Format	✓	✓		

## SLICE FORMATS

Slice format	Description	Import	Export	AM machine manufacturers using this file format
<b>SLI</b>	Slice Layer Interface	✓	✓	EOS
<b>CLI</b>	Common Layer Interface	✓	✓	EOS
<b>SLC</b>	SLC	✓	✓	3D Systems, Arcam
<b>SSL</b>	Stratasys Layer	✓	✓	Stratasys
<b>ABF</b>	Arcam Build File		✓	Arcam
<b>SLM</b>	SLM Build File	✓	✓	SLM Solutions
<b>MTT</b>	SLM Build File	✓		Renishaw
<b>CLS</b>	Concept Laser Slice	✓	✓	Concept Laser
<b>USF</b>	Universal Slice File	✓	✓	
<b>CLF</b>	Common Layer File	✓	✓	Arcam
<b>PNG</b>	Portable Network Graphics		✓	
<b>BMP</b>	Windows Bitmap		✓	
<b>SVG</b>	Scalable Vector Graphics		✓	
<b>DXF</b>	Drawing Interchange Format		✓	
<b>PS</b>	Adobe Postscript		✓	
<b>JPEG</b>	Joint Photographic Experts Group	✓		
<b>BINVOX</b>	Binary Voxel Format	✓	✓	

# Supported File Formats

netfabb CAD-Import add-on



CAD FORMATS

CAD format	Description	Import	Export
<b>VRML</b> <b>WRL</b>	Virtual Reality Modeling Language	✓	✓
<b>IGES</b> <b>IGS</b>	Initial Graphics Exchange Specification	✓	
<b>STEP</b> <b>STP</b>	Standard for the Exchange of Product Model Data	✓	
<b>IFC</b>	Industry Foundation Classes	✓	
<b>JT</b>	Jupiter File Format	✓	
<b>IPT</b> <b>IAM</b>	Autodesk Inventor	✓	
<b>MODEL</b> <b>SESSION</b> <b>DLV</b> <b>EXP</b> <b>CATPART</b> <b>CATPRODUCT</b> <b>CATSHAPE</b> <b>CGR</b> <b>3DXML</b>	CATIA V4, V5, V6	✓	
<b>ASM</b> <b>NEU</b> <b>PRT</b> <b>XAS</b> <b>XPR</b>	Creo Parametric / ProE	✓	
<b>X_B</b> <b>X_T</b> <b>XMT</b> <b>XMT_TXT</b>	Parasolid	✓	
<b>PRC</b> <b>PRT</b> <b>MF1</b> <b>ARC</b> <b>UNV</b> <b>PKG</b>	NX	✓	
<b>ASM</b> <b>PAR</b> <b>PWD</b> <b>PSM</b>	Solidedge	✓	
<b>SLDASM</b> <b>SLDPRT</b>	Solidworks	✓	

## About:

With the netfabb CAD Import add-on you can convert original CAD data directly in netfabb Professional into 3D mesh files without expensive additional software tools.

If any conversion errors occur during translation, they can be fixed by the highly advanced automatic repair function in netfabb Professional with just one click.

Afterwards you can check printability, correct possible imperfections and start the production process without disturbing engineers or customers concerning file conversion.

## Contact:

### Web:

[sales@netfabb.com](mailto:sales@netfabb.com)  
[www.netfabb.com](http://www.netfabb.com)

**Phone:** +49 (0) 94 92 601 640 0

**Fax:** +49 (0) 94 92 601 640 9

### netfabb GmbH

Eichenbühl 10  
92331 Lupburg  
Germany