

netfabb PROFESSIONAL / ENTERPRISE

Let the features convince you

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IMPORT – CAD formats as standard feature

Avoid conversion errors with the direct import of 20 leading CAD file formats such as CATIA V4/V5/V6, Autodesk Inventor, Parasolid, ProE / Creo Parametric, Siemens NX, Solid Edge, SolidWorks, PRC, I-deas.

Also the ones commonly used in the industry: IGES, STEP, JT, FC, U3D and VDA-FS.

Now fully integrated in netfabb Professional and Enterprise. Besides pioneering the new 3MF format netfabb of course supports *stl, vrmf, 3ds, zpr, obj, ply, x3d, amf* and many more.



REPAIR – Consistent productivity

Automatic repair: The most reliable, most used and most sophisticated file repair in the world. Repair hundreds of parts fully automatic at a time in batch mode with powerful repair scripts. Includes closing holes, eliminating self intersections, wrapping etc.

Manual repair: Cut out errors, edit the mesh and automatically compare the repaired part with the original.



EDIT – Make late design changes

Add labels and colors: Label, colorize and texture parts easily with image and text. Apply sophisticated texturing by advanced UV creation utilities. Transform pictures and textures to reliefs with one click.

Merge or substract parts: with the most thorough Boolean Operations. Combine several parts to one and create new drill holes, fixtures, extract and recombine feature details etc.



OPTIMIZE – Adjust parts to fit machines perfectly

Offset, hollow, smooth: Adjust the wall thickness, add tolerances and reduce sharp edges to fit the capabilities of any machine. Smooth scans and make them printable with ease.

Cut parts and reduce their size: Sophisticated cutting functions make parts fit into the platform perfectly. Reduce the file size for faster handling with an elaborate and precise triangle reduction.

DID YOU KNOW?

netfabb Professional / Enterprise bridges the gap between CAD or scan and 3D printers. Like an automatic spellchecker it ensures perfectly watertight parts.

Use netfabb Enterprise on your server to access it from different PCs. One floating license can be used for the whole company!

netfabb Professional / Enterprise can be enhanced with powerful add-ons such as Support Structures or Automatic Packing. Contact us for your personalized solution.

netfabb is the world's most used software for 3D printing.

The integrated netfabb CAD import works with Windows as well as Linux.

You can set netfabb to:

English, German, Russian, Japanese (日本語), simplified Chinese (简体字) and traditional Chinese (繁体字).



SUPPORT – Break through machine limitations

DLP Support Structures: Have your part analyzed to identify critical areas, place and adjust hollow and solid bars, save your personal settings and run them automatically. The perfect fit for DLP machines!

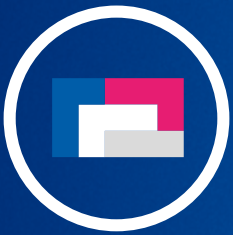
Enhanced Support Structures: Create various support structures with multi angle part analysis, independent from machine and material. Save your individual scripts to ensure repeatable results with bars, polylines and even volumetric clusters.



LABEL – Use 3D printing for mass production

Automatic serial labeling: Directly import information from external spreadsheets for labeling parts and assign serial numbers to any amount of models automatically.

The labeling module enables you to reach the highest standards of quality management and makes mass processing of AM parts finally possible.



PACK – Increase your printing efficiency

Automatic packing: Save time and manual labour by using the Automatic Packing Tool and benefit from the easy-to-use 2D mode.

netfabb Professional enables users to arrange parts by outbox and even by real contour on customizable or predefined platforms.



QUOTE – Reduce your response times

Export all important information of a job into data sheets: Customize your PDF template once to reduce manual labour and time in quote creation and simplify communication with your customers.

Streamline your internal processes!



EXPORT – Get closer to your machine

Convert 3D models into layers: Export and convert to all relevant 3D file types and various slice formats (sli, cli,cls, slc, ssl, usf, abf, slm, svg, dxf, png, bmp, ps, binvox).

Edit and optimize your print data in 2½D: Merge or hollow parts in this 2½D mode to speed up calculations and save processing time. For laser based machines, you can precisely define hatching patterns and directions to reduce temperature caused tensions, warping and shrinkage – and tremendously reduce build times.

DID YOU KNOW?

netfabb licenses are forever. Buy once and use for a life-time.

Always be on the leading edge with optional upgrade agreements.

netfabb is so easy to use, it only takes a few hours to learn.

netfabb is available for Windows, MacOS and Linux at no additional cost.

netfabb Enterprise provides multi-license solutions for all company sizes.



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netfabb GmbH

Eichenbühl 10
92331 Lupburg
Germany

Phone: +49 (0) 9492 601 640 0

Fax: +49 (0) 9492 601 640 11

Mail: info@netfabb.com

Web: www.netfabb.com

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www.netfabb.com