

# Kingdom® 2025 Service Pack 1

December 2025 | Revised December 18, 2025



Kingdom<sup>®</sup> 2025 Service Pack 1

December 18, 2025

™ 2025 S&P Global and its affiliated and subsidiary companies, all rights reserved.

Kingdom<sup>®</sup> software and all its components, 2D3DPAK<sup>®</sup>, AVOPAK<sup>®</sup>, EarthPAK<sup>®</sup>, GeoSyn<sup>®</sup>, Kingdom Connect<sup>®</sup>, Kingdom Data Management<sup>™</sup>, Kingdom DM Catalog Builder<sup>™</sup>, Kingdom I3D Scan<sup>™</sup>, Kingdom Illuminator<sup>™</sup>, Kingdom Seeker<sup>™</sup>, LoadPAK<sup>®</sup>, Petra<sup>®</sup>, Tunnel O<sup>™</sup>, and VelPAK<sup>®</sup> are trademarks of S&P Global.

This product, including software, data, and documentation, is licensed to the user for its internal business purposes only and may not be disclosed, disseminated, sold, licensed, copied, reproduced, translated or transferred to any third party.

S&P Global Headquarters  
55 Water Street  
New York, NY 10041, USA

**TRADEMARKS**

S&P Global and the S&P Global logo are trademarks of S&P Global. Other trademarks appearing in this publication are the property of S&P Global or their respective owners.

**Table of Contents**

Overview ..... 1

Questions ..... 1

General ..... 2

Enhancements..... 2

Bug Fixes..... 3

    Kingdom 2025 Service Pack 1 (December 09, 2025) ..... 3

    Hot Fix 3 (August 12, 2025 ) ..... 4

    Hot Fix 2 (June 17, 2025 ) ..... 4

    Hot Fix 1 (April 22, 2025 ) ..... 5

Known Issues..... 6

## Overview

This document briefly describes the Kingdom 2025 Service Pack 1 release since the release of Kingdom 2025 in February 2025. You can find the full release notes of the Kingdom 2025 release [here](#).

The focus of this release covers the following:

- [Enhancements](#)
- [Bug Fixes](#)

## Questions

If you have any questions, [Contact Us](#) online, by email at [support.energy@spglobal.com](mailto:support.energy@spglobal.com), or call your regional Customer Solutions office:

Region	Phone
North and South America	+1 800 447-2273 +1 800 597-1344 (Direct to Energy)
Europe, Middle East, and Africa	+44 203 367 0681
Asia Pacific Japan	+604 296 1125 +81 3 6262 1887

When connected, select:

**Option 3** for Energy and then **Option 1** for Kingdom.

## General

Kingdom 2025 requires Microsoft .NET Framework 4.8. You can download and install from the Microsoft website: <https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>.

## Enhancements

The following new features and enhancements are included in this service pack. Details of each are in the table that follows:

- Full Volume Machine Learning (ML) Horizon Interpretation
- 3D Boulder Prediction
- Merge log curves on Import (LAS and DC import)
- Borehole symbol share
- Refresh all wells from project tree
- Producing formation data management updates
- Well selection added to Log Equations

Geology
<p>Merge Log Curves on Import</p> <ul style="list-style-type: none"> <li>• Direct Connect and LAS Importer <ul style="list-style-type: none"> <li>◦ Allows for wells with multiple logs of the same name or multiple runs to merge into one curve</li> <li>◦ Applied in bulk to reduce overhead of log data management</li> <li>◦ Reduces number of logs and curve names in a project</li> </ul> </li> </ul> <p>Data Management Update</p> <ul style="list-style-type: none"> <li>• Save and load options <ul style="list-style-type: none"> <li>◦ Borehole symbols save/load template file</li> <li>◦ Save and share Culture subfolder structure</li> </ul> </li> <li>• Right click Project Tree Wells &gt; Refresh from database <ul style="list-style-type: none"> <li>◦ Easy option for refreshing wells from the database</li> </ul> </li> <li>• Producing formation management <ul style="list-style-type: none"> <li>◦ Delete/clear names except for locked wells</li> <li>◦ Well count column added</li> </ul> </li> <li>• Well subset selection added to log equation expression</li> <li>• International vendor WMS support</li> </ul>
Geophysics
<p>Full Volume ML Horizon Interpretation</p> <p>Automating Interpretation Workflows</p> <ul style="list-style-type: none"> <li>• Support Pretrained workflow for full volume horizon interpretation</li> <li>• Addresses Exploration and Offshore workflows</li> <li>• Significantly reduces interpretation time and improves accuracy</li> </ul>

<p>3D Boulder Prediction</p> <ul style="list-style-type: none"> <li>AI Powered Boulder Prediction <ul style="list-style-type: none"> <li>Streamline windfarm site analysis</li> <li>Machine learning method to predict boulders in unmigrated 3D seismic data</li> <li>Housed within the Kingdom AI Workflow Builder</li> </ul> </li> </ul> <p>Seismic Inversion</p> <p>Support for Well Subsets</p> <ul style="list-style-type: none"> <li>Static Well Subsets provides efficient use of projects with very large number of wells to greatly improve performance</li> <li>Inversion allows selection of a Static Well Subset upon launching</li> <li>This feature is available as an option to turn on or off via the Tools &gt; Options.</li> </ul> <p>VelPAK</p> <p>Well Subsets</p> <ul style="list-style-type: none"> <li>Well subsets are supported in VelPAK and LogToVolume to significantly improve performance on very large projects</li> <li>On launch there is now an option to select subsets</li> <li>Selecting the option 'Choose Well Subsets' will bring up the list of subsets</li> </ul> <p>Profile Extractor Wizard</p> <ul style="list-style-type: none"> <li>An AOI choice button has been added to the first screen of the wizard</li> </ul>
--

## Bug Fixes

Service packs and hot fixes are tested before release, but as always, we highly recommend that you back up your projects before updating Kingdom. Kingdom updates are inclusive and incorporate all fixes from previous updates. You can find the full release notes of the latest Kingdom release [here](#).

### Kingdom 2025 Service Pack 1 (December 09, 2025)

Geology/Geophysics	
The Microseismic file crash issue has been resolved.	02662064
ML fault attributes denoised data now shows up in ICCN.	02694096 02698043
Top depth updates now auto-recalibrate correlation view and support refreshing geosteering logs.	02800219
Correlation section panning has been optimized for smooth and responsive interaction.	02799997
Well highlight on basemap is now faster.	02800007
An issue with double authentication while loading services from ArcGIS portal has been resolved.	02802638
Time grid has been converted to a depth subsea grid using the shared TD chart.	02844547
An issue in Kingdom that caused crashes while opening a session file has been resolved.	02827841



Fault polygons now save correctly.	02864133 02794077 02930399
Well Information now displays on section Ruler.	02809532
Well list now refreshes correctly when wells are toggled on or off.	02871812
TVD Seismic now displays correct values in well tooltip and status bar in a section.	02900334 02915213
Changing scalar now computes consistently for correlation factor.	02914771
Direct Connect	
An issue showing TVD digital logs as MD in Direct Connect has been resolved.	02805307

### Hot Fix 3 (August 12, 2025 )

This hot fix resolves the following customer-reported issues. Case numbers are listed in the right column.

A performance issue in Log Computes has been resolved.	02640973
An issue with Zone Computes returning an int(x) undefined variable has been fixed.	02840950
Spatial Explorer sessions now successfully load with all previous settings.	02081100
An issue with artifacts in crossover shading on sections has been resolved.	02126769
A naming issue that prevented alias raster logs from displaying in sections has been fixed.	02814021
An augmentation error when training ICNN faults digitized in a crossline has been fixed.	02823276
A situation with an inaccessible WMS server causing Kingdom to crash is fixed.	02827841
Multiple horizon display in AVO Crossplot has been fixed.	02831505
An issue with saving TD charts from GeoSyn into Kingdom has been resolved.	02849632
A depth error issue when loading log data into GeoSyn has been corrected.	02850901

### Hot Fix 2 (June 17, 2025 )

This hot fix resolves the following customer-reported issues. Case numbers are listed in the right column.

An issue with the Start and End values for some formulas in the Color Editor window has been fixed.	02766107
Double clicking the scrollbar in the Digital Log Management Alias dialog box no longer removes entries.	02637235

An issue in Spatial Explorer accessing featured services hosted by ArcGIS online has been resolved.	02711923
Facies/log shading no longer breaks when the curve name ID is very long.	02802629
Making a time slice on a flattened section with ML Fault Attributes no longer returns an out of memory message.	02772188
A crash when loading a log alias file with non-existent logs has been resolved.	02778181
An issue with authentication when loading a service in Spatial Explorer has been resolved.	02802638
When creating a well subset in Well Explorer, the subset type now defaults to Static.	02802626

## Hot Fix 1 (April 22, 2025 )

This hot fix resolves the following customer-reported issues. Case numbers are listed in the right column.

The Main option has been added back to the Customize Quick Access Toolbar dialog.	02710424
An issue with Culture subfolders in Project Explorer has been addressed.	02657665
A specific issue when transferring WB3 ASCCI 3 format files into Kingdom has been resolved.	02691400
A boundary issue when dropping and dragging grids has been fixed.	02694089
A bulk loading issue of seismic data in IEEE format has been resolved.	02710424
The size of the Kingdom base map ruler has been adjusted for clarity.	02746960
A Kingdom crash with digitizing 2-point polygons has been resolved.	02691496



## Known Issues

When restoring a Kingdom project from a backup file(.bak), you must restore it with the same Kingdom version the backup file was created in. Otherwise, table changes in the database of previous or subsequent releases may result in errors.