



Corrected Software Defects

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8.1 Corrected Software Defects

This section lists the software defects that have been corrected in MSC/PATRAN Version 8.

Software defects in all MSC products are tracked as Client Service Requests (CSRs). The list provided in the following table is presented in alphabetical order by product name. However, the MSC/ prefix is disregarded, so that the product MSC/ADVANCED FEA is alphabetized after ABAQUS.

Within each product section, the CSRs are listed in numerical order. A brief description of the defect is also included. This list is also provided on the delivery media in:

`/defects/v8_corrected_defects.text`

For more information on a particular defect, please call Customer Support and provide them with the CSR ID of interest.

Product	CSR ID	Description
ABAQUS Preference	22614	Unable to perform coordinate transformation in results.
ABAQUS Preference	26211	Transformation of results for MSC/ABAQUS & AFEA.
ABAQUS Preference	30344	“OK” button for Select Loadcase closes the Step Create form.
ABAQUS Preference	30400	Latent Heat greater than 2047.99 not written to .inp file.
ABAQUS Preference	30417	Add post-processing support for reinforced elements.
ABAQUS Preference	30621	Unable in import results file correctly with Abaqus 5.7-1.
MSC/ADVANCED FEA	10930	Remove Externally Defined Material option.
MSC/ADVANCED FEA	29582	Message file overwrites hyperelastic material constants and wavefront data.
MSC/ADVANCED FEA	30120	LBC 2D Pressure TYPO: 2D-Soids should be 2D-Solids.
MSC/ADVANCED FEA	30292	Support ABAQUS 5.7-1 release.
MSC/ADVANCED FEA	30571	Need at least 2 AFEA licenses to run MSC/ADVANCED FEA job.
MSC/ADVANCED FEA	30762	Remote execution of AFEA job fails.
MSC/ADVANCED FEA	30999	AFEA creep analysis with hyperbolic creep law no longer runs.

Product	CSR ID	Description
MSC/ADVANCED FEA	32341	Failure to execute analysis on NT.
MSC/ANALYSIS MANAGER	25982	PUNCH file assignment removed from input file.
MSC/ANALYSIS MANAGER	28626	Configure/Memory units selectbox closes A/M without message.
MSC/ANALYSIS MANAGER	29146	Old terminology used for standard memory and standard buffer for ABAQUS 5.7.
MSC/ANALYSIS MANAGER	29149	ABAQUS results files not copied.
MSC/ANALYSIS MANAGER	29266	Configure Disk form unavailable on SUNS and jumbled on IBM.
ANSYS Preference	30423	Orientation node for bar element properties not updated after group transform.
CADDS5 access	30898	Missing solid face on imported CADDS5 part.
CADDS5 access	31731	Curve import yields different length on different platforms.
CATIA access	32857	Importing CATXPRES file hangs.
DB Import	32363	Import group into a new database fails; surface IDs incorrectly incremented.
MSC/DYTRAN Preference	25274	Blank input should be NULL when defining velocities.
MSC/DYTRAN Preference	27843	Incorrect labels on DMAT (NonLinFluid) material form.
MSC/DYTRAN Preference	29408	Incorrect GRID entries using small field format.
MSC/DYTRAN Preference	30430	Invalid input file due to SPC1 entries with more than 64 cont. entries.
MSC/DYTRAN Preference	30760	Vector quantity for VELOCITY definition is incorrect.
MSC/DYTRAN Preference	31316	Only 2D self-contact created in model with both solid and shell elements.
MSC/DYTRAN Preference	32652	Continuation line not incremented if it writes in large format on HP only.
MSC/DYTRAN Preference	32714	Input file reader/writer support on NT.
MSC/FATIGUE Preference	32189	Test files delivered with v7.5 cause a core dump.
MSC/FEA	30084	Re-submittal of analysis job does not use latest changes to database.
FLEXlm	30637	FlexLM TIMEOUT feature works randomly.
FLEXlm	31369	mcssetup damages license.dat file generated for redundant servers.

Product	CSR ID	Description
IGES access	18451	UG part access filtering is inconsistent.
IGES access	28828	Invalid IGES file exported and fails to import.
IGES access	29684	Import of IGES file (global model tolerance) hangs.
IGES access	30051	PiecewiseLinear curves cannot be disassembled.
IGES access	31201	Writing IGES File with chained curves fails.
IGES access	31462	IGES export incorrectly identifying left-handed transformation matrices.
IGES Access	31827	All surfaces not exported to IGES file.
IGES access	32050	Large IGES file import fails.
IGES access	32304	IGES Export and Import fails.
MSC/LAMINATE MODELER	30488	Enhancements to Laminate Modeler.
MSC/LAMINATE MODELER	30892	Create properties using coordinate system or vector to define orientation.
MSC/LAMINATE MODELER	31258	Failure in opening versioned text files on NT.
MSC/LAMINATE MODELER	31341	Show ply and modify material enhancements in Layup spreadsheet.
MSC/LAMINATE MODELER	31925	Add ply book generation.
MSC/LAMINATE MODELER	31926	Add import of arbitrary Layup files.
MSC/LS-DYNA3D Preference	24524	Invalid discrete beam property entry when only compulsory fields entered.
MSC/LS-DYNA3D Preference	25211	Failure to generate a *MAT_RIGID card for rigid materials.
MSC/LS-DYNA3D Preference	28202	Spring element materials written incorrectly.
MSC/LS-DYNA3D Preference	30933	Rod element written as beam and wrong thickness of integrated beam.
MSC/LS-DYNA3D Preference	31075	LS-DYNA3D and PAMCRASH input file readers fail on AIX.
MSC/LS-DYNA3D Preference	31652	Extra blank entry written for some *CONTACT options.
MSC/LS-DYNA3D Preference	31653	PART entry is written with wrong field width.
MSC/LS-DYNA3D Preference	32212	LS-DYNA3D Preference on Windows NT.
MSC/LS-DYNA3D Preference	32500	Results reader on NT.
MARC Preference	23564	Unable to process stress results for 6-noded wedge.
MARC Preference	29393	Support CONTACT TABLE.

Product	CSR ID	Description
MSC/NASTRAN Preference	24269	Support of .xdb as a result format file.
MSC/NASTRAN Preference	26084	Input file reader unable to offset large ID entities correctly.
MSC/NASTRAN Preference	27732	Incorrect label for New Shape shape optimization result type.
MSC/NASTRAN Preference	27813	CHAN PBARL beam sections created, should warn user not recommended.
MSC/NASTRAN Preference	28598	Coupled advection on a curve tube produces a negative convective coefficient.
MSC/NASTRAN Preference	28854	Incorrectly writing OUTPUT entry for p-element analysis.
MSC/NASTRAN Preference	29550	File/Import/MSC/Nastran Input only filters *.bdf*.
MSC/NASTRAN Preference	29712	Unable to postprocess MPCFORCES with OP2; XDB works.
MSC/NASTRAN Preference	29771	Unable to see Assign/Prioritize titles more than 12 characters long.
MSC/NASTRAN Preference	29967	CONV entry in reverse order for coupled convection.
MSC/NASTRAN Preference	30079	Explicit MPC fails on NT during input file creation.
MSC/NASTRAN Preference	30146	Duplicate element IDs created in thermal analysis.
MSC/NASTRAN Preference	30228	Mislabelled strain output.
MSC/NASTRAN Preference	30269	Bar element results incorrectly labelled.
MSC/NASTRAN Preference	30285	Incorrect inonlinear input file with initial temperature.
MSC/NASTRAN Preference	30297	Incorrect syntax in TEMPP1 entry.
MSC/NASTRAN Preference	30311	"XDB Only", GPSTRESS(PLOT)=1 should not be written.
MSC/NASTRAN Preference	30332	Unable to import UNIX input files on NT, missing CR/LF.
MSC/NASTRAN Preference	30389	Unable to import results for models with large number of p-elements.
MSC/NASTRAN Preference	30396	Invalid input file generated when thermal loads present.
MSC/NASTRAN Preference	30408	Warning message about step name choosing Analysis Preference in reopened database.
MSC/NASTRAN Preference	30434	Forms not updating after change from Structural to Thermal preference.

Product	CSR ID	Description
MSC/NASTRAN Preference	30461	Writing input file fails on NT.
MSC/NASTRAN Preference	30463	Reading an op2 file fails on NT.
MSC/NASTRAN Preference	30485	Nastran Input File Import Summary spreadsheet incorrect after failed import.
MSC/NASTRAN Preference	30524	Incorrect mass properties for bar elements in thermal analysis.
MSC/NASTRAN Preference	30598	Unable to import input file due to missing run-time libraries.
MSC/NASTRAN Preference	30674	PBEAM entries not completely written to input file - SOL 101,SOL 105.
MSC/NASTRAN Preference	30758	Direct text input incorrectly written for RESTART.
MSC/NASTRAN Preference	30819	Tools/Model Variable/Design Study fails in converted database.
MSC/NASTRAN Preference	30979	FEM/Transform/Translate fails after import of thermal input file.
MSC/NASTRAN Preference	30991	MSC/NASTRAN Iterative Solver selection support.
MSC/NASTRAN Preference	31168	Incorrect time-varying pressure load entries after load set modification.
MSC/NASTRAN Preference	31183	Encoded LBC IDs generate incorrect loading conditions; no warning.
MSC/NASTRAN Preference	31205	Deleting an XDB file results case fails.
MSC/NASTRAN Preference	31288	Min Sig Figures button on Translation Parameters Form is undocumented.
MSC/NASTRAN Preference	31291	Incorrect values in Results/Create/Graph/YvsX using "Coordinate" for X axis.
MSC/NASTRAN Preference	31435	Shell fiber distance definition different between NASTRAN and PATRAN.
MSC/NASTRAN Preference	31551	Unable to display beam sections on BAR3 and BAR4 Elements.
MSC/NASTRAN Preference	31569	Warping nodal IDs not used by translator.
MSC/NASTRAN Preference	31577	res_utl_extract routines hang when accessing results from xdb file.
MSC/NASTRAN Preference	31607	Nodes always output in reference coordinate system regardless of setting.
MSC/NASTRAN Preference	31667	Include entries do not work.
MSC/NASTRAN Preference	31843	Different result plots created between op2 file and xdb file.

Product	CSR ID	Description
MSC/NASTRAN Preference	31867	Including non-existent input file fails without message.
MSC/NASTRAN Preference	32043	Marker plot of beam rotational forces has incorrect direction.
MSC/NASTRAN Preference	32184	Unable to pick material from listbox when defining axisymmetric properties.
MSC/NASTRAN Preference	32312	Centroidal results do not match f06 when centroid and node results imported.
MSC/NASTRAN Preference	32366	Open database with attached XDB fails.
MSC/NASTRAN Preference	32518	MAT5 continuation entry missing; volumetric heating as a function of temp.
MSC/NASTRAN Preference	32536	G1Z,G2Z MAT8 values set to zero after being read; should be blank.
MSC/NASTRAN Preference	32539	Unable to plot stress contours from xdb results.
MSC/NASTRAN Preference	< 32667	RFORCE entry not imported
MSC/NASTRAN Preference	32859	Invalid CID transformation in report file using multiple result cases.
Neutral access	30894	Missing IGES license message issued while exporting neutral file.
MSC/PAMCRASH Preference	23975	Typo in Output Requests Form, "Internal Energy/Material".
MSC/PAMCRASH Preference	32347	Support Windows NT platform.
MSC/PATRAN	7890	Geometry/Edit/Surface/Edge Match multiple points on surface fails.
MSC/PATRAN	8513	Node databox label for FEM/Create/Element/Edit/Bar/Bari/PWL is misleading.
MSC/PATRAN	9112	Confusing message when Plot Contours are attempted on geometry.
MSC/PATRAN	11281	Element Properties/Input Properties form enhancements.
MSC/PATRAN	12904	Loading user-defined materials produces traceback.
MSC/PATRAN	13289	Display beam offsets graphically.
MSC/PATRAN	13345	Display normal direction vectors of a patch.
MSC/PATRAN	18232	Unclear documentation for str_token() argument.
MSC/PATRAN	18565	Coordinate frame does not unhighlight after property creation.

Product	CSR ID	Description
MSC/PATRAN	18914	Show/Isotropic/Tabular Input Option databoxes overwrite themselves.
MSC/PATRAN	19894	Tet Mesher fails to mesh a solid part.
MSC/PATRAN	20304	Spectrum bar refreshes many times after neutral file import.
MSC/PATRAN	20315	Constitutive model was not found in Material Selector database.
MSC/PATRAN	20758	Certain types of markers/highlights not erased by broom icon (reset graphics).
MSC/PATRAN	20915	Postscript output from Insight fails on IBM.
MSC/PATRAN	21365	Bending moment diagram incorrectly drawn in beam plot.
MSC/PATRAN	21594	UNDO after mesh, equivalence, and renumbering fails.
MSC/PATRAN	21875	Memory allocation error creating deformed plot.
MSC/PATRAN	22012	Unable to find intersection between two curves.
MSC/PATRAN	22020	Element Properties/Show/Display unable to retain selected method.
MSC/PATRAN	22104	Model image lost after inadvertent selection of Insight.
MSC/PATRAN	22120	Unable to delete laminates with names longer than 32 characters.
MSC/PATRAN	22249	Unable to display beam sections after modifying calculated values.
MSC/PATRAN	22405	Pressures applied to solids are not correctly associated to FEM.
MSC/PATRAN	22447	Unable to select circular edge with centroid picking enabled.
MSC/PATRAN	22499	Display Entity Color/Label/Render form Apply moves slide ruler to top.
MSC/PATRAN	22964	Poor performance using 1:# with large IDs (for p-elements).
MSC/PATRAN	23219	Insufficient error messages when multiple ENDDATA entries are present.
MSC/PATRAN	23391	Too much vertical whitespace on Element Properties/Show/Table sub-form.
MSC/PATRAN	23416	Group/Modify/Rename fails when filter contains no groups.
MSC/PATRAN	23674	Small beam section property in 2-D display hangs.

Product	CSR ID	Description
MSC/PATRAN	23682	Posted group not shaded until another rendering is performed.
MSC/PATRAN	23691	Unable to display/modify more than 50 points.
MSC/PATRAN	23799	Mass properties calc done twice with region set to "Both" FEM and geometry.
MSC/PATRAN	23811	Unable to create Tet10 mesh on Parasolid geometry.
MSC/PATRAN	23987	Display/Entity Color form has small width until Apply is hit.
MSC/PATRAN	24007	Coord Frame does not stay highlighted when other entity is selected first.
MSC/PATRAN	24026	Create/Curve/Involute/Radii fails when choosing a Point List in an axis.
MSC/PATRAN	24098	Coordinate frames duplicated and scaled during Group/Transform/Scale.
MSC/PATRAN	24207	Light Source Icon display does not work, fix or remove the toggle.
MSC/PATRAN	24391	Enable selection of FEM edges to create a chained curve.
MSC/PATRAN	24466	Enable creation of geometry from FEM.
MSC/PATRAN	24643	Unknown fatal sweep failure when sweeping elements.
MSC/PATRAN	24923	Select menu generates incorrect syntax in popup mode only.
MSC/PATRAN	24990	Unable to display a reversed chained curve while editing.
MSC/PATRAN	25039	Intersection problems in Parasolid geometry.
MSC/PATRAN	25054	Loads/BCs assigned to geometry not evaluated to FEM depending on tolerance.
MSC/PATRAN	25057	Unuseful messages generated by ARIES tet-mesher.
MSC/PATRAN	25102	Show/Point/Distance/Surface is incorrect.
MSC/PATRAN	25106	Hybrid Mesher fails with unknown fatal error.
MSC/PATRAN	25173	Incorrect message importing a UG part twice using different methods.
MSC/PATRAN	25207	Poor performance with Display/Geometry/Chordal Tolerance.
MSC/PATRAN	25516	Poor performance when deleting shaded meshes on geometry.

Product	CSR ID	Description
MSC/PATRAN	26135	PCL Customization, mth_sort() documentation change.
MSC/PATRAN	26209	Damaged database after compact with insufficient disk space.
MSC/PATRAN	26288	Model center icon pans the model to one side.
MSC/PATRAN	26426	Tri mesh cleanup creates bad topology.
MSC/PATRAN	26446	PCL Customization, p3pclcomp documentation change.
MSC/PATRAN	26715	Non-uniform parametrization on generated tessellated surface.
MSC/PATRAN	26718	Create coordinate system from current view.
MSC/PATRAN	26722	Project points onto curves.
MSC/PATRAN	26834	Unable to read ESE results from output2 file if only output in file.
MSC/PATRAN	27220	Display of shaded/tessellated trimmed surface is incorrect.
MSC/PATRAN	27615	Drag select incorrectly selects surface edge in LBC application region.
MSC/PATRAN	27640	Loads applied to geometry cannot be checked using FEM/Show/Element/Attributes.
MSC/PATRAN	27922	Beam Library Write to Report Button issues message to open new file.
MSC/PATRAN	28167	Flashing/flickering occurs using cycle picking form in xterm display.
MSC/PATRAN	28498	Incorrect rotation of points using local coordinate frame.
MSC/PATRAN	28514	Triple “default_Fringe:” title below spectrum.
MSC/PATRAN	28590	Load Case name display is unreadable for long names.
MSC/PATRAN	28636	hardtoprint script should use lp -c option for SGI.
MSC/PATRAN	28647	Printing to a CGM file, the lines and text option have color problem.
MSC/PATRAN	28651	Angles returned in radians, not degrees, in PCL equation.
MSC/PATRAN	28711	Insight on NT fails.
MSC/PATRAN	28874	Group Transformation documentation misleading.

Product	CSR ID	Description
MSC/PATRAN	28896	Persistent_memory error in the database during Group/Post.
MSC/PATRAN	28945	Temporary erase is not working when cycle picking form is active.
MSC/PATRAN	28964	Tool to improve Tet Mesh Jacobian evaluation.
MSC/PATRAN	29097	Error during custom installation of Patran Core to make InterBase links.
MSC/PATRAN	29159	Create/Surface/Edge/Manifold fails.
MSC/PATRAN	29177	Tessellated surface does not have vertex at specified node.
MSC/PATRAN	29192	Modify Mesh Seed messages unclear.
MSC/PATRAN	29198	Help unavailable for PCL function db_create_sub_case.
MSC/PATRAN	29208	Incorrect Tet16 shape function derivatives.
MSC/PATRAN	29236	Poor performance with FEM smoothing.
MSC/PATRAN	29271	FEM/Sweep/Element/Loft fails when starting/ending lists contain all elements.
MSC/PATRAN	29285	IGES export file has bad surface after reimport.
MSC/PATRAN	29288	Break of UG solid accessed via Parasolid with plane fails.
MSC/PATRAN	29289	Missing curves after Group Transform of meshed Express-Imported UG surfaces.
MSC/PATRAN	29292	Tetmesher failure attempting to use tripave/iso-paver combo seeded faces.
MSC/PATRAN	29295	Blue heartbeat after Geometry/Associate/Point.
MSC/PATRAN	29298	msetup expands all *.gz and *.tar files in installation tree.
MSC/PATRAN	29299	SGI hardware rendering leaves traces of forms on screen.
MSC/PATRAN	29323	PCL Reference; ugi_query_iges(), ugi_query_iges_v2(), document mod.
MSC/PATRAN	29351	Poor performance with FEM/Modify/Quad/Split.
MSC/PATRAN	29379	Paste of text with middle mouse button fails.
MSC/PATRAN	29546	Bad Jacobians in higher order Tet elements.
MSC/PATRAN	29596	Tet Mesher creates unassociated nodes.
MSC/PATRAN	29637	Add the MSC_LICENSE_FILE value to any license message.

Product	CSR ID	Description
MSC/PATRAN	29656	Message refers to PATRAN 3 instead of MSC/PATRAN.
MSC/PATRAN	29666	Break of CATIA solid with 2 surfaces fails.
MSC/PATRAN	29693	Group contents not updated after modify quad split.
MSC/PATRAN	29709	Aries mesher has memory leaks.
MSC/PATRAN	29749	Labels for fields are not displayed if a vector is the marker.
MSC/PATRAN	29814	Documentation for Field name length of 32 is incorrect, should be 31.
MSC/PATRAN	29854	Properties/Show/Thickness displays incorrect value for laminate.
MSC/PATRAN	29866	Surface created with two surface option for a bspline is incorrect.
MSC/PATRAN	29868	Create/Surface/Trimmed fails with small surface area.
MSC/PATRAN	29927	Incorrect bar element area in Mass Properties display.
MSC/PATRAN	29938	ISO mesher creates bad quad elements on surfaces with chained PWL curves.
MSC/PATRAN	29995	Poor performance in database access on NT.
MSC/PATRAN	30032	Incorrect analysis step after modifying loadcase name.
MSC/PATRAN	30033	Geometry/Create/Surface/Edge fails.
MSC/PATRAN	30039	Incorrect numbering of planes and vectors.
MSC/PATRAN	30110	Running on head of Digital with HX8 graphics board fails.
MSC/PATRAN	30123	Prefs/Picking/Enclose Entire Entity fails to pick coordinate system.
MSC/PATRAN	30148	/usr/InterBase directory has incorrect protection on Digital.
MSC/PATRAN	30155	PCL functions with STATIC variables fail.
MSC/PATRAN	30164	Unable to raise cycle picking form if it is already there and hidden.
MSC/PATRAN	30188	Unable to access online help(F1) for FEM/Verify/Geoemtry Fit.
MSC/PATRAN	30192	Invalid beam cross sections created.
MSC/PATRAN	30210	List create boolean a-b fails when result is null on NT.

Product	CSR ID	Description
MSC/PATRAN	30211	Traceback issued selecting a demo results load case.
MSC/PATRAN	30223	p3toolbar.def, p3epilog.pcl, other files not found in home directory on NT.
MSC/PATRAN	30233	Change function called sstr_to_logical to str_to_logical in documentation.
MSC/PATRAN	30236	Free Memory error creating a surface on a manifold.
MSC/PATRAN	30241	No graphics repaint after posting groups.
MSC/PATRAN	30243	Remove Preview Mesh capability.
MSC/PATRAN	30262	Create/Curve/Intersect/Plane-Surface incorrect on UG solid.
MSC/PATRAN	30272	Create/Surface/Edge/4Edge/Manifold fails on trimmed surface.
MSC/PATRAN	30275	Direct Results Access of grid point results and stress discontinuities.
MSC/PATRAN	30280	rpcd is not included on NT delivery.
MSC/PATRAN	30318	Direct Results Access of model data.
MSC/PATRAN	30342	Poor performance to Delete Elements/Nodes.
MSC/PATRAN	30348	Poor performance in Group/Transform/Delete Original Members, Use Original IDs.
MSC/PATRAN	30350	Axis labels for Results/Graph have no physical meaning.
MSC/PATRAN	30355	Incorrect documentation for support of p25 unformatted results.
MSC/PATRAN	30360	Mesh seed incorrectly propagated to other edges in mesh path.
MSC/PATRAN	30366	Nodes incorrectly assigned to unassociated solid faces.
MSC/PATRAN	30369	Invalid results returned from res_data_get_csys_mat_elem.
MSC/PATRAN	30385	Composite surface tool does not use selected vertices.
MSC/PATRAN	30388	No response during attempt to erase MSC/NASTRAN P-Element mesh.
MSC/PATRAN	30401	Import of two databases changes the material property of beams.
MSC/PATRAN	30436	Breaking any Parasolid with a plane fails.
MSC/PATRAN	30452	Limitations in curvature based mesh seeding.

Product	CSR ID	Description
MSC/PATRAN	30455	Incorrect high order derivatives in surface evaluator.
MSC/PATRAN	30464	Points, area, and distance calculation routines needed.
MSC/PATRAN	30472	Multiple MATS1 entries for nonlinear analysis are not allowed.
MSC/PATRAN	30512	Unable to use keyboard to move through the listbox in property form.
MSC/PATRAN	30536	Incorrect Show/Curve/Arc radius.
MSC/PATRAN	30556	sgm_db_modify_entity label breaks db_get_max_<entity>_label.
MSC/PATRAN	30557	Poor performance in Group/Delete/Associated Members.
MSC/PATRAN	30561	Unable to project chained curve.
MSC/PATRAN	30577	Session file with results not upward compatible.
MSC/PATRAN	30586	Geometry/Create/Surface/Glide input options incorrectly documented.
MSC/PATRAN	30602	Enhance Plot/Erase form for ease-of-use.
MSC/PATRAN	30607	Unable to Tetmesh blue solid from P2.5 neutral file.
MSC/PATRAN	30609	Unevaluated PCL expressions in databoxes not captured in session file.
MSC/PATRAN	30611	Unable to create continuous spat'l FEM field from other than default_viewport.
MSC/PATRAN	30628	Unable to change label style when posting properties or LBC markers.
MSC/PATRAN	30659	Preference/Picking/Show Picking Icons is not documented.
MSC/PATRAN	30689	Poor performance deleting original mesh while sweeping.
MSC/PATRAN	30692	STARBASE:Element edges “stitched” in fringe plot in hardware mode.
MSC/PATRAN	30715	Node labels on deformed plot are incorrect (internal ids).
MSC/PATRAN	30718	Display/identify LBC names in Load Case form.
MSC/PATRAN	30737	DB import fails.
MSC/PATRAN	30744	phelp command has improper permissions when installed.

Product	CSR ID	Description
MSC/PATRAN	30753	RES_UTL routines do not support 2D tensor invariant derivations.
MSC/PATRAN	30764	DB Import issues fatal message if displacement BC's are applied to geometry.
MSC/PATRAN	30773	db_get_maximum_id("EL", status) fails.
MSC/PATRAN	30780	Box region pick at startup is incorrect.
MSC/PATRAN	30785	Curve/Create/Project/Surface incorrect.
MSC/PATRAN	30789	Failure associating elements to a surface.
MSC/PATRAN	30803	Unexpected node numbering on model.
MSC/PATRAN	30840	Online Help (F1) for Display/Entity Color, Create/Mesh Seed/PCL Function fails.
MSC/PATRAN	30853	IGES Import fails if file name exceeds 72 characters.
MSC/PATRAN	30860	Spectrum color is not displayed when a "continuous" fringe is used.
MSC/PATRAN	30871	Invalid messages importing a Neutral File.
MSC/PATRAN	30873	OpenGL - Posting all groups fails.
MSC/PATRAN	30909	"Auto Fit View" and "Auto Center".
MSC/PATRAN	30911	PCL Reference; Obsolete function; uil_app_results.animate_func().
MSC/PATRAN	30943	Add Results Metadata layer for RDCS.
MSC/PATRAN	30950	Poor performance in deleting points, curves, surfaces, solids.
MSC/PATRAN	30960	PCL Reference; Obsolete ga_anno functions.
MSC/PATRAN	30962	PCL Reference; Obsolete function; ga_viewport_view_reset().
MSC/PATRAN	30967	Verify/Element/Geometry Fit on solid elements fails.
MSC/PATRAN	30975	Function to write to the analysis direct text input form.
MSC/PATRAN	30978	Unable to mesh solids selected as a group; individual selection works.
MSC/PATRAN	31008	list_create_elem_att_fringe fails.
MSC/PATRAN	31052	Failure to open converted V6.2 database into V7.5 on NT.
MSC/PATRAN	31056	Verify/Tet/Collapse spectrum range is incorrect.

Product	CSR ID	Description
MSC/PATRAN	31060	Display lines incorrect if outer boundary ends fall exactly on flow line.
MSC/PATRAN	31074	Attempt to open database after closing another fails.
MSC/PATRAN	31099	db_get_default_anal_type() does not work.
MSC/PATRAN	31100	Update scale factor in fringe plot updates range but not legend.
MSC/PATRAN	31107	Poor performance in software graphics manipulation tensor plot.
MSC/PATRAN	31112	Geometry/Create/Point/Extract fails in Parasolid evaluator.
MSC/PATRAN	31116	Unable to display beam sections using field for height, width.
MSC/PATRAN	31142	Invalid external materials in custom preference element properties.
MSC/PATRAN	31165	Rectangle picking stops working with zoom on HP.
MSC/PATRAN	31175	Graphics incorrectly updating using groups.
MSC/PATRAN	31184	Deleting elems 1:# fails and produces memory error.
MSC/PATRAN	31212	Poor performance for solids using double aligned surface types.
MSC/PATRAN	31217	Glided surface evaluation failure.
MSC/PATRAN	31239	Mesh seeds unevenly spaced; nonuniform parameterization.
MSC/PATRAN	31241	test_files subset missing from installation on NT.
MSC/PATRAN	31295	Unable to create Hex64 elements by selecting nodes.
MSC/PATRAN	31314	PCL Reference; PCL Develop; PCL Customization; String Length of 32.
MSC/PATRAN	31315	Global variable is incorrectly sorted in graph for post buckling analysis.
MSC/PATRAN	31346	res_utl_extract_path_results utility yielding questionable results.
MSC/PATRAN	31347	LBC Regioning enhancement: 3D element face query via free-face normals.
MSC/PATRAN	31372	Free faces of solids plotted incorrectly if shrink is turned on.
MSC/PATRAN	31414	Vector product not always correct.

Product	CSR ID	Description
MSC/PATRAN	31421	Node labels are incorrect after quickplot.
MSC/PATRAN	31438	Display/Geometry/Parametric Directions shows too many directions.
MSC/PATRAN	31450	Quick help under Insight has a broken link.
MSC/PATRAN	31466	Incorrect message in Modify/Element/Type/Tet.
MSC/PATRAN	31474	Node coordinates fail to function properly when card format is set to “Small”.
MSC/PATRAN	31486	Vector project of point to plane on SGI not processing <1 0 0> correctly.
MSC/PATRAN	31493	Hostname incorrect after executing license.dat setup.
MSC/PATRAN	31500	Plot Options button missing in Create/Result/PCL.
MSC/PATRAN	31509	Poor performance deleting midside nodes after deleting converted tet10 mesh.
MSC/PATRAN	31510	Reformatting the label style for LBC Plot Markers.
MSC/PATRAN	31521	Volume and mass have double values.
MSC/PATRAN	31529	Geometry/Associate/Point selectmenu filter by point types.
MSC/PATRAN	31531	Inaccuracy creating a curve from intersection of 2 surfaces.
MSC/PATRAN	31536	Cycle picking menu fails with no active database.
MSC/PATRAN	31542	Discrepancies between .XDB and .OP2 results for frequency response.
MSC/PATRAN	31543	Input data form not properly reset after modifying Tabular Spatial field.
MSC/PATRAN	31548	Unable to access all data fields for nonstructural mass with any beam section.
MSC/PATRAN	31560	No ellipsis on Field/Create/Spatial/PCL “Create Variable” button.
MSC/PATRAN	31566	Distributed loads on beam not properly displayed.
MSC/PATRAN	31570	Beam section display not updated after nodal analysis coordinate change.
MSC/PATRAN	31580	Unable to change label format of Loads/BCs.
MSC/PATRAN	31596	Poor performance in Group Transform for real life models.

Product	CSR ID	Description
MSC/PATRAN	31610	Display of normals to the surface incorrect for some parasolid geometry.
MSC/PATRAN	31612	MDC curve fails to project correctly onto plane.
MSC/PATRAN	31616	Cycle picking menu not displayed under FEM/Modify/Node and FEM/Show/Node.
MSC/PATRAN	31617	Select menu not available for FEM/Cre-ate/Mesh Seed curve options.
MSC/PATRAN	31638	UG V13 Parasolid import fails.
MSC/PATRAN	31640	Create plane by selecting a point and vector.
MSC/PATRAN	31663	Create/Mesh Seed/Tabular/Node-Point produces inaccurate error message.
MSC/PATRAN	31666	Group Transform fails after DB Import.
MSC/PATRAN	31675	MDA: Tabular mesh seeding fails to recognize points.
MSC/PATRAN	31691	Neutral file path gets truncated if greater than 100 characters.
MSC/PATRAN	31734	Create/Surface/Curve/N-Curves fails for more than 100 curves.
MSC/PATRAN	31735	Random failures using double precision (tesselated, CATIA) surfaces.
MSC/PATRAN	31748	Writing report file into non-existing directory fails on NT.
MSC/PATRAN	31753	Unable to mesh CATIA solid with sliver surface.
MSC/PATRAN	31793	Replace diameter with diamond in gm_draw_marker() function documentation.
MSC/PATRAN	31825	Poor performance in Verify/Element/Normals with guiding element.
MSC/PATRAN	31837	Association of elements to solid fails.
MSC/PATRAN	31894	Incorrect documentation in PCL Part 9, Page 4-89; change On/Off to True/False.
MSC/PATRAN	31895	Deformation Plot Scale Factor ineffective for model-relative, nodal targets.
MSC/PATRAN	31917	DP Oxygen 402 32MB V2.8 graphics board fails.
MSC/PATRAN	31922	PCL Customization; Dynamic Data Type consistent documentation.
MSC/PATRAN	31923	PCL Customization; Chapter title modifications.
MSC/PATRAN	31941	Picking preferences working incorrectly if “pick_rectpoly” is not in settings.

Product	CSR ID	Description
MSC/PATRAN	31964	PCL tracebacks selecting certain sequences of element properties.
MSC/PATRAN	31969	Not all nodes are associated when associating elements to solids.
MSC/PATRAN	31974	Create/Point/Project/Define Vector form does not correctly refresh.
MSC/PATRAN	32004	Evaluator errors for surfaces of revolution and extruded surfaces.
MSC/PATRAN	32056	PCL Reference; volume_label(); volume_color(); documentation modification.
MSC/PATRAN	32060	PCL error when first making graph vs. path length and then fringe plot.
MSC/PATRAN	32063	Incorrect scaling when converting units or applying scaling.
MSC/PATRAN	32064	Incorrect Parasolid surface normal.
MSC/PATRAN	32105	Neutral file export of selected groups fails.
MSC/PATRAN	32124	Create/Marker/Tensor fails transformation into material frame.
MSC/PATRAN	32158	XYPLOT incorrectly written to CGM.
MSC/PATRAN	32160	Surface mesh smoother inconsistent on internal edges.
MSC/PATRAN	32190	Create/Surface/Edge on manifold surface fails on NT.
MSC/PATRAN	32200	Create/Curve/Arc3point radius is incorrect, Edit/Curve/Extend--> huge circle.
MSC/PATRAN	32209	Reports not generated with filtering on.
MSC/PATRAN	32227	Incorrect surface area on surface extracted from Parasolid face.
MSC/PATRAN	32233	Tetmesher fails when meshing a cylinder.
MSC/PATRAN	32235	Poor message when transforming Parasolid solids in unsupported version.
MSC/PATRAN	32249	fem_u_get_free_faces() documentation does not state size of output arrays.
MSC/PATRAN	32256	OpenGL - Continuous spectrum does not work.
MSC/PATRAN	32262	Create/Marker/Vector scale factor exceeds largest integer.
MSC/PATRAN	32322	MemAlloc error while sewing surfaces.
MSC/PATRAN	32367	ProE solid surface mesh failure.

Product	CSR ID	Description
MSC/PATRAN	32368	Default animation style (2D) is ghosted; default should be 3D.
MSC/PATRAN	32416	Create/Curve/2dArc2Pt/Project to plane toggle default off.
MSC/PATRAN	32439	Vertex picking randomly selects wrong vertex.
MSC/PATRAN	32440	Calling res_utl_get_result_info on IBM fails.
MSC/PATRAN	32498	Mesh seeds on edges of UG geometry out of sequence.
MSC/PATRAN	32506	Deleting meshes on Parasolid solid faces fails.
MSC/PATRAN	32513	Picking surface during Geometry/Edit/Surface/Refit fails.
MSC/PATRAN	32524	Transient animation of vector, tensor; vector sizes are not scaled.
MSC/PATRAN	32529	Access to Parasolid solid 1.1 fails.
MSC/PATRAN	32567	Problem with import of a degenerated CATIA surface.
MSC/PATRAN	32589	Projecting solid edges fails.
MSC/PATRAN	32648	Erased FEM reappears when deleting the element property.
MSC/PATRAN	32668	TetMesher fails on broken blue solids.
MSC/PATRAN	32681	Unable to correctly transform points located on axis of cylindrical CS.
MSC/PATRAN	32699	Geometry/Create/Curve/Project/Define Vector listboxes unavailable.
MSC/PATRAN	32772	Creating manifold geometry fails.
MSC/PATRAN	32775	Problems making PCL function fields with back quoted expressions.
MSC/PATRAN	32787	PCL tracebacks occur deleting a Derived Results Load Case.
MSC/PATRAN	32847	Large values in the Freebody spreadsheet.
MSC/PATRAN	32862	Freebody displays the force and moment resultants when moments only requested.
MSC/PATRAN	32866	Tied 3D mesh creates MPC with coefficient sum != 1.0 on tri faces.
MSC/PATRAN	32896	Large memory leak in list_create_point_ass_geo.pcl; causes failure.
MSC/PATRAN THERMAL	26137	Support new LBC options.
MSC/PATRAN THERMAL	28678	Duplicate time outputs occur.

Product	CSR ID	Description
MSC/PATRAN THERMAL	29369	LBC scale factor used as multiplier for template-id.
MSC/PATRAN THERMAL	30143	Incorrect temperature mapping tri elements.
MSC/PATRAN THERMAL	30592	Incorrect MID printed for radiation resistors on SGI.
MSC/PATRAN THERMAL	30720	Invalid node couplings with gap boundary conditions.
Pro/ENGINEER access	30333	Import of ProE geo file with many edges fails.
Pro/ENGINEER access	30534	ProE script contains reference to /patran/patran3; should be /msc/patran.
Pro/ENGINEER access	31049	ProE import fails with part names longer than 28 characters.
MSC/SAMCEF Preference	29954	Old contact not supported.
MSC/SAMCEF Preference	31265	Support Relative Contact LBC.
Unigraphics access	31169	Reading in large UG file on NT fails.
Unigraphics access	31208	Unable to import XMT file if first attempt was unsuccessful.
Unigraphics access	31283	Reading in large UG part files fails.
Unigraphics access	31701	Unable to import UG V13 files.
Unigraphics access	32865	Create/Curve/Project to Plane behaves erratically with imported UG part.
Unigraphics access	32904	Aborting an XMT import damages the database.

Outstanding Software Defects

We strive to deliver the highest possible quality and functionality in a rapidly changing environment. Therefore, we want to make you aware of any outstanding software defects at the time of product delivery. We have included a list of outstanding software defects for Version 8 on the delivery media in:

`/defects/v8_current_error_list.text`

