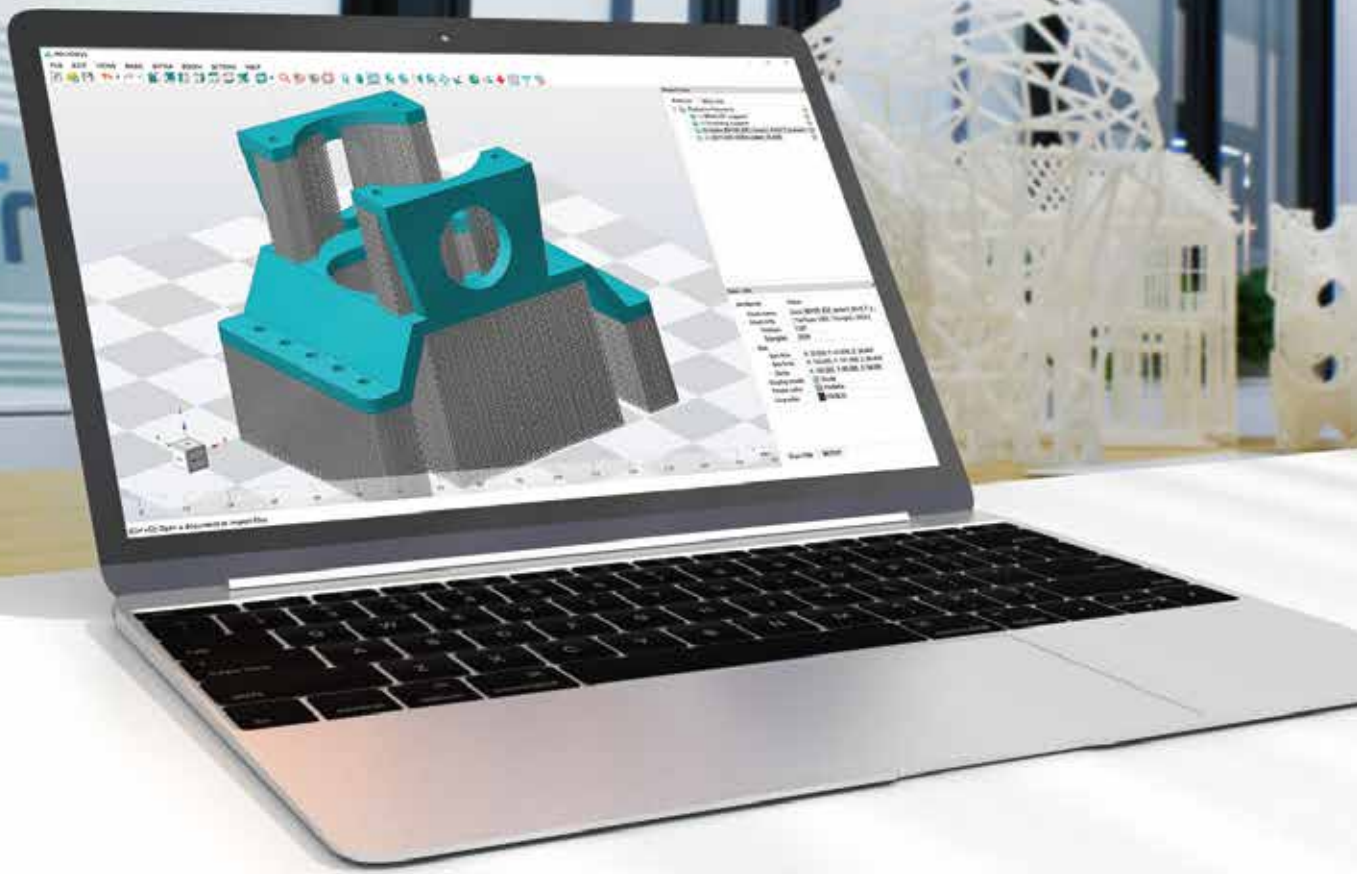# UnionTech
Create your imagination

Polydevs
Professional Data Preparation
Software for 3D Printing

To achieve an excellent printing experience, Polydevs provides the features for viewing, repairing, editing, and generating support structures for your models. Its powerful functionality ensures exceptional 3D printing performance.

Functional Features:
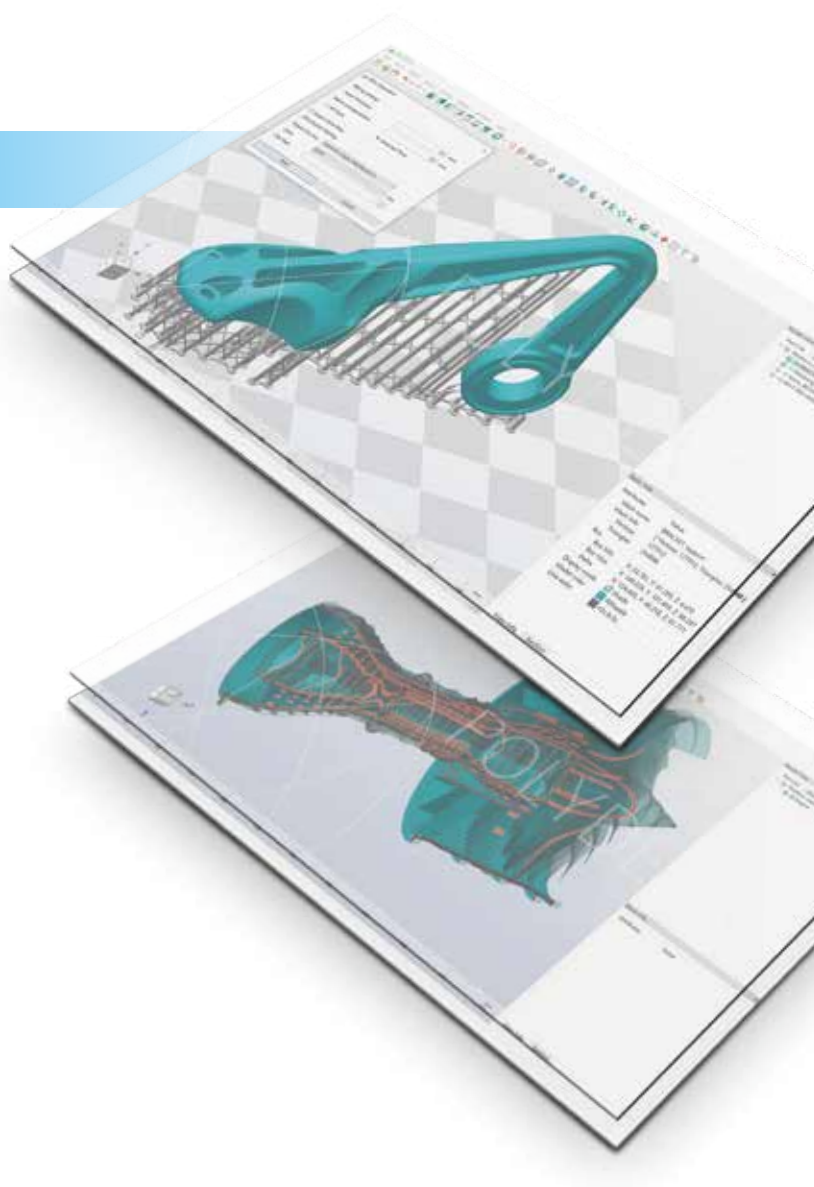
1. Import and Export

Polydevs allows you to preview, import and export several file formats, including STL, OFF, PLY, OBJ. You can use our extensive tools to position and layout models for your build volume.

2. Repair

With our Repair module, you can repair any parts automatically or semi-automatically, and create water-tight data for 3D printing, through stitching triangles, deleting double faces, closing holes, fixing orientations, deleting noise shell, resolving overlaps, detecting and fixing self-intersections and so on.

3. Mesh Editing

It is intuitive and easy to hollow parts, add labels, simplify/subdivide mesh. Also, it can make free cut, holes, boolean operation and z-compensation.

4. Support Structures

Support structure generation ensures reliable and effective printing. Our support generation module allows quick, easy and automated creating and editing support structures for various applications.

5. Slice Parts

With our slicing module, you can slice your part fast and conveniently. We also give you access to visualize your slice files to ensure print success.

UnionTech

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