



CADfix removes the barriers that prevent the effective reuse of solid models. By providing an extensive set of geometry processing tools for importing, repairing, and simplifying models, CADfix enables users to maximize the reuse of CAD data in downstream computational electromagnetic (CEM) and radio frequency (RF) simulation applications.

CADfix helps CEM and RF engineers simplify and optimize CAD models for simulation, saving non-value-add labour and costs, and reducing analysis lead time.

Support

Native

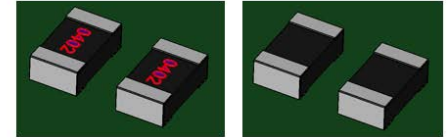
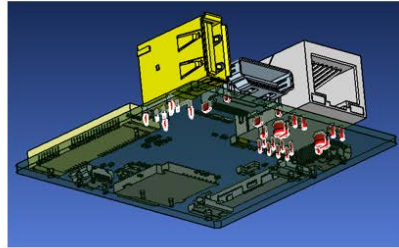
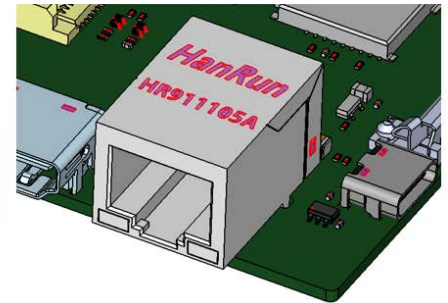
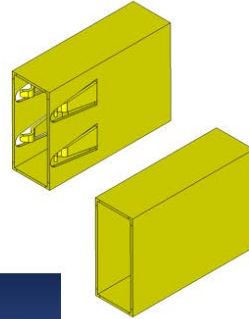
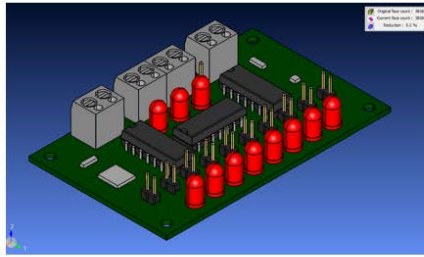
- CATIA V4
- CATIA V5
- Creo
- Inventor
- Microstation
- NX
- SOLIDWORKS
- Solid Edge

Neutral

- DXF/DWG
- FBX
- gITF
- IFC
- IGES
- JT Open
- OBJ
- Open CASCADE
- Parasolid
- SAT
- STEP
- STL
- USD
- VDA-FS
- XGL/ZGL

Platforms

- Windows
- Linux
- Cloud



CADfix Benefits:

- Ensure high-quality models
- Optimize models for simulation
- Eliminate meshing failures
- Improve mesh quality
- Reduce analysis lead time
- More time for simulation

CADfix Features:

- Import and export of multiple native CAD and neutral formats
- Extensive geometry repair tools to generate well-connected models
- Advanced simplification of complex electronic components
- Convert components to primitive boxes, cylinders and cones
- Convert components to extruded and revolved primitives
- Remove lettering, logos, and unwanted CAD features
- Mid-surface approximation
- Shrinkwrap simplification
- Advanced STL generation for downstream simulation tools
- Automatic wizard, diagnostic-driven, fully interactive, and batch operation

About ITI, a Wipro company