

3D Printing Software: ZEdit Pro

Z Corporation (MA, USA) has launched new software that prepares 3D data files for full-colour 3D printing, automatically and with unprecedented ease.

ZEdit Pro lets users of 3D mechanical CAD software verify and ensure that geometric data is 3D printable; apply colours, texture maps and labels to their models; and easily print very large prototypes in component pieces. It also transforms files that were never originally intended for 3D printing, including those produced by 3D digital content creation software used in animation and architecture. ZEdit Pro makes these files 3D printing-ready, often with a single click.

With these capabilities, ZEdit Pro enables product designers to create better models faster, and enables amongst others architects, conceptual designers, and game designers, to reap the same benefits of easy 3D printing as mechanical engineers.

Optimised for Z Corporation 3D printers, ZEdit Pro's capabilities focus on three functional areas that improve the quality of 3D printed models and enable more full-colour 3D content to be printed directly:

- Geometry Optimisation to automatically make 3D data ready for 3D printing
- Painting & Texture Mapping for colouring and applying images to models
- Print Preparation for cutting or hollowing parts before printing.

For mechanical engineers, ZEdit Pro provides an easy way to add graphical elements, including colour, texture, annotations and engineering labels, to designs for 3D printing. Users can optionally leverage applications like Adobe Photoshop or Adobe Illustrator to create the graphical elements they apply within the ZEdit Pro interface.

ZEdit Pro also gives anyone the easy ability to print CAD models that are too big for the printing envelope. The software automatically segments oversized models, creating pins and holes for reassembly of the sections after printing. ZEdit Pro also hollows out solids that would otherwise waste resources, and helps users create bases and pedestals for models.

ZEdit Pro is priced at USD2,500, and is available immediately through the company's worldwide reseller network. For a limited time, ZEdit Pro will be included with purchases of Z Corporation 3D printers at no cost. Promotional pricing is available for upgrades, multi-seat licenses and educational institutions.