Exchange
Petrosys Group

Exchange v2026.3.1
Release Notes

Scaling Data Exchange Across Workflows

Exchange v2026.3.1

Release Notes Overview

New in Exchange 2026.3.1: Preview the new Exchange user interface, providing a modernized experience for navigating well lists and configuring exchanges. The new UI is available as an optional preview in this release and is planned to become the default interface in a future release.

Exchange v2026.3 Highlights

Exchange v2026.3 expands data exchange capabilities across the subsurface ecosystem, introducing new data type support, enhanced OSDU workflows, deeper integration with Petrel, Aspen, Kingdom and OpenWorks, and usability improvements for working with large and complex datasets.

Key Features and Enhancements

Expanded Data Type Support

New support for fault sticks, grids and 2D seismic data broadens the range of subsurface information that can be transferred through Exchange, enabling more complete interpretation, mapping and data management workflows.

Enhanced OSDU Integration

Support for dynamic input schemas together with selectable ACLs and legal tags provides greater flexibility when exchanging data with OSDU environments while supporting organisational data governance requirements.

Smarter Petrel Workflows

Automatic well log template mapping, improved default output locations and enhanced handling of newly created projects reduce manual configuration and simplify data transfer between Petrel and connected systems.

Extended Platform Connectivity

New support for Aspen seismic interpretation exports, Kingdom well selection lists and OpenWorks well lists further strengthens Exchange's role as a central hub for moving data between industry-standard applications.

Improved Usability and Performance

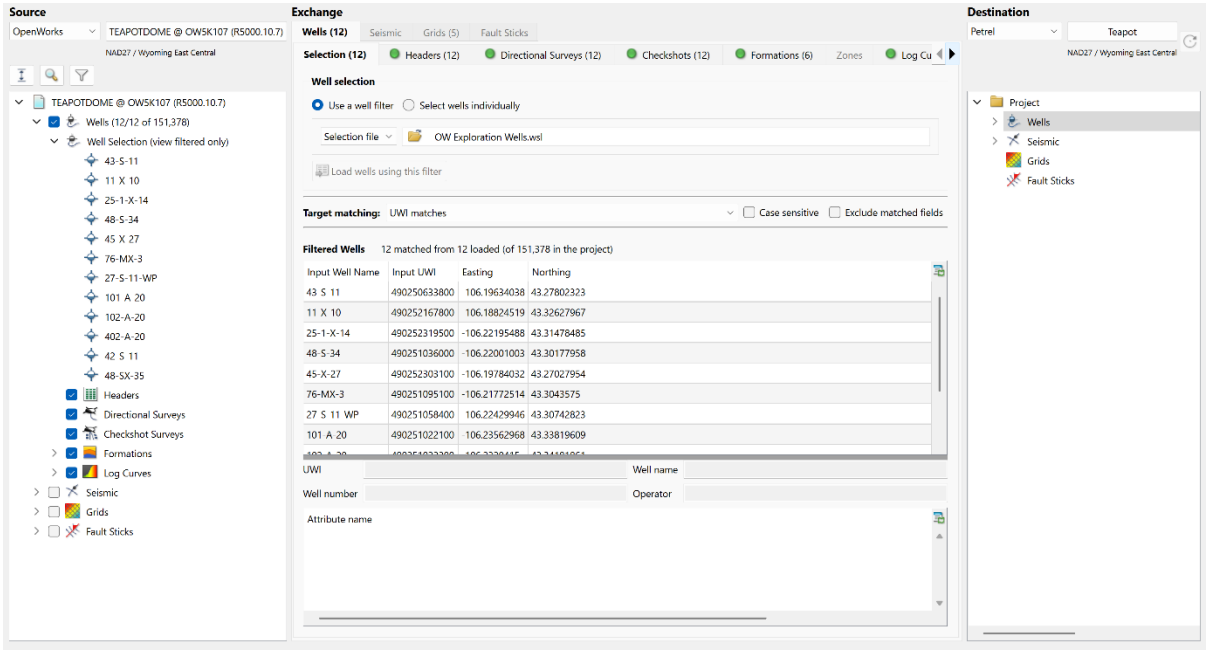
Enhanced multi-column views with sorting and filtering capabilities make it easier to navigate large projects, while performance improvements help streamline day-to-day workflows.

New in Exchange v2026.3.1

New User Experience and Well Workflow Enhancements

Exchange 2026.3.1 introduces a preview of the new Exchange user interface, delivering a more streamlined and responsive experience when configuring exchanges and working with wells. The updated interface includes improved well list handling and filtering, with input trees now displaying only wells matched by run-time selection filters and OpenWorks well lists showing well counts to help users quickly identify the content they need. Customers can explore the new interface today as an optional preview ahead of its planned adoption as the default experience in a future release.

This release also delivers a range of workflow and performance improvements across Exchange. Large well projects benefit from faster well matching and configuration performance, while Petrel workflows are enhanced through selectable output surveys and improved object history recording, making it easier to track the origin and version of exchanged seismic data. Additional customer-requested enhancements and bug fixes continue to strengthen Exchange's role as a reliable platform for moving subsurface data between applications.



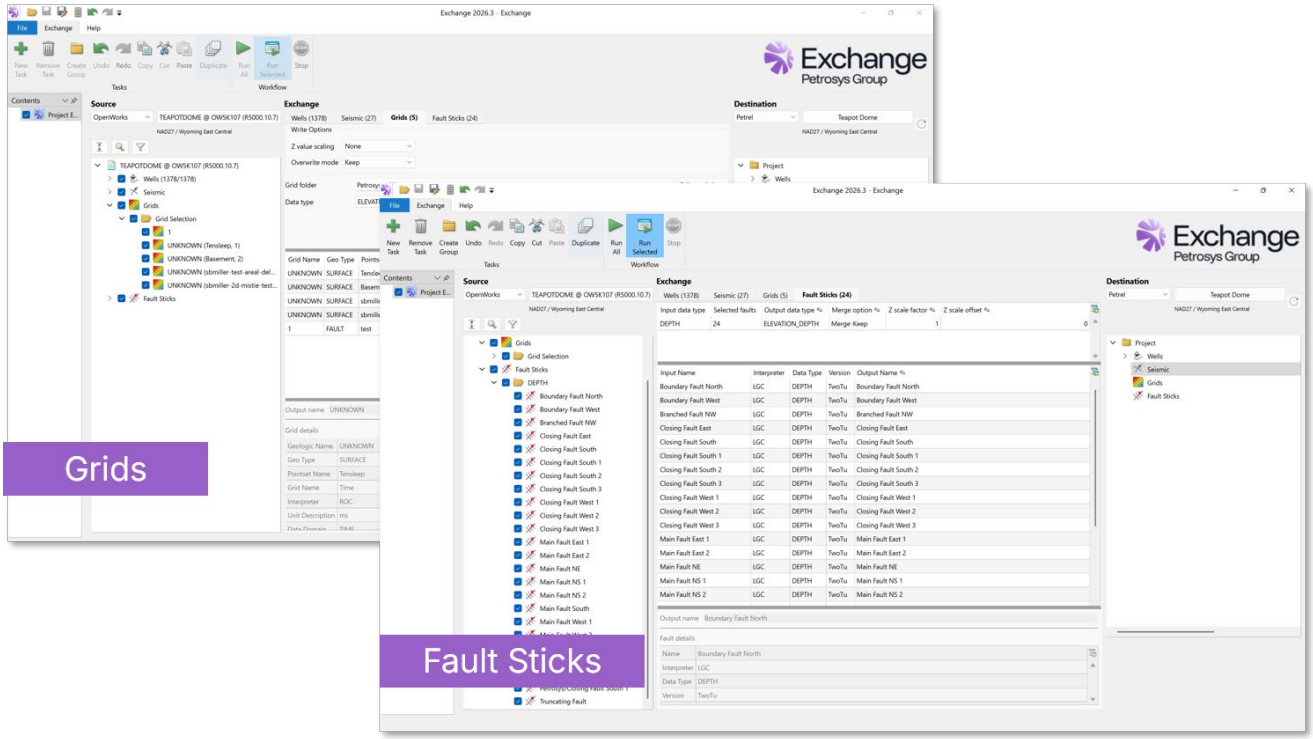
Exchange v2026.3.1 introduces a preview of the next-generation user interface, delivering improved usability and enhanced well list management.

Expanded Feature Details: Exchange v.2026.3

Expanded Data Type Support

Exchange v2026.3 introduces several important additions to its data transfer capabilities, expanding the breadth of subsurface information that can be exchanged between applications.

Support for fault sticks and grids extends Exchange beyond traditional well and seismic workflows, enabling a broader range of interpretation data to move between technical environments. The release also introduces support for 2D seismic data, complementing existing 3D seismic capabilities and providing greater flexibility for organisations working with both legacy and modern seismic datasets.



Enhanced OSDU Integration

This release strengthens Exchange's integration with OSDU-based data platforms.

Support for dynamic input schemas allows Exchange to work more flexibly across different OSDU implementations, while selectable access control lists (ACLs) and legal tags provide greater control over data governance and security requirements during exchange operations.

Smarter Petrel Workflows

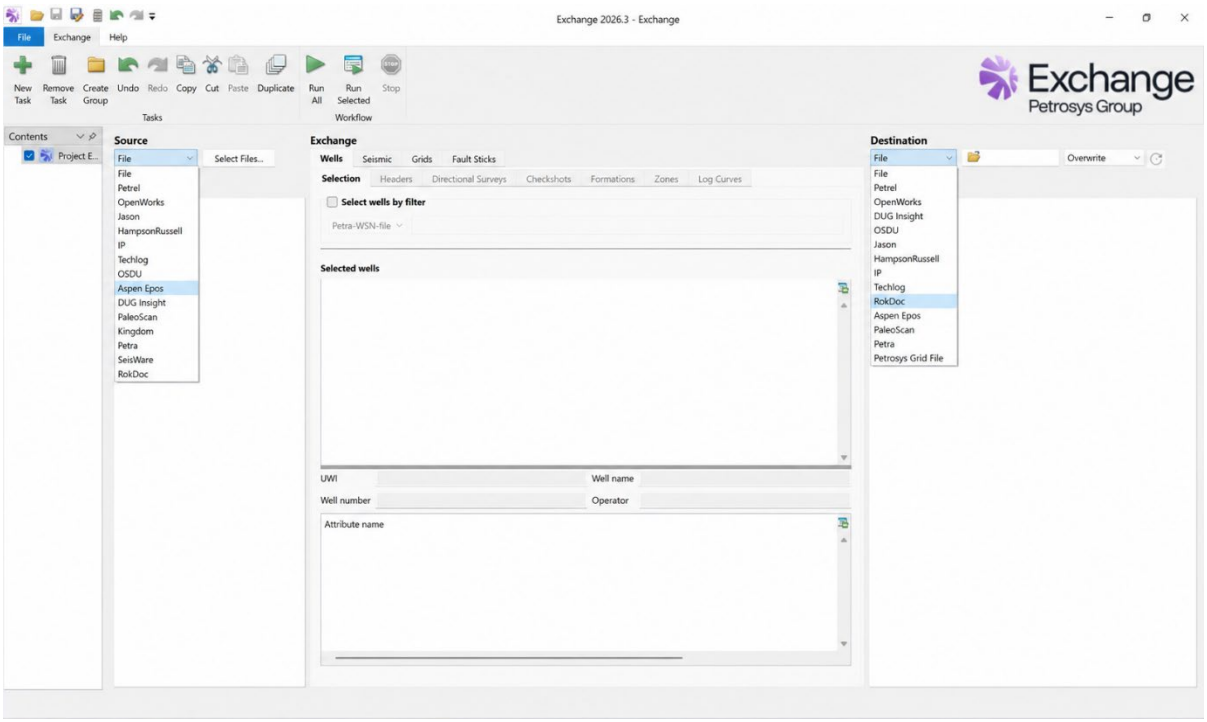
Several enhancements simplify the process of transferring data to and from Petrel.

Automatic mapping of well log curves to existing Petrel templates reduces setup time and improves consistency when loading well data. Improved default output paths align exported data more closely with project structures, while updates to project connectivity provide more reliable access to newly created Petrel projects.

Extended Platform Connectivity

Exchange continues to expand interoperability across the subsurface software landscape.

New support for exporting 3D seismic horizons and interpretations to Aspen extends seismic interpretation workflows, while Kingdom and OpenWorks well list support simplifies the selective transfer of well data between systems. Additional OpenWorks enhancements further strengthen integration with enterprise data management environments.



Improved Usability and Performance

The Exchange user interface has been enhanced to improve efficiency when working with large projects and extensive data catalogues.

Multi-column views now support sorting and filtering, allowing users to locate and manage data more easily. Performance improvements to OpenWorks seismic scanning further reduce processing time and help streamline data exchange operations.

Detailed Release Notes Summary Exchange 2026.3.1

Enhancements

Connections, Import and Export

88187 Exchange - Configuring a workflow is now much faster on projects with very large numbers of wells
88181 Exchange - Wells - Input tree now lists only the wells matched by a run-time selection filter
88205 Exchange - Typing in option fields is now responsive on projects with large numbers of wells
88433 Exchange - Wells - New option to turn off the output well mapping preview for faster setup on large projects
88180 Exchange - Wells - Setting up the well log curve filter is now much faster on large projects

Connections, Import and Export - DecisionSpace and OpenWorks

88166 Exchange - Well lists - Well count now shown when selecting an OpenWorks well list

Connections, Import and Export - Petrel

88210 Exchange - Petrel - Output survey can now be typed or chosen from a list of the destination project's surveys
88167 Exchange - Petrel - Seismic written to Petrel now records the creating product and version in the object history
88430 Exchange - Petrel - Wells can now be grouped by County

5 entries

Detailed Release Notes Summary Exchange 2026.3.1

Bug Fixes

Connections, Import and Export

88245 Exchange - Fixed a crash when changing a wells option after refreshing the output project tree

88342 Exchange - Input file format settings can be edited again in the new inventory layout

88324 Exchange - Wells - Fixed duplicate log curves when the same curve name exists in more than one dictionary or folder

Connections, Import and Export - Kingdom

88146 Exchange - Fixed a crash when a Kingdom input project contains an empty or truncated .tks file

Connections, Import and Export - Petrel

88332 Exchange - Petrel - Log curves are now written into the requested log folder instead of an existing one

Petrosys Release Exchange 2026.3.1

Detailed Release Notes

Connections, Import and Export Enhancements

Exchange - Configuring a workflow is now much faster on projects with very large numbers of wells

88187

Configuring an Exchange workflow against a project with a very large number of wells was slow - each option change or well selection tick re-matched every well, rebuilt the output project tree and repopulated the wells inventory tables, briefly freezing the dialog. These now update incrementally: only the parts of the dialog affected by the change are refreshed, only the affected wells are re-matched, and only the changed rows are updated. Editing options, ticking wells and toggling a data type such as Checkshot Surveys stay responsive on projects with over 100,000 wells.

Exchange - Wells - Input tree now lists only the wells matched by a run-time selection filter

88181

When a run-time well selection filter was applied in Exchange, the input tree still listed every well in the data source and none could be ticked, making it unclear which wells the filter had actually matched. In filter mode the tree now shows only the matching wells. Switching from a run-time filter to a fixed selection also keeps the wells the filter currently matches, so they are available as a starting point to edit by hand.

Exchange - Typing in option fields is now responsive on projects with large numbers of wells

88205

Typing in Exchange option text fields was sluggish on large projects because every keystroke committed the options and triggered a full refresh of the previews. Text edits are now applied when editing finishes - moving focus or pressing Enter - so typing is responsive with the same end result. Pressing Esc discards an in-progress edit, and any pending edit is applied before running or saving the exchange.

Exchange - Wells - New option to turn off the output well mapping preview for faster setup on large projects

88433

Exchange configuration now includes an 'Output well mapping preview' option, at Exchange - /Configuration/Exchange/Wells. It is off by default.

With the preview off, Exchange skips the output well matching preview and the well header preview table while you are setting up the exchange, which makes the interface noticeably more responsive on projects with very large numbers of wells. Turn the option on to see the matching status, target wells and header preview as before. The data actually transferred is the same either way - matching still runs when the exchange is run.

Editing the well folder, grouping or formation and zone target options also no longer refreshes unrelated parts of the dialog.

Exchange - Wells - Setting up the well log curve filter is now much faster on large projects

88180

Setting up the well log curve filter in Exchange was slow on large projects because it re-scanned every well's log curve metadata, which could freeze the dialog for minutes on projects with tens of thousands of wells. The values offered by the filter now come from the data already read for the input, so the list appears immediately. Where a metadata field still needs a scan, the scan covers only the wells the run will process, shows progress, and can be cancelled.

Connections, Import and Export *Bug Fixes*

Exchange - Fixed a crash when changing a wells option after refreshing the output project tree 88245

After running a well exchange and refreshing the output project tree, changing a wells option - for example turning off a depth range restriction - could crash. This has been fixed, and the exchange can be corrected and re-run without restarting.

Exchange - Input file format settings can be edited again in the new inventory layout 88342

In the new Exchange inventory layout, the properties of the input data source itself - for example the SEG-Y, VDS and ZGY file format settings - could not be viewed or edited. They are now shown on their own File format tab, listed first alongside the data type tabs, and appear whenever the selected input format provides them.

Exchange - Wells - Fixed duplicate log curves when the same curve name exists in more than one dictionary or folder 88324

Well log curves could appear duplicated in the Exchange input curve list when a data source holds the same curve name in more than one context - for example two Petrel log folders, or two dbMap logging dictionaries. The duplicated rows also shared a single output curve name, and selections made against them could be lost. Each curve variant is now listed once, identified by its folder or dictionary, and carries its own output name.

Connections, Import and Export - DecisionSpace and OpenWorks *Enhancements*

Exchange - Well lists - Well count now shown when selecting an OpenWorks well list 88166

In Exchange, when transferring wells from OpenWorks, the well list selection dialog (Wells - Select wells by - Selection-list) now shows a Well count column listing how many wells each native OpenWorks well list contains. This makes it easy to see the size of a list before choosing it, without having to open it first. The count shown for the <ALL WELLS> entry is the total number of wells in the project.

Connections, Import and Export - Kingdom *Bug Fixes*

Exchange - Fixed a crash when a Kingdom input project contains an empty or truncated .tks file 88146

Exchange could crash after selecting an output when the Kingdom input project contained an empty or truncated .tks file - reading the seismic reference datum ran past the end of the file. Short or empty .tks files are now detected and the seismic reference datum is treated as missing.

Connections, Import and Export - Petrel *Enhancements*

Exchange - Petrel - Output survey can now be typed or chosen from a list of the destination project's surveys 88210

When exchanging 3D or 2D seismic volumes to Petrel, the Output survey field was overwritten from the output project tree selection, so a typed survey name was repeatedly erased. The field is now a searchable dropdown listing the surveys that already exist in the destination project, in both the options panel and the volume inventory tables. Typing a name that is not in the list still creates that survey when the exchange runs, with the 'Create new survey if not exist' option.

Exchange - Petrel - Seismic written to Petrel now records the creating product and version in the object history 88167

Seismic data written to Petrel with Exchange now records where it came from. When a 2D or 3D seismic survey, or a seismic horizon interpretation, is written to a Petrel project, the created Petrel object's History includes a "Created using <product> <version>" entry in its description - for example, "Created using Petrosys Exchange 2026.4". This makes it easy to see later, from within Petrel, that an object was produced by Petrosys Exchange and which version created it.

Exchange - Petrel - Wells can now be grouped by County 88430

Wells can now be grouped by County when exchanging to Petrel. The Well grouping option on the Exchange well headers panel offers County in addition to Well name and Basin, so wells arrive in the Petrel project organized into county folders.

Connections, Import and Export - Petrel *Bug Fixes*

Exchange - Petrel - Log curves are now written into the requested log folder instead of an existing one 88332

Exchanging well log curves to Petrel into a new log folder created the folder, but the curves were attached to the same-named logs in the existing folder - the new folder stayed empty under each well and the previously exchanged data was overwritten. This has been fixed: curves are now written into the requested folder, so the same curves can be exchanged into separate folders and kept side by side.