

RapidSOLID

Rapid SOLID is a software solution to automatically and quickly convert 2D engineering drawings into 3D models, with minimal efforts and manual intervention. It automates the conversion and modeling process and reduces human effort and skills requirement. The tool accepts 2D drawings as inputs and converts them to 3D models with a high degree of automation, requiring human input only for the more complex designs.

Salient Features:

- Creates a feature tree or history of the various intermediary steps so that manual inputs can be provided for complex designs and the model can be created iteratively.
- Save hours of human efforts and time, thus reducing the overall conversion costs.
- Seamless conversion and translation of 3D data between different formats.

Major Applications:

1. Automated 2D-3D conversion of engineering designs.
2. Can also be used for designing new 3D models.

Major End Users

- Engineering firms involved in designing using 2D CAD systems, or own legacy 2D drawings.
- Any designer trying to convert or operate between two different CAD systems.