

# netfabb Professional 6:

## Let the features convince you



### Import - be versatile with mesh and CAD formats

For example: stl, vrml, 3ds, zpr, obj, ply, x3d, 3mf, amf... and many more.

Avoid conversion errors with the netfabb **CAD Import tool** and its **20 different CAD file formats** such as CATIA V4/V5/V6, Autodesk Inventor, Parasolid, ProE / Creo Parametric, Siemens NX, Solid Edge, SolidWorks, PRC, I-deas...

As well as the industry standards: IGES, STEP, JT, FC, U3D and VDA-FS.

#### Did you know?

*netfabb Professional bridges the gap between CAD or scan content and 3D printers. Like an automatic spellchecker, it ensures perfectly printed parts.*



### Repair - for 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.

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



### 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 subtract parts

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

*netfabb Professional can be upgraded with powerful add-ons such as CAD Import or Support Structures. Contact us for your personalized solution.*



### 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.



## 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.

Did you know?

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

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



## 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.

*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.*



## 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.

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



## 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 (stl, vrml, 3ds, zpr, obj, ply, x3d, 3mf, amf,...) 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.

Order your netfabb Professional 6 today.

