



Patch Release Notes

T7.1 Release

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Release 7.1	07/2019	Full distribution of T7.1
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PATCH INFORMATION

Patch 7.1.01	20/08/19	T7.101 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3100	EarthGrid	Fix: Property modelling attribute model list not updating on calculation tab on attribute selection.
3102	FaultED	Fix: Default FaultED styles referring to non-existent display methods
3110	Surface	Fix: Volume Editor crash when generating fracture network attributes
3111	DB-Explorer	Fix: FaultED attribute export entries missing from Database Explorer menu
3112	FaultED	Fix: Add FaultED-Scenario options to out-date ED elements & model run data
3113	Volume Editor	Fix: Messages dialog button layout incorrect
3114	T7 System	Fix: Incorrect FlexLM binaries distributed for Windows MKS

Patch 7.1.02	04/10/19	T7.102 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3115	EarthGrid	Fix: Corner Point Grid: layer to well pick snapping can cause serious distortions in the grid
3116	T7-System	Fix: Backup/restore errors are not output on Windows MKS
3117	EarthGrid	Fix: Property Modelling QC: infrequent issue with upscaling QC plots in property modelling toolkit
3118	DB-Explorer	Fix: Stress Scenario UI flips back to BHST selection tab when changing plot component in graphics tab
3121	Surface	Fix: Gauss curvature display method references invalid attribute
3122	DB-Explorer	Fix: BHST-Editor fails to see newly created BHST object when BHST created from STSC editor on Windows MKS
3123	T7 System	Add additional tri-mesh Z extraction in HRZUTIL to obtain 2nd intersect for reverse structure
3124	Seismic	Fix: Crash whilst using planar probes
3126	EarthGrid	Fix: Borehole Stress Editor: error in depth axis labelling when "TVDSS" is principal label

Patch 7.1.03	11/11/19	T7.103 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
2841	T7-System	Fix: Occasional flicker during repaint with advanced graphics enabled on Windows MKS
3119-E	Petrel Link	Support export of surface display methods to Petrel
3121	Surface	Fix: Gauss curvature display method references invalid attribute
3129	T7-System	Fix: DB upgrade of T7.0x stress fields to T7.1 stress scenarios incorrectly converts SHmax azimuth
3130	Volume Editor	Add object double-click option to shortcut system
3131	Surface	Fix: Horizon gridding: the kriging option fails to produce gridded surfaces.
3132	T7-System	Fix: T7 transfer tools & Borehole Stress Editor not shown correctly in Process Manager
3133	DB-Explorer	Fix: Attribute texture maps fail to show creation date
3134	T7-System	Show graphics information in help about
3135-E	T7-System	Automatic use of NVIDIA card on switchable graphics
3136	3D-Stress	Fix: Borehole Stress Editor: crash when changing well (when no well picks)
3137	3D-Stress	Fix: Borehole Stress Editor: crash when displaying well-log-data (when no well picks)
3138	3D-Stress	Fix: Borehole Stress Editor: copy well log data can result in NULL value at last point
3139-E	T7-System	Better crash reporting
3140-E	T7-System	Badley website, Twitter & Youtube links available on Help menu

Patch 7.1.04	02/12/19	T7.104 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3119-E	Petrel Link	Support export of surface display methods to Petrel
3135-E	T7-System	Automatic use of NVIDIA card on switchable graphics
3141	Petrel Link	Fix: Filtering display method selections can display spurious errors
3142	Petrel Link	Fix: T7 to T7 transfer of surface trimesh can fail with an error
3143	DB-Explorer	Fix: Text in tree can disappear after viewing a Stress Scenario

3144	T2D-Converter	Fix: T-2-D converter does not list linked seismic volumes
3145	BGL Vol Manager	Fix: No prevention to rename/move a linked volume - which breaks the link!
3146-E	ASCII I/O	Add option to disable point-set creation in ASCII (GoCad) Tsurf Import
3147	3D-Stress	Fix: BHS: display issue when deleting one of many attributes for a given well and attribute definition.
3149-E	3D-Stress	BHS: Add mechanical stratigraphy calc method to borehole stress editor
3151	EarthGrid	Fix: Property Modelling: layer-based modelling using vertical wells can cause artefacts.
3152	T7-System	Added system validation checks to T7 importers and exporters

Patch 7.1.05	19/02/20	T7.105 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3153	EarthGrid	Fix: Seismic extraction tool: ineffectual settings (both sampling and statistical modes).
3154	DB-Explorer	Fix: TXMP editor window fails to show graph for CPG attributes
3155	EarthGrid	Fix: Creation of horizon data from CPG layers not functioning correctly for top of last layer
3156	ECLIPSE I/O	Fix: Improve ECLIPSE Export for use with PETREL
3158	T7-System	Fix: "Illegal variable name" warning on T7 MKS startup
3159	Surface	Fix: Picking arb-lines or shapes using pseudo-well symbols can result in erroneous vertices
3160	Seismic	Fix: Loading a section with "Unload last" rule enabled can cause a crash
3161	Volume Editor	Fix: rare crash when interacting with viewers
3163	T7-System	Fix: "ipcs: Command not found" warning on Windows MKS
3164	Volume Editor	Fix: Volume Editor viewer colour bars do not update to selection if not visible
3165	Seismic	Fix: rare crash opening Data Manager with multiple viewers
3167	DB-Explorer	Fix: DB-Explorer object activation/deactivation does not propagate to other DB-Explorer windows
3168	Surface	Fix: Volume Editor: standard well log viewer colour bar does not display
3169	Petrel Link	Fix: Scenario support when exporting fault-surface display methods to Petrel
3170	Surface	Fix: Volume Editor: horizon Z data tree item missing when "Solid fill" style set

Patch 7.1.06	21/04/20	T7.106 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3110	Surface	Fix: Volume Editor crash when generating fracture network attributes
3171	T7-System	Fix: Added Windows OS information to crashreport log
3172	DB-Explorer	Fix: Crash when viewing horizon cross-ref with >99 entries
3173	Surface	Fix: Occasional crash during displacement backstripping with branchlines
3174	Volume Editor	Fix: Crash when using Stress Scenario with fracture networks
3175	Well Editor	Fix: Copy and paste between tracks becomes unpredictable after several clipboard operations.
3176	T7-System	Fix: Allow FAP_LICENSE_FILE to be specified as a system environment variable
3179	Petrel Link	Fix: Cellular attribute alias not set correctly
3180	Petrel Link	Fix: BGL volumes now created in little-endian format for improved performance
3181	ECLIPSE I/O	Fix: J-Flip option not applied to exported transmissibility data
3182	Triangle	Fix: Display pick name for unassigned horizon picks
3183	Petrel Link	Fix: Allow cellular model transfer in TIME projects
3184	T7-System	Fix: Open source MSYS Unix emulation can conflict with T7 MKS
3185	BGL Vol Manager	Fix: Allow rename of linked seismic volumes

Patch 7.1.10	02/06/20	T7.110 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 7.110 New Features PDF in "<T7_HOME>/docs/updates/7.110" for details.
3177	Petrel Link	Fix: User defined attributes omitted from cellular model attribute list
3186-E	APPL	Add "Add to list" option in CDAXList
3187-E	T2D-Converter	Extend TD converter to include task-based attributes in target project
3188	CDA	Fix: DB-Explorer Crash when viewing a log curve & editing same log curve in Well-Editor
3189	Volume Editor	Fix: Crash with time-slice loaded when survey deactivated in DB-Explorer.

3190	CDA	Fix: Offset utility not applying offset to CPG pillars
3191	GeoServer	Fix: Crash when computing stress attributes on selected faults/horizons

Patch 7.1.11	16/07/20	T7.111 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3192	Volume Editor	Fix: Closing an external viewer whilst Volume Editor is initializing can cause a crash
3193	Patch System	Fix: Windows MKS patcher now checks to ensure T7 not running prior to patching
3194-E	Slicer	Add interpolation method to allow slicer to operate with discrete seismic volumes
3196	T7-System	Fix: An application crash can leave a locked file preventing relaunch
3197	Seismic	Fix: Increased refresh speed for load volume representation in vlerwer
3198	Seismic	Fix: Switching probes in Probe Controller does not update volume render comboboxes
3199	DB-Explorer	Fix: Error shown when attempting to create a list in Database Explorer
3200	Surface	Fix: Function to set style z-range sets the z-range text values but these are not applied
3201-E	DB-Explorer	New option to select tree items according to content of existing list
3202	Surface	Fix: Attempting to unload a volume that is currently loading can cause a hang
3203-E	BGL Vol Manager	Improve Seismic Access creation option in BGL Volume Manager
3204	IDB	Fix: Polygon-set & polyline-set shapes not updated when project offsets are changed
3205	APPL	Fix: APPL Object-List find tool fails to notify application when selecting all matching items
3206	Triangle	Fix: Triangle Direct "Add Project Path" option fails if no paths defined
3207-E	Project Manager	Project directory permissions added to output from Project Manager Info command
3208-E	APPL	UI improvements to Stress Scenario Editor
3209	GeoServer	Fix: Occasional crash when modelling reverse fault structures
3210	Volume Editor	Fix: Improved selection system fails to select all objects during box select

Patch 7.1.12	14/08/20	T7.112 Patch release (Linux/Windows)
<i>Bug Fixes/Enhancements</i>		
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3211-E	GeoServer	Add new attribute for Fault & Horizon to represent time/depth converted Z
3212-E	T7-System	Z unit domain no longer represented in UI - now defers to TWT or DEPTH domain
3215	Volume Editor	Fix: Context menu can be obscured by Windows taskbar
3216	T7 System	Fix: T7->T7 cellular model transfer always creates standard attributes
3217	Surface	Fix: Generating fault attributes can cause occasional crash
3218	Volume Editor	Fix: Crash when starting Volume Editor with a velocity volume specified in Project Parameters
3219	BGL Vol Manager	Fix: 2D header editor toggle-button malfunctioning for Z-interval setting