



dbMap
Petrosys Group

dbMap/Web v2026.1.1
Release Notes

Master Data Management



dbMap/Web v2026.1.1

Release Notes Overview

The 2026.1.1 release of dbMap/Web is a minor patch release to resolve an issue deploying on Oracle Linux 9 and a CRS transformation issue that can cause the application to terminate unexpectedly.

The 2026.1 release of dbMap/Web incorporates updated Petrosys Group branding and delivers significant enhancements to seismic data management, records management workflows, and platform infrastructure. Seismic Data Management & Tracking enhancements are the headline features, bringing a comprehensive redesign of how seismic data is organized and navigated.

Records Management receives several productivity-focused improvements. Infrastructure and Security updates bring the platform up to date with the latest library versions, strengthening security posture and improving stability and performance across the application.



Key enhancements in v2026.1

1 Petrosys Group – New Application Branding

Welcome to the refreshed look of dbMap/Web and the Petrosys Group. Our updated branding unifies our product family under a cohesive identity, reflecting our shared commitment to clarity in Subsurface Data Management and Geoscience. This release introduces a refreshed colour palette and visual styling, fully aligned with the Petrosys Group brand.

2 Seismic Data Management & Tracking Enhancements

This release leverages the Orders & Transmittals module for enhanced tracking of seismic physical assets, with the interface offering a dedicated Seismic Tracking feature to complement existing capability and focus specifically on seismic assets management. There has been a comprehensive overhaul of how seismic surveys, seismic lines, and associated records management assets are managed within dbMap/Web.

- **Support Added for Processed Lines** – The top-level Seismic lines screen has been redesigned to support both acquisition and processed lines. Under Seismic Surveys, a new Processed Lines option has been added to allow acquisition and processed lines to be managed independently at the survey level.



General		Data quality	Map		
Processed survey name	094				
Processed survey code	SS-094				
Processed line name	094_01				
Supervisor	Petrosys Pty Ltd.				
Acquisition survey name	094				
Acquisition survey code	SS-094				
Acquisition line name	094_01				
Geographic CRS	WGS 84				
Coordinate status	Processed	Source	Petrosys Pty Ltd - Australia		
	Start	End	Line length		
Acquisition source	1	500	1200 km		
Acquisition receiver			km		
Acquisition CMP			km		
Acquisition vessel			km		
Processed SP	1	100	240 km		
Processed CMP			km		
Related RM Items					
	Title / filename	Start SP	End SP	Category	Sub category
<input checked="" type="checkbox"/>	094 Seismic Tape			Seismic	2D Seismic
<input checked="" type="checkbox"/>	094_01	1	100	Seismic	2D Seismic

Show all

Processed line screens



- Acquisition & Reprocessed Line Relationships** – Acquisition and reprocessed surveys can now be linked together. The acquisition lines panel shows a list of related reprocessed lines, and reprocessed line panels display acquisition line details.

General		Data quality	Map		
Survey name	094				
Survey code	SS-094				
Line name	094_01				
Supervisor	Petrosys Pty Ltd.				
Geographic CRS	GDA94				
Coordinate status	Actual	Source	GA_ACRSDF_08		
	Start	End	Line length		
Source	1	500	1200 km		
Receiver			km		
CMP			km		
Vessel			km		
Processed Lines					
Survey	Survey code	Processed line	SP range source	SP range CMP	
094	SS-094	094_01	1-100	-	
Related RM Items					
	Title / filename	Start SP	End SP	Category	Sub category
	094 Seismic Tape			Seismic	2D Seismic
	094_01	1	500	Seismic	2D Seismic

Show all

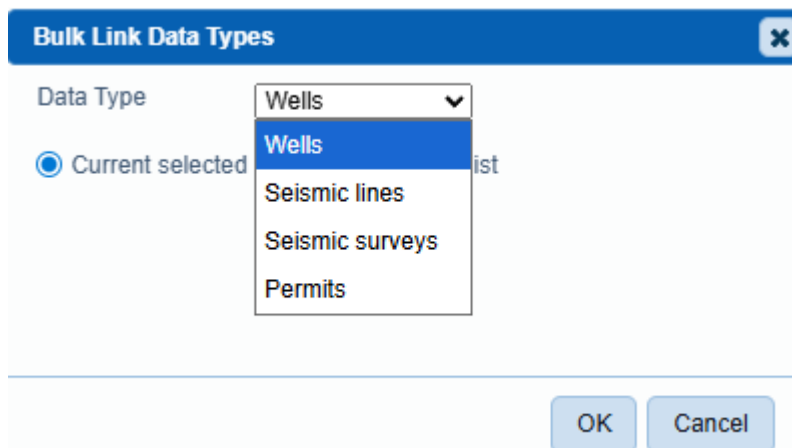
Acquisition line screen

- Survey Code** – A new Survey Code field has been added to the Seismic Survey header and included in general search fields. It is displayed on both seismic line and processed line panels along with lookups to Seismic surveys and lines, allowing for quick identification.
- Basin Linking** – Seismic surveys can now be linked to basins with full bidirectional navigation through the user interface.

3 Records Management Enhancements

The 2026.1 release includes several enhancements to the Records Management module.

- **Bulk Linking** – A selection of RM items can now be bulk-linked to the current or a stored selection of wells, surveys, seismic lines, and land rights.



- **Seismic Tracking Tree Filter**¹ – A dedicated Seismic Tracking tree filter has been added to the Records Management module. This filter makes it easy to find Seismic physical assets based on the category/subcategory of the items and related content items.
- **Available Tree Filter** – A new availability filter has been added to the RM list, making it easier to find items by their current circulation status.
- **RM Catalog Navigation** – A "Show in RM" option has been added to all RM Catalog screens, allowing users to jump directly to the full RM record from any catalog view.

4 Infrastructure and Security

Alongside the new features, this release delivers important updates to the underlying platform, keeping dbMap/Web current with the latest library versions for enhanced security, stability, and overall performance.

¹ The seismic tracking tree filter is dependent on the configuration of Records Management items categories as 'Seismic Tracking' categories. Please contact Petrosys support for assistance configuring this filter.

Detailed Release Notes Summary dbMap/Web 2026.1.1

Bug Fixes

dbMap/Web - General

[87521](#) Fixed CRS transformation issue causing dbMap/Web to terminate unexpectedly

[87527](#) Fixed issue deploying dbMap/Web on Oracle Linux 9

Petrosys Release dbMap/Web 2026.1.1

Detailed Release Notes

dbMap/Web - General

Bug Fixes

Fixed CRS transformation issue causing dbMap/Web to terminate unexpectedly

87521

Fixed an issue causing valid CRS transformations to fail and/or the dbMap/Web service to terminate unexpectedly.

Fixed issue deploying dbMap/Web on Oracle Linux 9

87527

Fixed an issue preventing dbMap/Web from deploying correctly on Oracle Linux 9

Detailed Release Notes Summary dbMap/Web 2026.1

Enhancements

dbMap/Web - Administration

- [86652](#) Administration - Debug mode changes now require confirmation and displays who last changed the setting
- [86666](#) dbMap EPSG CRS data upgraded to version 12.17
- [74180](#) Reference screens - Active indicator can now be edited on the Source reference screen
- [86954](#) Updated third-party Java and JavaScript libraries for improved security and stability

dbMap/Web - Client

- [86927](#) Fields - Removed unique name constraint to allow fields with the same name from different countries (Santos only)
- [86937](#) 'Permits' relabeled to 'Blocks' (ZPRA only)
- [86367](#) Well Path TVD/TVDSS web services restored for external data loading processes (Origin only)

dbMap/Web - General

- [85908](#) Seismic Data Management & Tracking Enhancements
- [86293](#) Production Charts - Fixed zero values appearing as blank in data exports
- [87138](#) Records Management - Added preview support for RTF files
- [87178](#) dbMap/Web now supports geographic CRS conversions in reports and directional survey computations
- [86307](#) dbMap/Web updated with the new Petrosys Group corporate branding
- [86989](#) GIS mapping - Improved display performance for GIS layers
- [86587](#) Panel lists now automatically resize columns to fit content
- [86913](#) Records Management - Added 'Available?' filter to the RM list
- [86593](#) Records Management - Added 'Show in RM' option to all RM Catalog screens
- [85947](#) Records Management - Added bulk linking of RM items to wells, surveys, seismic lines and land rights
- [86914](#) Records Management - Content tab is now always shown for physical items
- [86255](#) Seismic Surveys - Added Basin filter to the tree filter
- [86781](#) Seismic Surveys / Acquisition / Vessels - Vessel name now displayed
- [87350](#) Records Management Enhancements

Detailed Release Notes Summary dbMap/Web 2026.1

Bug Fixes

dbMap/Web - Client

- [86836](#) Default reports and queries now work for PPDM3.9 clients
- [87174](#) RM Wizard - Adding content to a physical item with the Format specified no longer gives error (Santos only)

dbMap/Web - General

- [87179](#) dbMap/Web - Wells Quality computation performance improved
- [87196](#) RM - PETROSYS_ADMIN role no longer required to edit orders and create transmittals
- [78381](#) Reference screens - Source column added to the Formations list and panel
- [86128](#) Data lists - Fixed column and header misalignment when adding columns
- [86971](#) Basins - 'Active?' column now defaults to show values as active when the value has not been explicitly set
- [86945](#) Records Management - Excluded file icon and preview icon columns from list exports
- [86873](#) Records Management - Preview options no longer shown for files without a file extension
- [86769](#) Records Management / Circulation History - Fixed error loading the screen for PPDM 3.8 clients
- [87153](#) Records Management / Orders - Search filter now applies to the orders list
- [86878](#) Records Management / Transmittals - Search filter now applies to the transmittals list
- [86585](#) Reference Tables - Added the Obligation Type reference screen
- [86907](#) Reports - Full query now displayed in the report selection dialog for long queries
- [87045](#) Seismic Lines - Coordinate status dropdown now shows 'Provisional' instead of incorrect 'Revisional' value
- [85058](#) Seismic Lines - Fixed error when charting seismic line coordinates
- [86813](#) Temporary files created by dbMap/Web on startup are now automatically cleaned up
- [86891](#) Well Log Browser - Fixed adding logs to the shopping cart
- [86952](#) Wells / Well Logs / File Parameters - Parameter value unit now shows display name instead of code

Petrosys Release dbMap/Web 2026.1

Detailed Release Notes

[dbMap/Web - Administration](#) [Enhancements](#)

Administration - Debug mode changes now require confirmation and displays who last changed the setting 86652

When an administrator enables or disables site-wide debug mode from the Diagnostics & Utilities screen, a confirmation dialog now warns that the change will affect performance for all users. The screen also displays which user last changed the debug mode setting, visible to all administrators.

dbMap EPSG CRS data upgraded to version 12.17 86666

The dbMap EPSG CRS database has been upgraded to version 12.17. This includes support for multiple new coordinate systems.

This is included with the Oracle database upgrades for dbMap/Web 2026.1.

NOTE: For Petrosys PRO clients, it is recommended to regenerate the SQLite CRS database (ps_site_crs.sdb) and replace the one in the PRO local directory after the running the Oracle database upgrade. This can be done using the PRO/Mapping/Admin/CRS/Export to SQLite option when connected to the dbMap database.

Reference screens - Active indicator can now be edited on the Source reference screen 74180

The Source reference screen now includes an editable Active indicator field, allowing administrators to set the active status of source records to Yes, No, or blank. Additional fields (effective date, expiry date, row quality, and PPDM GUID) are also now displayed.

Updated third-party Java and JavaScript libraries for improved security and stability 86954

Third-party Java and JavaScript libraries have been updated to their latest compatible versions. These upgrades address multiple known security vulnerabilities (CVEs) across several components, improving the overall security posture of the application.

[dbMap/Web - Client](#) [Enhancements](#)

Fields - Removed unique name constraint to allow fields with the same name from different countries (Santos only) 86927

A unique constraint on field names has been removed to allow Fields with the same name from different countries to be created. This constraint was specific to the Santos deployment and did not affect other dbMap/Web clients.

'Permits' relabeled to 'Blocks' (ZPRA only) 86937

The 'Permits' label has been changed to 'Blocks' throughout the application for ZPRA.

Well Path TVD/TVDSS web services restored for external data loading processes (Origin only) 86367

The well path TVD and TVDSS computation web service endpoints have been restored for use by external data loading processes without requiring authentication. These endpoints were previously accessible but became blocked when earlier security changes were introduced. Access is controlled by the web service credentials configured in site properties.

dbMap/Web - Client

Bug Fixes

Default reports and queries now work for PPDM3.9 clients 86836

For clients running dbMap/Web against the PPDM3.9 database model, many of the Default reports and data selection queries did not work, due to differences with PPDM3.8 database structure, such as column names being changed. These queries have been updated to work for the PPDM3.9 model.

RM Wizard - Adding content to a physical item with the Format specified no longer gives error (Santos only) 87174

When using the Add RM Item wizard to create a new physical item and add data content information with the Format value specified, it no longer gives a constraint error. This was only a problem for Santos.

dbMap/Web - General

Enhancements

Seismic Data Management & Tracking Enhancements 85908

This release leverages the Orders & Transmittals module for enhanced tracking of seismic physical assets, with the interface offering a dedicated Seismic Tracking feature to complement existing capability and focus specifically on seismic assets management. There has been a comprehensive overhaul of how seismic surveys, seismic lines, and associated records management assets are managed within dbMap/Web.

- Support Added for Processed Lines – The top-level Seismic lines screen has been redesigned to support both acquisition and processed lines. Under Seismic Surveys, a new Processed Lines option has been added to allow acquisition and processed lines to be managed independently at the survey level.
- Acquisition & Reprocessed Line Relationships – Acquisition and reprocessed surveys can now be linked together. The acquisition lines panel shows a list of related reprocessed lines, and reprocessed line panels display acquisition line details.
- Survey Code – A new Survey Code field has been added to the Seismic Survey header and included in general search fields. It is displayed on both seismic line and processed line panels along with lookups to Seismic surveys and lines, allowing for quick identification.
- Basin Linking – Seismic surveys can now be linked to basins with full bidirectional navigation through the user interface.

Production Charts - Fixed zero values appearing as blank in data exports 86293

When exporting production chart data to Excel, zero values are now correctly displayed in cells. Previously, cells containing a value of zero could appear blank in the exported spreadsheet, making it unclear whether the fluid had been tested.

Records Management - Added preview support for RTF files 87138

RTF files cataloged in Records Management can now be previewed directly in dbMap/Web, alongside the existing support for previewing DOC and DOCX files.

dbMap/Web now supports geographic CRS conversions in reports and directional survey computations

87178

dbMap/Web now supports doing geographic CRS conversions when using dbMap functions in SQL reports, such as `ps_crs_convert_x/y`. Previously these functions would only support projected CRS conversions when the geographic CRS matched the one being used by the projected CRS.

In addition to this, it now also supports Well directional survey computations when the geographic CRS of the Well is different to that of the projected CRS assigned to the directional survey. e.g. when computing the BH location.

dbMap/Web updated with the new Petrosys Group corporate branding

86307

dbMap/Web has been updated with the new Petrosys Group corporate branding, including updated logos, colors, and styling throughout the application.

GIS mapping - Improved display performance for GIS layers

86989

GIS layer display performance on the map has been improved. Previously, layers could intermittently be very slow to render or fail to display when working with very large numbers of GIS objects. The same optimization has been applied to point, polygon and line layer queries for consistent performance.

Panel lists now automatically resize columns to fit content

86587

Panel list columns now automatically resize to fit their content when loaded, matching the behavior of the main data grids. This provides a better default view of data without needing to manually adjust column widths.

Records Management - Added 'Available?' filter to the RM list

86913

A new 'Available?' filter has been added to the Records Management list. This allows you to quickly filter items based on their availability status. An item is considered available if it has no active circulation record or its circulation status is 'Available'. Content items inherit the availability of their containing item.

Records Management - Added 'Show in RM' option to all RM Catalog screens

86593

A new 'Show in RM' button has been added to each of the RM Catalog screens, including under Wells, Seismic Surveys, Seismic Lines, Processed Lines, Basins, Fields, Permits, Facilities, and GIS Features. Selecting items on an RM Catalog screen and clicking 'Show in RM' opens the top-level Records Management screen filtered to those items, making it easier to manage cataloged files directly from any data type.

Records Management - Added bulk linking of RM items to wells, surveys, seismic lines and land rights

85947

A new 'Bulk Link Data Types' option is available on the Records Management list. This allows you to link a selection of RM items to a selection of wells, seismic surveys, seismic lines or land rights in a single operation. You can link to either the current list selection or a previously saved selection. Duplicate links are automatically prevented.

Records Management - Content tab is now always shown for physical items

86914

The Content tab on the Records Management header is now always displayed for physical items, even when the item has no content. Previously, the tab was only visible if the item had content, which could be confusing when browsing items.

Seismic Surveys - Added Basin filter to the tree filter

86255

The tree filter on the Seismic Surveys screen now includes a Basin option, allowing surveys to be filtered based on their linked basins.

Seismic Surveys / Acquisition / Vessels - Vessel name now displayed

86781

The vessel name is now shown on the 'Seismic Surveys / Acquisition / Vessels' screen. Previously only the vessel ID and remark were displayed.

Records Management Enhancements

87350

The 2026.1 release includes several enhancements to the Records Management module.

- Bulk Linking – A selection of RM items can now be bulk-linked to the current or a stored selection of wells, surveys, seismic lines, and land rights.
- Seismic Tracking Tree Filter – A dedicated Seismic Tracking tree filter has been added to the Records Management module. This filter makes it easy to find Seismic physical assets based on the category/subcategory of the items and related content items.
- Available Tree Filter – A new availability filter has been added to the RM list, making it easier to find items by their current circulation status.
- RM Catalog Navigation – A "Show in RM" option has been added to all RM Catalog screens, allowing users to jump directly to the full RM record from any catalog view.

dbMap/Web - General

Bug Fixes

dbMap/Web - Wells Quality computation performance improved

87179

The Quality computation option no longer times out when the "ONLY items in the current list that are out of sync" option is selected. Previously the computation could take several minutes and fail with a timeout error, even with only a few items selected. It now completes in a few seconds.

RM - PETROSYS_ADMIN role no longer required to edit orders and create transmittals

87196

The ability to edit RM Orders and create Transmittals now just relies on the database role PETROSYS_RM_ORDER_UPDATE being granted to a user. Previously this also required the PETROSYS_ADMIN database role to be granted.

Reference screens - Source column added to the Formations list and panel

78381

The Source field is now displayed on the formations reference screen.

Data lists - Fixed column and header misalignment when adding columns

86128

Fixed an issue where adding a column as the first column in a grid caused the column headers and data to become misaligned when the grid was subsequently filtered.

Basins - 'Active?' column now defaults to show values as active when the value has not been explicitly set

86971

Fixed a bug on the 'Basins' list where the 'Active?' column incorrectly displayed rows as inactive when the active indicator had not been explicitly set in the database. These rows now correctly display as active.

Records Management - Excluded file icon and preview icon columns from list exports

86945

When exporting data from a Records Management list, the file icon and preview icon columns are no longer included. These columns contained internal display data rather than useful information, and have been removed from exports for a cleaner result.

Records Management - Preview options no longer shown for files without a file extension

86873

Fixed a bug where all preview options were incorrectly shown for electronic files in Records Management that do not have a file extension. Preview options are now only shown when the file type can be determined from the extension.

Records Management / Circulation History - Fixed error loading the screen for PPDM 3.8 clients

86769

Fixed an error that prevented the 'Records Management / Circulation History' screen from loading for PPDM 3.8 clients.

Records Management / Orders - Search filter now applies to the orders list

87153

Fixed a bug where the search filter on the 'Records Management / Orders' screen was not filtering the list. The search now works as expected.

Records Management / Transmittals - Search filter now applies to the transmittals list

86878

Fixed a bug where the search filter on the 'Records Management / Transmittals' screen was not filtering the list. The search now works as expected.

Reference Tables - Added the Obligation Type reference screen

86585

The Obligation Type reference screen (Admin / Reference Tables / PPDM / General Reference / Obligation type) has been added.

Reports - Full query now displayed in the report selection dialog for long queries

86907

The report selection dialog now displays the full query text for reports that have long multi-part queries. Previously the query could be displayed as truncated if it was very long.

Seismic Lines - Coordinate status dropdown now shows 'Provisional' instead of incorrect 'Revisional' value

87045

The coordinate status dropdown on the seismic line header panel and related lookups throughout the application previously included an incorrect 'Revisional' option. This has been replaced with the correct 'Provisional' value, consistent with Petrosys PRO.

Seismic Lines - Fixed error when charting seismic line coordinates

85058

Fixed an error that occurred when attempting to chart coordinates for a seismic line. The chart now displays correctly.

Temporary files created by dbMap/Web on startup are now automatically cleaned up

86813

dbMap/Web now automatically cleans up temporary files it creates on startup. Cleanup occurs both on application startup (removing old files no longer in use) and on shutdown. This works safely when multiple dbMap/Web instances are running on the same server.

Well Log Browser - Fixed adding logs to the shopping cart

86891

Fixed an issue where adding well logs to the shopping cart via the Well Log Browser would fail with an error. Logs can now be added to the cart as expected.

Wells / Well Logs / File Parameters - Parameter value unit now shows display name instead of code

86952

The 'Parameter value unit' field on the Wells / Well Logs / File Parameters screen was displaying the internal unit code instead of the unit's display name. This now shows the correct display name.