Proven Technology

From Fortune 500 companies and top League schools to makers and hackers, people around the world rely on LulzBot 3D printers to get the job done. Thanks to our global community of developers, at Aleph Objects we offer proven solutions that have been thoroughly tested by the Open Source community. From the firmware down to our BM of materials, you can see how it all works for your projects, including, commercial products, and much more. We can't wait to see what you do next.

Open for All

Inspired by the spirit you, we started a company that respects your freedom to get the job done. Our robust LulzBot products embody the spirit of the Free Software and Open Source Hardware Movements. We are proud to partner with the Free Software Association (FSF/FSF.org) and other the Free hardware product, and all the only 3D printer certified by the Free Software Foundation (FSF.org) to Respect Your Freedom.

Your Role

Take something to share! We value and regularly incorporate community feedback and would love to hear from you. Like you, we believe in freedom of expression, and your feedback will be respected and acted upon.

About Aleph Objects, Inc.

LulzBot is a product line of Aleph Objects, Inc., a Free Software and Open Source Hardware company founded in January 2011 and headquartered in Loveland, Colorado, USA. LulzBot 3D printers, parts, and materials.

TERMINOLOGY

SLICING

Creating your object's printable layers, written to G-Code. This order will be sent to your 3D printer.

LAYER HEIGHT

The thinness of each individual slice of the printed object. This information is determined during the slicing process and is contained in the G-Code.

![LulzBot Mini](https://example.com/lulzbot_mini.png)

![LulzBot Hexagon](https://example.com/lulzbot_hexagon.png)

### FILE TYPES

- **STL**
  - Standard Triangulation Language
  - A file format that contains the surface geometry of a three-dimensional object with a triangulated mesh, saved as a STL file.

- **OBJ**
  - The Wavefront OBJ file format is a simple data format that represents 3D geometry. It may also contain some mapping information.

- **AMF**
  - A machine-readable file format for 3D printing.
  - An AMF file represents three objects, or models, objects, in a triangulated mesh. Under a permissions STL format, AMF has newer support for your materials, textures, and combinations.

- **Gcode**
  - A numerical control programming language that tells your 3D printer how to move your object.