



Patch Release Notes

T7.3 Release

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Release 7.3	02/2024	Full distribution of T7.3
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Patch 7.3.01	25/03/24	T7.301 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3521	VE/Model&Map	Add: Support viewer colour bar editing for horizon z-range mapping
3522	VE/Model&Map	Add: Ability to save horizon 1D z-range texturemaps in VE session
3524	VE/Interpret	Add: Allow line and timeslice section transparency to be set
3525	T7-System	Fix: Sidebar control text fields no longer grab focus on mouse-over
3526	Offset Tool	Add: Support for Wells and 2D/3D survey nav in the Data Offset utility
3527	TXM	Fix: Crash in AttCalc when saving with no expression text
3528	APPL	Fix: Unable to change pick name in well horizon pick table
3529	Petrel Link	Fix: Stair-step fault transfer from T7 to T7 fails
3531	VE/Model&Map	Fix: Editing well attribute definition can cause a crash
3532	VE/FaultED	Add: New option to convert ED field lines to shapes
3533	APPL	Fix: Vector field editor magnitude text format does not adhere to units display precision
3534	APPL	Fix: Textfield unit control incorrectly resets cursor position to beginning of field
3535	VE/Main	Add: Ability to save viewer contents as a PNG with isometric scaling option
3536	DBTree	Fix: Occasional error when opening Database Explorer after objects have been deleted
3537	VE/Main	Add: Tree expansion state is now preserved in session
3538	VE/Model&Map	Add: Extra control for well horizon pick style to allow spherical representation
3539	VE/Main	Fix: Closing a viewer during session load can cause a crash
3542	VE/Main	Fix: Problem with contour representation in viewer tree
3543	VE/FaultED	Add: New FaultED attributes & display methods for S1,S2,S3 azimuths
3544	Volume Manager	Fix: BGL 3D seismic volume creation fails if bgl3d project folder does not exist

Patch 7.3.02	30/04/24	T7.302 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3545	T7-System	Fix: Incorrect T7 installation library distributed on Windows MKS
3546	VE/Model&Map	Fix: Chosen well curve/zonal attribute in tree not preserved between sessions
3547	VE/Interpret	Fix: Section horizon interpretation hidden state not preserved in session
3548	VE/Interpret	Fix: Spurious 'failed to remove dir' warning when exiting Volume Editor without saving session
3550	Volume Editor	Fix: 'Select display method' popup list scrolls to last item incorrectly
3552	Volume Editor	Fix: Closing a secondary viewer can cause a crash if cameras have been added
3553	Volume Editor	Add: Include cameras when merging sessions
3554	T7-System	Fix: Histogram UI failed to correctly set title
3555	T7-System	Fix: Rare crash when accessing volume geometry
3556	VE/Model&Map	Fix: Unable to hide well data on newly created viewer
3559	TXM	Fix: FaultED present day stress attributes incorrect license dependency

Patch 7.3.03	20/05/24	T7.303 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3563	BGL3D Volumes	Fix: memory leak during seismic/attribute volume open.
3564	VE/FaultED	Fix: FaultED element run for BEM case incorrectly re-enabled after horizon de/re-activation
3565	T7-System	Fix: Auto detection of X-display number on Windows MKS

Patch 7.3.04	30/05/24	T7.304 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3566	T7-System	Fix: Remove spurious warning at console during startup when version cannot be checked
3567	T7-System	Add: Add display string to graphics information in Help About
3568	T7-System	Fix: Minor error in diagnostics when T7 on Windows MKS fails to start
3569	T7-System	Add: Add signed executables for Windows MKS platform

Patch 7.3.10	22/07/24	T7.310 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 7.310 New Features PDF in "<T7_HOME>/docs/updates/7.310" for details.
3570	VE/Interpret	Fix: T7 to StructureSolver seismic offset wrong when 3D survey is larger than volume
3571	Petrel Link	Fix: Petrel seismic import can create access definition with incorrect colormap
3577	CDA	Fix: Incorrect tests for GNAV/SIAC geometry comparison
3578	T7-System	Add: Visual warning on Windows MKS when screen resolution or configuration changes
3582	CDA	Fix: Fault segment bind operation can result in segments with zero points.
3583	T7-System	Add: Update to latest OpenSSL 3.3.1

Patch 7.3.11	17/09/24	T7.311 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3584	Docs	Fix: Documentation corrections for 7.310 patch
3588	AttCalc	Fix: Attcalc crash when running a Triangle macro
3589	T7-System	Fix: Spurious empty file named "1" created in project directory upon project open
3590	VE/Interpret	Fix: AI Fault Tool: New AILM dialog not properly populated
3594	VE/FaultED	Fix: FaultED crash for when horizon observation surface or observation grid is NULL
3595	VE/Interpret	Fix: AI Fault Tool: the info. dialog on selecting a survey is misleading
3596	VE/Interpret	Fix: AI Fault Tool: user interface and volume data management improvements
3598	VE/FaultED	Fix: ED Display Methods: K-Shape, K-Magnitude, Volume Change refer to old colourmap names
3599	VE/Interpret	Fix: Probe mouse wheel operations do not honour probe controller increment settings
3600	VE/Interpret	Fix: Resizing a probe using the mouse wheel can cause visual issues when probe controller is foreground
3601	VE/Main	Add: New UI option in VE top-bar to collapse/expand the main viewer control tabs
3602	VE/Interpret	Fix: Crash when exporting 2D section data from T7 to SS
3603	VE/FaultED	Fix: Crash when generating FaultED horizon attributes on trimesh sourced from Petrel
3604	VE/Main	Fix: Opening a session can result in the wrong viewer mouse cursor when Petrel/DSG controls enabled
3605	VE/Interpret	Fix: Planar probe loses vertical orientation when 'lock to vertical' is enabled
3606	Volume Manager	Fix: BGL 2D/3D merge fails with incorrect error detection
3607	VE/Interpret	Fix: Suppress Basemap section indicators for probe interpretation sections
3608	VE/Interpret	Add: New style option to disable orientation guide-line when manipulating planar probes
3609	VE/Main	Fix: Rare crash when launching Movie Maker
3610	Triangle	Fix: Rare crash after creating new session
3612	VE/Interpret	Fix: Planar probe can fail to fill to volume extents during interaction
3613	VE/Interpret	Fix: Cursor flickers when interacting with planar probes
3614	T7-System	Fix: Update to latest OpenSSL 3.3.2 for Windows
3615	VE/BaseMap	Fix: Basemap section indicator annotation shows after indicators disabled in style
3616	DBTREE	Fix: Manager table column settings not preserved correctly
3617	GeoServer	Fix: Mem leak in polygon strat consistency checks

Patch 7.3.12		24/10/24	T7.312 Patch release (Linux/Windows)
Bug Fixes/Enhancements			
ID No.	MODULE:	DESCRIPTION	
3618	VE/Interpret	Fix: Labels fail to re-appear after manipulating planar probe	
3619	VE/Geomodel	Fix: Secondary attribute dampener to remove possible numerical artefacts during cokriging.	
3620	VE/Geomodel	Add: Support for 2D survey data in seismic extraction tool.	
3621	DB-Explorer	Fix: Fault copy fails to copy surface texturemap attributes	
3626	VE/Model&Map	Fix: Horizon raw data object-specific style state not being honored.	
3627	Offset Utility	Fix: Using offset tool for wells with Horizon/Fault picks would result in incorrect MD values	
3628	VE/Model&Map	Fix: Hiding well using the object tree leaves trajectory label visible	
3629	T7-System	Fix: MB1 occasionally stuck after cancelling popup-menu	
3630	VE/Model&Map	Fix: Auto Fault Extraction fails if fault name prefix > 26 chars	
3634	VE/Model&Map	Fix: Auto Fault Extraction completion popup can be hidden and locks VE until closed.	
3635	T7-System	Fix: Incorrect file permission setting for openFAPS script in P7.311	
3637	VE/Interpret	Fix: Planar probes render seismic incorrectly for ZGY volumes specified in feet	
3639	VE/Interpret	Fix: Sections loaded using volume 'cache for sections' option can render incorrectly	
3640	T7-System	Upd: Update cURL root certificate file for patching system	

Patch 7.3.13		28/11/24	T7.313 Patch release (Linux/Windows)
Bug Fixes/Enhancements			
ID No.	MODULE:	DESCRIPTION	
3640	T7-System	Upd: Update cURL root certificate file for patching system	
3641	VE/Model&Map	Fix: Center-line objects are not visible in secondary Volume Editor viewers	
3642	Fault-Stats	Add: Can now change colour per curve in displacement profile plots	
3643	VE/Model&Map	Add: Extend fault surface auto-remodelling system to act on mods to fault meshing params	
3644	ASCII I/O	Fix: Importing GOCAD file containing PATOM keyword can cause a crash	
3649	Volume Editor	Fix: Deleting last session does not remove session from Session Manager list	

3650	VE/Model&Map	Fix: Isochore surface sync can crash if horizon surfaces are not generated
3651	WattCalc	Fix: Well Attribute Calculator macros do not build on Windows if they use math functions
3654	SEG-Y Loader	Fix: SEG-Y Loader - saved format files not made available for immediate selection
3655	TD-Conversion	Fix: Velocity Volume creation can crash under certain conditions
3656	VE/Interpret	Fix: Resizing a box probe dimension to 1 unit can cause rendering and other issues

Patch 7.3.14	16/01/25	T7.314 Patch release (Linux/Windows)
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Bug Fixes/Enhancements

<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3640	T7-System	Upd: Update cURL root certificate file for patching system
3657	CDA	Fix: Assignment of Displacement Modelling Params to a fault can sometimes fail
3658	VE/Interpret	Add: AI fault extraction system improvements (incl. help & docs)
3661	Volume Editor	Add: List selection support for VE loaded data items
3663	APPL	Fix: (Linux) Volume geometry widget has incorrectly enabled increment widgets

Patch 7.3.15	15/04/25	T7.315 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3640	T7-System	Upd: Update cURL root certificate file for patching system
3664	DB-Explorer	Fix: Well pick manager new pick button should only be available under well parent
3665	VE/Seismic	Fix: Co-render main weight value not saved in session
3666	DME	Add: Add new mult-item RGB blending option to Display Method Editor
3670	BOGL	Fix: Object "Fixed" orientation 3D annotation not correctly drawn with vertical exaggeration
3674	APPL	Fix: Adjustment of well top location can cause crash if the well contains fault picks
3675	GeoServer	Fix: Odd contouring effect resulting in isolated hexagonal artefacts
3676	Volume Editor	Fix: Style Editor display method combo-boxes can be slow to populate
3678	T7-System	Upd: Update to latest OpenSSL 3.3.3 for Windows

Patch 7.3.16	24/04/25	T7.316 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
ID No.	MODULE:	DESCRIPTION
3679	Petrel Link	Fix: Truncated import file causes import tool to hang indefinitely
3680	VE/Model&Map	Fix: Unassigned fault plane should be listed first in tree
3681	Volume Editor	Fix: Display method attribute names truncated - causing some methods to malfunction

Patch 7.3.17	20/06/25	T7.317 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3640	T7-System	Upd: Update cURL root certificate file for patching system
3682	Volume Editor	Add: 'Save as PNG' now allows scaling when viewer is in perspective mode
3684	T7-System	Fix: Switch to Windows built-in version of tar utility
3685	T7-System	Fix: On Linux, restoring a Windows backup can fail due to directory permissions
3687	T7-System	Fix: Switch to Windows built-in version of curl utility
3688	Volume Editor	Fix: Add probe and grid face hotkey 'K' as a reserved hotkey
3689	VE/Seismic	Add: Option in probe controller to set planar probe increment when using K+MouseWheel
3690	Petrel Link	Fix: Re-importing a shape from Petrel can cause a crash
3694	GeoServer	Fix: Fault surface synchronisation efficiency improvements
3695	VE/Seismic	Fix: Improved planar probe interaction performance when surface intersections are enabled
3697	VE/Seismic	Fix: Improvements to planar probe manipulation when using the mouse wheel

Patch 7.3.18	03/09/25	T7.318 Patch release (Linux/Windows)
Bug Fixes/Enhancements		
<i>ID No.</i>	<i>MODULE:</i>	<i>DESCRIPTION</i>
3640	T7-System	Upd: Update cURL root certificate file for patching system
3698	T7-System	Add: Allow expansion/collapse of all selected nodes in trees
3699	DB-Explorer	Add: Display segment count and surface, pointset status in faults manager
3700	T7-System	Fix: Restored project fails to open due to incorrect file permissions
3701	VE/Surface	Fix: Toggling horizon data in object tree fails when solid fill is enabled
3702	T7-System	Upd: Update to latest OpenSSL 3.3.4 for Windows