



Patch Release Notes

T7.2 Release

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Release 7.2	03/2022	Full distribution of T7.2
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PATCH INFORMATION

Patch 7.2.01	12/04/22	T7.201 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3326	Seismic	Fix: Improve fault auto-tracking warning message re meshing parameters
3327	GeoServer	Fix: Triangle deletion on fault or horizon surfaces invalidates attribute mapping
3328	APPL	Fix: Creating a grid navigation from a BGL volume can incorrectly set the first Z value
3329	APPL	Fix: Incorrect min/max amplitude reporting in Seismic Access Definition amplitude histogram
3330	License System	Fix: Windows FlexLM vendor daemon causes "inconsistent authentication code" error
3331	TT TransGen	Fix: CFR connectivity plugin editor crash when editing graph

Patch 7.2.02	04/05/22	T7.202 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3332	GeoServer	Fix: Changing active 3D stress scenario does not clear previous borehole stress data
3333	VE/Interpret	Add: Implement "add node" method for fault segments
3334	License System	Fix: License system update
3335	FaultED	Fix: Applying a FaultED display or contour method can cause a crash

Patch 7.2.03	27/05/22	T7.203 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3336	Petrel Link	Fix: Surface display method export to Petrel now includes transparency
3337	VE/Interpret	Fix: Double clicking a seismic volume in the Volume Editor tree can cause a crash

3338	VE/Interpret	Fix: Fault auto-tracker does not clear segment references after fail due to mesh params
3339	Att-Calc	Fix: Switching task from Cell-Grid to Cell-Fault can cause a crash
3342	VE/BaseMap	Fix: Missing MB3 popup menu icons for some section-load options
3343	VE/Interpret	Fix: Error with the PEAK filter seismic processing option
3344	TXM	Fix: Incorrect fault & horizon fracture/formation stability attribute names
3345	VE/Interpret	Add: Context menu items to toggle surface intersections on a per-probe basis
3346	Petrel Link	Fix: Discrete fracture attribute export to Petrel can result in incorrect attributes

Patch 7.2.04	20/07/22	T7.204 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3347	VE/Seismic	Fix: 3D fault autotracker does not auto-select loaded seismic volume
3348	TXM	Fix: Attcalc attributes not being auto-computed when required by display methods
3349	DBTREE	Fix: Object managers allow invalid object names to be entered
3350	FACIT Module	Change colouring convention on displacement profiles from fault to horizon
3351	VE/Surface	Improved handling of fault auto-throw tracking controls
3352	T7-System	Fix: Disabling startup option 'Intelligent window placement' has no effect on Windows MKS
3353	T7-System	T7 Windows launcher now displays warning if control menu is created offscreen
3354	TT-TransGen	Fix: DRAG & FZONE plugins not functioning
3355	TT-TransGen	Fix: Batch editor not functioning with version 7.2 plugins
3359	Volume Editor	Fix: VE Map view window starts up requiring a view reset

Patch 7.2.05	13/09/22	T7.205 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3339	AttCalc	Fix: Switching task from Cell-Grid to Cell-Fault can cause a crash
3360	VE/EarthGrid	Fix: MLBS and NN interpolation methods don't output correct values when using geometric upscaling

3362	VE/Surface	Fix: Empty Horizon Data Volumes cause slow polygon sync on Windows MKS
3363	T7-System	Fix: Intelligent window placement can fail to operate on Windows MKS
3364	VE/Seismic	Fix: Section/Surface intersections all unload if a single fault or horizon is unloaded
3368	Database	Fix: Seismic Access Definition amplitude range reversal can get out of step with colour-bar
3369	VE/Seismic	Fix: Shared memory shown incorrectly in Volume load dialog
3370	T7-System	Fix: Selecting in the T7 console on Windows MKS can hang the control menu
3371	VE/EarthGrid	Fix: Update for CUDA runtime
3372	G2D	Fix: 2D Graph drawing can cause crash during drawing on windows

Patch 7.2.06	21/09/22	T7.206 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3363	T7-System	Fix: Intelligent window placement can fail to operate on Windows MKS
3373	ECLIPSE I/O	Fix: ECLIPSE loader will flip supplied COORD Y values if no MAPAXES supplied
3374	ASCII-IO	ASCII file I/O efficiency improvements for Windows
3379	VE/EarthGrid	Improve CPG cell volume calculation
3380	VE/EarthGrid	Cell grid performance improvements
3381	Petrel Link	Fix: Importing a grid definition can cause a crash

Patch 7.2.10	31/10/22	T7.210 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
	T7-System	In addition to the specific items below and numerous general improvements, this patch introduces several major new enhancements. Users should refer to the 7.210 New Features PDF in "<T7_HOME>/docs/updates/7.210" for details.
3382	FaultED	Fix: Strain and stress attributes calculate as zero when "Perform pre-model restoration" is enabled
3384	EarthGrid	Fix: CPG stair-step grid creation improvements
3385	ECLIPSE I/O	Add: ECLIPSE null values for eclipse attribute import
3386	EarthGrid	Fix: Bugs affecting SIS property modelling that cause errors/crashes.
3387	T7-(Windows)	Fix: Lowercase "nutcroot" env variable can prevent Windows MKS T7 from starting

Patch 7.2.11	08/11/22	T7.211 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3388	DB-Explorer	Time-Depth conversion scenario: well profile now brings up time-depth curve editor on double click
3389	Well Editor	Fix: Radio button cannot always be selected on Windows MKS
3390	VE/Surface	Fix: Stress attributes computed incorrectly for single well stress scenarios
3391	AttCalc	Fix: User defined attributes fail to build on Windows MKS

Patch 7.2.12	24/11/22	T7.212 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3392	Proj Backup	Fix: Choosing 'Seismic Files' explicitly in project backup dialog does not include ZGY volumes/links
3393	TrapTester	Fix: Crash dialog can fail to appear for certain types of fatal errors
3394	Volume Editor	Fix: Display methods in the Volume Editor tree do not update when attributes are regenerated

3395	ASCII I/O	Fix: User defined attributes fail to build on Windows MKS
3397	Volume Editor	Fix: Generating Stress-related attributes can cause crash if surfaces are not present
3398	Volume Editor	Fix: Rotation is incorrectly allowed in Section viewers when Petrel input mode is enabled
3399	Volume Editor	Fix: Session Manager selection does not function on Linux
3400	Triangle-Direct	Fix: Attribute Definitions not filtered to show only relevant type
3401	VE/Interpret	Fix: Horizon flattening fails to act on seismic data when structure colour-fill enabled
3405	FASIT	Fix: Fault-Stats global data ASCII file-reading error

Patch 7.2.13	12/12/22	T7.213 Patch release (Linux/Windows)	
<i>Bug Fixes/Enhancements</i>			
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>	
3406	DB-Explorer	Fix: Attribute histograms are sometimes drawn without x-axis	
3407	Volume Editor	Fix: Contours do not retain hide-state when restoring session	
3408	Volume Editor	Fix: Object->Unload from the Volume Editor tree menu does not unload all object types	
3410	Petrel Link	Fix: Export tool version combo shows incorrect versions	
3411	Triangle	Fix: Invalid or missing display method can cause Triangle to become unresponsive	
3412	ASCII-I/O	Fix: Closing an object sub-dialog can cause an X-server hang or crash on Linux	
3413	APPL	Fix: Pressing Apply in Project Parameters Editor can cause a crash in DB-Explorer	
3414	VE/Interpret	Fix: ZGY-based volumes may fail to load when restoring sessions	
3415	DB-Explorer	Fix: Multiple select in table-based object managers can incorrectly include filtered items	
3416	Xphoto	Fix: Screen capture stability improvements on Windows MKS	
3419	Volume Editor	Fix: Context menus on Windows MKS can occasionally cause window stacking order issues	

Patch 7.2.14	24/01/23	T7.214 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3421	VE/Interpret	Add: Support structure colour-fill for box probes
3423	VE/Model&Map	Fix: Additional items incorrectly selected in Seismic Slicer when launching from Volume Editor
3424	DB-Explorer	Fix: Creating standard attributes for a cellular model can cause a crash
3425	AttCalc	Fix: Attcalc copy-to attributes do not pick up the attribute min/max values
3426	T7-System	Add: AVX processor feature detection added to Help->About dialog in Control Menu
3427	VE/Interpret	Fix: Planar probes in volume fill mode fail to render correctly with clipbox enabled
3428	VE/Interpret	Add: Support use of horizon & fault surface intersects for section structure-fill
3429	VE/Geomodel	Add: Improvement bundle for static reservoir model
3430	VE/Interpret	Fix: Improve handing of horizon-primary/marker-type switching
3431	T7-System	Fix: Improve floating-point compare function efficiency
3432	VE/Interpret	Fix: Section module session upgrade error for vertical sections
3433	T7-System	Fix: missing shared library dependance (Linux-only: crash in histogram plot)

Patch 7.2.15	15/02/23	T7.215 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3435	CDA	Fix: CDA Texture objects not functioning properly for cell-faults
3436	VE/GeoModel	Add: Static reservoir modelling: fluid type and block code definition now handle stair-step faults
3437	Petrel Link	Fix: Invalid pick depth locations can cause a crash when importing from Petrel
3438	Volume Editor	Fix: Renaming or changing an object's color does not update tree representation
3439	VE/TXM	Add: Improvement bundle for Display Method Editor & Display Method Filters
3440	BGL Vol Crt	Add: optimisations for Windows OS.
3441	VE/Mode&Map	Add: Improvements to FSRF split process

3442	BGL Vol Mgr	Fix: Editing a ZGY link causes the OriginY to be incorrectly set as OriginX
3445	Attrib Export	Fix: Export failure for Cell-Faults & ED-Elements
3446	Triangle	Fix: Dragging VShale Log in split log view incorrectly affects VShale cutoff

Patch 7.2.16	27/02/23	T7.216 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

ID No.	MODULE:	DESCRIPTION
3448	APPL	Fix: Attempting to create or view FaultED element-run lists results in an error
3449	FaultED	Add: Fracture network creation enabled for FaultED S1,S2,S3, E1,E2,E3 planes
3451	FaultED	Add: Principal stress attribs for Fault,Horizon,Frac-Net. plus stress attribs for FaultED
3455	Petrel Link	Fix: Geomodel horizon cross reference table created with too few entries
3456	T7-System	Add: Extend units to support pounds/gal as new density unit
3457	Database	Fix: DB Upgrade corrections for Stress Scenario table update
3458	Database	Fix: Poly-Line-Set SHAPE storage issues for cases with zero-point entries
3459	AG	Fix: Amplitude Histogram window crashes when pointer moved over

Patch 7.2.17	04/05/23	T7.217 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

ID No.	MODULE:	DESCRIPTION
3460	BGL Vol Manager	Fix: Attempting to export a ZGY volume (not link) fails with an error
3461	BGL Vol Capture	Add: Image-based 3D seismic access extended to report volume geometry
3462	VE/GeoModel	Fix: Incorrect FW/HW cell refs in cell-fault tri-mesh
3463	VE/GeoModel	Fix: Cell-fault attributes with NANs when triangles have zero area
3464	Watt-Calc	Fix: Remove 2GB file size handling restriction on Windows
3466	Watt-Calc	Fix: Allow watt-calc horizon-pick-scope to operate between well-top and well- base
3467	Petrel Link	Fix: Importing a shape containing a single point segment fails with an error
3468	VE/GeoModel	Fix: SGS search options not available as they should be.
3469	VE/GeoModel	Fix: Azimuth field having no affect on SGS models

3470	T7-System	Fix: Improve patch instructions in Control menu About dialog
3471	Petrel Link	Fix: Exporting a gamma-ray log to pre-7.210 T7 causes an error
3472	APPL	Fix: Unit conversion and other bugs in time/depth curve editor
3473	VE/Model&Map	Fix: Rare crash when loading wells
3474	Volume Editor	Fix: Style Editor tabstack can render incorrectly
3475	DB-Explorer	Fix: Computing project extents does not include the X parameter for well trajectories
3476	FACIT Module	Add: New option to colour throw-length plot points by fault colour.
3477	Volume Editor	Fix: 'Remove camera' default hotkey changed from X to Backspace

Patch 7.2.18	28/07/23	T7.218 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3478	APPL	Fix: Deleting a list containing thousands of items is too slow
3479	Att-Calc	Fix: Improve warnings during user-defined attribute code generation
3480	GeoServer	Fix: Occasional null values at base of curve-mapped Vsh intervals
3481	Petrel Link	Fix: Exporting a survey to T7 fails if seismic is not also transferred
3482	VE/Seismic	Fix: Improved sensitivity when moving/resizing box probe faces interactively
3483	Volume Editor	Fix: Creating shortcut with Shift+Alt causes a crash under TurboVNC
3484	VE/Seismic	Fix: Corendered probes can appear incorrectly transparent

Patch 7.2.19	11/10/23	T7.219 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3485	APPL	Fix: Double-clicking an object dropdown combo box does not display the object editor dialog
3488	Att-Calc	Fix: Error running attcalc macros that use attributes with different storage and native types
3489	Petrel Link	Fix: Petrel/T7 well import occasionally omits setting XY project extents
3490	LAS Import	Fix: Occasional crash when importing LAS files

3491	GeoServer	Fix: Improve FaultED element surface upgrade and type handling
3492	Triangle	Fix: Incorrect CO2 threshold capillary pressure default parameter values
3493	Slicer	Fix: Slicer fails silently if surface is not up-to-date with raw data
3494	CDA	Fix: WattCalc - bug in dependency check system
3497	APPL	Fix: Potential crash when reordering horizon stratigraphy in Database Explorer horizon manager
3498	VE/FaultED	Fix: Occasional crash during faulted model build
3499	T7-System	Fix: Update installation Windows curl.exe to latest 8.4.0