

## CADfix 7.1 SP2 Data Exchange Fix Change Notes

Change Notes for CADfix 7.1 Service Pack SP2 minor enhancements and a brief summary of each fix arranged under their respective Problem report number(s):

### Minor enhancements:

- **STEP import:** now supports curve bounded surface
- **PRO/Engineer import:** option for improved import of closed NURBS surfaces and new option to control accuracy of imported vertices
- **DXF import:** improved import of mesh entities
- **SC03 export:** permit the transfer of publication tags from CATIA V5
- **CATIA V5 export:** New option to export free faces as independent (preserves attributes in V5)
- The geometry building tool permits moving or copying onto a surface
- New continuity test fix for loops with sharp edge angles
- New diagnostic for finding non-manifold solids
- Can now probe entities directly from the Wizard monitor

cf05714	STL import has problem with multiple geometry solids
cf05856	DXF model imports badly
cf05860	Export to ACIS making illegal cone
cf05861	ROpen command causes errors with selected RDEF
cf05862	Need Layer information from DXF files and/or read GDS files
cf05867	Cannot read Solid Works assembly
cf05868	CATIA V5 publication tags not imported by ACIS-V5 reader
cf05869	"Save as" and "Save Copy" concatenate the extension
cf05873	Splitting seamless faces very slow on large models
cf05874	Add support for tag import of Parasolid into CADfix
cf05876	ACIS Export Error (Access Violation)
cf05878	Not importing any layers from CATIA V5 via ACIS
cf05880	Export to IGES has a colour code problem
cf05883	GUI error on model open
cf05889	Pro/E accelerator files missing, need to warn user
cf05891	Degenerate NURBS corner not being found (SU-DP)
cf05893	Delete fillets fails on this model
cf05896	Wizard batch run fails with unclosed shells
cf05897	GUI error from Wizard batch run
cf05900	Need a fix for faces with cusp corners (LO AS)
cf05902	"Save As" not changing Export File Name when changing format
cf05903	Loading cwc Files sees "0.1:MM" as tessellation value
cf05910	STL import of multiple solids wrong
cf05916	Move/Copy- Define not accepting numbers as input
cf05921	SC03: non-rational NURBS with non-unity weights output wrong
cf05924	non-G1 PDQ test not finding curves with degenerate G1
cf05927	STL export ignoring facet turn angle setting
cf05929	Marquee select only visible faces not working
cf05933	CADfix CAE removes combined lines from surfaces
cf05938	Pro/E export filename length limit NOT being applied

cf05940 GUI Error from split face with a plane  
cf05947 Support for multiple solids and labels in ASCII STL files  
cf05948 Export of layers on free faces not working with CATIA V5  
cf05949 Export to V5 is using "DEFAULT.CATProduct" as the filename  
cf05951 Automatic overlapping faces diagnostic check  
cf05953 Result Manager gives GUI error for Graph tab  
cf05954 Serious file opening problem in SP102  
cf05955 SP1 Broke Hole Removal  
cf05957 GUI Error in Model Tree Browser  
cf05961 CADfix\_for\_Efield install giving error  
cf05966 Japanese Language word wrong  
cf05968 Assembly Part name and Instance confusion  
cf05973 Very large batch runs on Windows die after 200+ models  
cf05976 No find/fix for Parasolid Loops inconsistent  
cf05978 Import of SAT file not reading labels  
cf05979 Model Tree Properties not being kept  
cf05985 GUI error from Large Pro/E assembly  
cf05989 SC03 licence should be checked back after export  
cf05992 Wizard Repair Breaks Model and Collapses Parts  
cf06007 Partially degenerate NURBS wrongly seen as closed  
cf06013 CATIA V5 exported can't be opened in R16 or earlier  
cf06017 Sequence of nodes along a line not working  
cf06018 Regression in fillet suppression  
cf06021 Parasolid blend surf importing as badly distorted NURBS  
cf06028 STEP import fails to correctly convert part  
cf06032 Result of fix being left in display  
cf06035 FAIL set limiting scan of ALL model  
cf06036 Assembly export to Parasolid fails