

Release Date: 25 September 2009

Availability Matrix: See "CADfix 8.0 Product Availability Matrix" document

Platform changes

- Windows 2000 & XP SP3 & Vista (32 and 64 bit)
- Sun Solaris 8
- HP HP-UX 11i
- Linux RHEL 5 (32 and 64 bit)
- CADfix no longer supports SGI IRIX and IBM AIX

Import/Export Enhancements

- Merge on file menu gives ability to import CAD models and CADfix databases into an open (live) session
- ACIS R20 binary file import (SAB) supported
- CADD5 V5 R14 and import on Windows
- CATIA V5 R19 option to export free faces as independent (preserves attributes in V5)
- Parasolid V22 improved auto-labelling of assembly nodes at export
- Pro/Engineer Wildfire 4 option for improved import of closed NURBS surfaces
- Unigraphics NX6, SolidWorks 2009, Inventor 2009

GUI Enhancements

- New STL Manager tool
- New Zone Manager tool:

Defeaturing/Simplification

- Faster face joining algorithm now approximately 10 times faster and better quality joined surfaces
- New Imprint tool for circumstances where multiple bodies are adjacent and when faces are coincident
- New Join Bodies tool joins touching bodies into a single body.
- New Transform option for auto-removing sliver faces
- New fix for sharp face corners/angles
- New split-face-by-shelling tool
- Fragmented surface find and parent face joining tool
- New line intersection tool using two surfaces
- New hole capping function

General Enhancements

- Long names restriction of 4 characters removed (12 chara limits) giving much larger maximum model sizes
- Faster shaded image manipulation and speed-up of dynamic clipping plane performance
- Extended support for models with very large scale differences
- Improved and faster database access
- Support for multi-core machines