

# CADfix PPS 3D MCAD Model Simplification, Made Simple



The CADfix Plant and Process Simplification (PPS) solution automates the simplification of 3D mechanical CAD models of large equipment assemblies. Orders of magnitude in file size reduction can be achieved ahead of integration of the equipment models into 3D plant and process design systems.

## Support

### Import

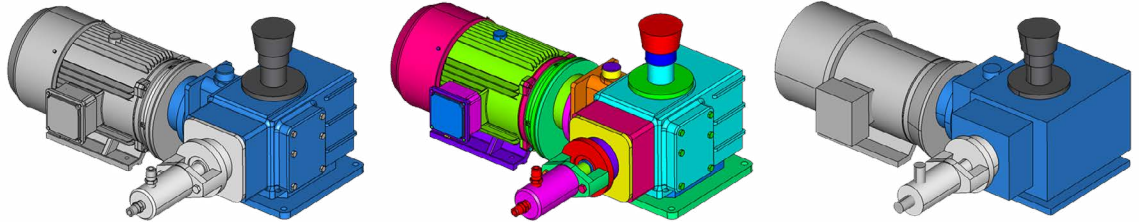
#### Bundle:

- ACIS SAT
- DWG
- Parasolid
- STEP

#### Add-on options:

- CATIA
- Creo
- FBX
- Inventor
- JT Open
- NX
- OBJ
- SOLIDWORKS
- STL
- IFC
- DGN

CADfix PPS helps plant and process, power industry, marine and offshore engineers achieve up to 80% reduction in engineering design labor and costs associated with CAD model simplification.



### **CADfix PPS Benefits:**

- Significantly reduce file size
- Eliminate import failures
- Avoid CAD rework
- Produce legible models
- Eliminate system hangs
- Reduce lead time
- Protect intellectual property
- Greater plant design system stability

### Export

#### Bundle:

- ACIS SAT
- DWG
- Parasolid
- STEP

#### Add-on options:

- FBX
- JT Open
- OBJ
- STL
- VRML

### **CADfix PPS Features:**

- Multi-CAD import & export
- Automatic Simplification Wizard
- Smart Deconstruction tool to reduce complex bodies
- Convert complex solids to Box, Cylinder & Cone primitives
- Simplify complex solids to simplified extruded profiles
- Removal of holes and protrusions
- Removal of lettering & logos
- Removal of fillets & chamfers
- Removal of non-visible internal details
- Automatic assembly creation to reduce model size
- Intelligent selection of similar parts by size, shape & profile
- Streamlined user interface and model browsing

#### **About ITI, a Wipro company**