

Kingdom™ 2026

August 2026 | Revised August 5, 2026



Kingdom™ 2026

August 5, 2026

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Overview

This document briefly describes the Kingdom™ 2026. The focus of this release covers the following:

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

Questions

If you have any questions, contact support.energy@spglobal.com, or call your regional Client Services Center:

Region	Phone
North and South America	+1 800 597 1344
Europe, Middle East, and Africa	+44 203 367 0681
Asia Pacific	+604 296 1125

When connected, select **Option 3 (Energy)** and then **Option 1 (Kingdom)**

General

Kingdom 2026 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>

For complete installation instructions and licensing information, see the Installation Guide, available online [here](#). Note the following general guidelines:

- Always back up each project before opening it in a new release.
- Kingdom requires the use of a SQL Server Express, SQL Server, or Oracle database.
- S&P Global recently revoked **code signing** certificates which may have caused issues for some customers.
The issue has been resolved in Kingdom 2025 HF6. We recommend you install 2026 if you did not install 2025 HF6.

Hardware, System, and Database Requirements

Every customer environment is different and evolving. We strongly recommend that customers work with their IT departments and consulting services to define their actual hardware needs. The information provided is a guideline and not meant to be authoritative.

Client Hardware Summary
• Minimum: 64-bit dual quad-core computer with 8 GB of physical RAM • Recommended: 64-bit processor with 8 CPU cores and 32 GB of physical RAM or higher • Recommended: Graphics cards that support CUDA 6 with at least 2 GB of graphic card memory (more)
Client Operating Systems
Windows 11
Windows 10
Server Operating Systems
Windows 2022 Server
Windows 2019 Server
.NET Framework system requirements
.NET Framework 4.8
Databases
Oracle (User Installation) 18c, or 19c (we recommend that the client and server should be the same version)
SQL Server (User Installation) 2019
SQL Server (User Installation) 2017
SQL Server (User Installation) 2016
SQL Server 2019 Express
SQL Server 2022 Express and SQL Server 2025 Express
All supported versions of SQL Server Express are available for download from the S&P Global Entitlement Management System and the Kingdom Download page. All other database servers are provided, installed, and maintained by the client. Before you select which version of SQL Server Express to download, please read Selecting a SQL Server Express version .

Third Party Software
TIBCO OpenSpirit 4.0.3 (Required for OpenSpirit Tunnel and Kingdom Connect)
Graphics Cards
Generating ML Attributes can be computationally intensive and requires an Nvidia GPU with a minimum of 8 GB of dedicated GPU memory, and a compute capability score of 5.0 or greater. See a list of compute capability scores at https://developer.nvidia.com/cuda-gpus . See additional graphics card specifications below.

Client Graphics Cards

Kingdom 2026 requires a graphics system (card and driver) that provides a complete implementation of OpenGL 2.1 or higher. A professional graphics card is recommended since they provide a higher level of support, such as updated drivers and defect resolution) from the graphics card vendors. A minimum of 4 GB video RAM is also recommended. Professional graphics cards include the following:

Vendor	Family	Architecture
NVIDIA	Quadro	Kepler, Maxwell, Pascal, Volta, Turing, Ampere, Ada Lovelace
AMD ATI	FirePro	W, V

Also note that some features require specific video card specificity and capability:

- ML Attributes requires an Nvidia card with a minimum of 4 GB of video RAM, but 8 GB is strongly recommended.
- For raster digitization, we recommend an 8 GB video card.

With NVIDIA RTX and Quadro graphics cards, it is recommended to use the driver profile “Workstation app – dynamic streaming” for most applications, especially if using large geometry objects and/or VolumeViz rendering. Applications with numerous small geometry objects may see better performance with “3D App” profiles. NVIDIA Quadro FX series graphics cards are known to have problems displaying horizons and grids in VuPAK and may cause Kingdom to crash.

Standard graphics cards include:

Vendor	Family	Architecture
NVIDIA	GeForce	Kepler, Maxwell, Pascal, Volta, Turing, Ampere, Ada Lovelace
AMD ATI	Radeon	Since GCN 1.1
Intel	HD Graphics	Broadwell, Skylake

Regarding Intel platforms: Issues have been detected on Ivy Bridge GPU (HD graphics, HD2500, HD4000) that prevents the OIV shader cache mechanism from working as expected. To run OIV correctly on these platforms, users must set OIV_SHADER_DISK_CACHE environment variable to 0. Newer Intel platforms such as HD 4600 are not affected by this issue.

Client processor and random access memory (RAM)

Kingdom can potentially access up to 128 GBs of RAM and 8 TBs of virtual memory, depending on the amount of RAM on the workstation. When configuring a 64-bit workstation see the table below to determine your configuration based on the following minimum recommendations.

Project Size	Description	Minimum Requirement
Large Regional	- More than 200,000 wells with digital log curves, raster logs, and production data. - Hundreds to thousands of 2D lines. - More than 10,000 square miles of 3D seismic.	128 GB RAM 16 CPU Cores
Large	50,000 to 200,000 wells with some digital log curves, raster logs, and production data - More than 500 2D lines 200 to 10,000 square miles of 3D seismic	64 GB RAM 8 CPU Cores
Small	- Less than 5000 wells with no monthly production data, a moderate number of digital log curves, and no raster logs - Less than 500 2D lines 200 square miles of 3D seismic	32 GB RAM 8 CPU Cores

Client and Server Disk Drive Recommendations

For Kingdom projects stored on a local workstation or a network file server, IHS Markit recommends using solid state disks (SSDs) for the best performance.

Database Server Recommended Specifications

Hardware resources for a database server will vary depending on the load placed on the server. This load is comprised of the data volumes being updated and queried, and by the number of users sharing resources on the database server. Generally, we recommend that you create a database instance devoted solely to Kingdom and provide ample resources to the database host machine. As a rule, provision as follows:

Project Size and No. of Users	Description	Recommended on SQL Host
5,000 to 75,000 wells and less than 5 users	Small to medium-sized project, small number of users	64 GB RAM 4 CPU's or vCPU's
75,000 wells to 500,000+ projects and more than 5 users (example: Permian Basin projects)	Very large projects, including digital logs and monthly prod.	128 GB RAM 8 CPU's or vCPU's

On-Premise and Cloud Port Settings

The following ports must be enabled through firewalls for the servers (license, file, and database) and RDP (optional) to work:

Component	Function	Required Port Settings
License server	Communication between the license server and the IHS Markit EMS license activation system	Port TCP 443 on the license server to https://softwarelicensing.ihsmarkit.com/ems
	Communication between the client workstations and the license server	Port UDP 5093 on the license server to the client workstations
SQL Server	Workstation—DB server communication	Port TCP 1433. Named instances are configured to use dynamic ports in a range between 49152–65535
Oracle	Workstation—DB server communication	Port TCP 1521
File Server	Workstation—File server communication	Port TCP 445
RDP Sessions (Optional)	Remote Desktop Session optimization	Ports TCP 3389 and UDP 3389 for RDP 8+

Notes on Cloud Implementations

The Kingdom environment includes the following components:

- The Kingdom software
- Kingdom project database
- License server
- File server

All these components can be in the Cloud. Kingdom has been successfully deployed in AWS, and Microsoft Azure.

It is not within the scope of this document to advise on design and implementation. However, specific notes compiled during our testing are as follows:

License Server	A best practice is to keep the Cloud based License server running 24-7 to help avoid changes to the host server computer code.
AWS Appstream	We recommend that users of Kingdom Petrophysics configure the local user profile space at a minimum of 5 GB. The default 1.0-GB local disk for the user profile is not sufficient.

Database Notes

SQL Server Express

If you install and run SQL Server Express on the same computer as Kingdom, we recommend a workstation with a minimum of 8 GB of physical memory. Also note that performance can be substantially improved for large projects by adding additional RAM. While the SQL Express application is limited to 1 GB of cached database records, its process can occupy as much as 1.5 GB of RAM.

If multiple users are going to access the SQL Server Express projects, you should install SQL Server Express on a network-accessible computer. With the Auto version of SQL Server Express, if the instance is on the network, the Kingdom projects must also be on the network, not on individual workstations.

If you have installed SQL Server Express on a network server and you are using the Manual portability configuration, you must run the SQL Server Express Management Tools from that server to make projects portable or re-attach portable projects.

SQL Server allows user accounts with different privileges to be assigned to the same database. For example, one account can be assigned a full DBCREATOR role, while other accounts only have DataReader and DataWriter privileges at the database level. This prevents unauthorized creation of additional databases or unintended project upgrades.

Selecting a SQL Server Express version

Before you select which version of SQL Server Express to download:

Know	Understand
SQL Server databases are not backward compatible	When you upgrade SQL Server Express, the existing database is automatically upgraded. This upgraded database is not backward compatible with earlier versions. Your newer-versioned database will be unusable by a partner who uses an older, different version of SQL Server Express.
The version of SQL Server Express others are using	We suggest that you check with your organization and partners to compare versions before choosing which version to download. You will want to install the lowest common version so that you can open legacy databases without upgrading them. However, keep in mind what versions are supported in the latest version of Kingdom. See the latest release notes for details.
Your operating system	Windows 10 and 11 require Kingdom SQL Server 2019 Express. Microsoft does not support earlier versions on this operating system.
Kingdom 2026	Kingdom 2026 released with SQL Server 2025 Express and also supports SQL Server 2022 Express. Both are available for download from the Kingdom Download page.

Oracle

Kingdom requires Oracle project administrators to have CREATE SESSION, CREATE TABLE, CREATE VIEW, and CREATE TRIGGER system privileges to create and upgrade projects. Your Oracle DBA will need to add this privilege for each project administrator before upgrading or creating Kingdom projects. After project creation or upgrades are complete, table and view privileges rights can be withdrawn for non-administrative Kingdom users. If a two-tiered security system of user privileges is required, table synonyms must be created to enable the second Oracle user account to see the schema of the original account. While feasible, this has not been tested or certified by IHS Markit. SQL Server is the preferred tool for this type of security.

If your Oracle client is version 12c, see [Known Issues](#).

Upgrading Projects to Kingdom 2026

Each release of Kingdom includes changes to the database schema to incorporate added data columns and tables. For data integrity and consistency, we highly recommend that all users upgrade to the same version of Kingdom. If you are in a mixed version environment, please see the [Known Issues](#).

You can upgrade individual Kingdom projects one by one or you can upgrade multiple projects at the same time. We recommend that you create a full backup of any Kingdom project you plan to upgrade. The project backup needs to include a database backup as well as any other project files (for example, seismic files, grids, horizons, and faults).

To upgrade a single project to Kingdom 2026, simply open the project with Kingdom 2026. Kingdom prompts you to upgrade and performs the upgrade for you automatically if you choose to upgrade. To upgrade multiple Kingdom installations at the same time, use the Kingdom Project Upgrade Tool:

C:\ProgramData\Microsoft\Windows\Start Menu\Programs\S&P Global Kingdom 2026.

Important Kingdom 2026 requires the installation of 2 files, both of which are included in the download package. You must install both files in the order listed:

The Kingdom Software 2026 (64-bit).exe
The Kingdom Software 2026 CUDA.msi

Upgrading From	Notes
Version 2016 or later	Just open the project in the latest version of Kingdom. The project will be upgraded and will be compatible with versions 2016 and later.
Version 8.8 to 2015	Before beginning the upgrade to 2015, make sure you are in 64-bit mode. Upgrade first to 2018. Then open in version 2026. All project upgrades require the user to have rights to add new tables, and add new columns to existing tables. Database administrator rights are preferred. Note: You need to re-import raster log images and calibration files. If you calibrated any raster files in Kingdom, you must first export them using Kingdom 2015 Hot Fix 4, and then import them into Kingdom 2026.
Versions earlier than 8.8	Upgrade first to 8.8 64-bit, then 2015, and then 2018. Finally open in version 2026.

Kingdom Licensing

S&P Global distributes entitlement ID (EID) numbers via email. You will need to obtain your EID number from your company's primary Kingdom contact to download new software versions and obtain licenses.

For network licenses, operating Kingdom requires you to set up a dedicated computer to use as a license server as well as the installation of two license managers, one to communicate with the Sentinel EMS (Entitlement Management System), and one to activate and monitor licenses. The license server and license manager licensing tools are available from the [Entitlement Management System](#) (EMS) and from the [Kingdom Download](#) page.

Kingdom Demo Projects

The Kingdom demo projects require Auto SQL Server Express to open. The demo projects are in SQL Server 2019 Express. If you are using a later version of SQL Server Express, simply open the Kingdom project. The database will be automatically upgraded to the version of SQL Server Express that you are using.

Special Considerations on Region and Language Settings

Kingdom does not support some language alphabets and alphabets that use special characters. Known issues exist with the Cyrillic alphabet and letters that contain the tilde (~) special character.

Also, be aware of the number format of your data, notably the decimal symbol and the digit grouping symbol. Check your **Region and Language** settings on your computer to make sure that they conform to your data.

1. In the **Control Panel** select **Clock, Language, and Region** or **Region and Language** depending on your Control Panel display settings.
2. On the **Formats** tab click **Additional Settings**.
3. On the **Numbers** tab, select the **Decimal symbol** that matches your data.

When entering numeric data, the decimal symbol must be a decimal, not a comma. Also, even if you have imported data with the comma defined as the decimal symbol, the data will display with the decimal symbol as a period.

Injection data ID updates – Action required

To better distinguish production streams from injection, SPGE is splitting the Oil/Gas production volumes vs. injection volumes into separate Entity IDs/PDENs. Currently, Entity IDs with Oil/Gas production volumes and injection volumes have the same Entity ID/PDEM (exp: OIJ/GIJ).

What is changing?

Oil/Gas production data and injection data is currently stored on the same Entity ID. If a well was both a producer and an injection well, it will now have separate Entity IDs for the Oil/Gas production data and the injection data. Allocated data in Texas and Louisiana will have a new separate Well Entity ID just for the injection data values. Lease Entity IDs will no longer have injection data. The lease entity injection data will be moved to a new separate well entity ID(s) for those designed as Injection Well(s). This might be an API/UWI that is currently in the Lease or the creation of new API/UWI.

Who is affected?

All US production and injection data users. There will be a gradual deployment of the injection data by state.

How will this impact users?

Enerdeq will reflect the changes by displaying the separate production data and injection data entity ID's. This may affect certain types of queries and what is seen in the reports. The production "Last Update Date" (change date) will be triggered by this data deployment. Kingdom users will need to perform an injection data and/or complete production data clean-up prior to updating projects. Injection data may move from one API/UWI to another API/UWI, which could result in duplication of injection data in the project. See [Kingdom and Injection Data Changes](#) for further guidance and information.

Enhancements

Kingdom 2026 (August 4, 2026)

Streamlining Workflows through Automation

- **Geology:** Dynamic Volumetrics | Winerack Section Display | Vertical Section displays in Spatial Explorer
- **Data Management:** Dynamic Control Point Sets | Direct Connect Improvements
- **Geophysics:** Map and Section Clone and Lock | Enhanced Traditional Horizon Tracking | Cyberslice support for 2D ML Horizon & Fault Interpretation
- **3D Visualization performance improvements**
- **VelPAK and Inversion**
- **KAI: Kingdom's AI Powered Assistant**

The following enhancements and new features are included in Kingdom 2026:

Geology
Dynamic Volumetrics • Dynamic Depth Conversion and Map Update provides real-time Gross Rock Volumetrics • Volumetrics can be calculated over entire area or multiple polygons • Updates interactively as interpretation is performed Cross Section Winerack Display • New display mode for viewing well intersections along a true distance section • Analyze layout and spacing of wells, especially horizontal wells, to avoid collisions and optimize reservoir drainage • Dynamically move section along entire horizontal well for a detailed analysis • Supports interactive well planning to optimize reservoir development • Flexibility to post Well attribute data around the borehole symbol Perforations in Sections • Filter perforations in Section by perforation source and/or status • Enable in Display Borehole Intervals with check box and data selection • Highlight relevant perforations for cleaner cross sections • Identify perforations by source or status to remove inconsistencies, duplicates, or old data Improvements in Gridding • Quality code control in gridding zone data and Query ○ Filter by pick quality ○ Filter out wells with selected zone items by quality code during the gridding process ○ Results in a grid with higher confidence and accuracy • Grid over multiple polygons ○ Select multiple polygons when applying a polygon mask ○ Define complex, non-contiguous grid boundaries in a single operation rather than creating separate grids for each polygon Despike Logs in Geosteering • Automatic Well Log Despiking removes spurious data (spikes) from a log curve • This step helps eliminate logging artifacts from well drilling activities or telemetry problems • Uses a two-way threshold detection method to remove abnormal spikes from LWD data to simplify geological interpretation process

Spatial Explorer

Vertical Section Displays in Spatial Explorer

Display Seismic, Correlation and Cross Sections in Spatial Explorer

- Control display settings for each section independently
- Flexibility to annotate each section independently
- Map display updates automatically when section position is changed
- Cursor tracks between the section display and the map

Data Management

MS SQL Server Express

Database size increase from 10 to 50 GB

- SQL Server Express 2025 is provided with installation of Kingdom 2026
- 2025 supports much larger database sizes - up to 50GB
- Allows for more data storage in a single Express database before requiring Full SQL Server
 - Reduces the need to split projects into multiple databases (or plan an upgrade) as datasets grow
 - Typically means fewer “limit reached” surprises during normal application growth and less operational complexity and costs

Dynamic Control Point Management

Significant Improvements to Control Point Set (CPS) Management

- Store multiple attributes in a single CPS
- Merge multiple CPS into one set
- Extract attributes from grids and seismic
- Save all CPS attributes to a horizon
- Import from and export to spreadsheet

Dynamic Control Point Visualization

Enhanced Control Point Set Visualization

- Superior control over display of CPS
 - Select symbol
 - Color & size by attributes
 - Post multiple attribute values
 - Control decimal places to post on attributes
- Filter and subset to identify the ideal properties E.g., high porosity
- More efficiently share CPS data with Analytics Explorer

Direct Connect

Combined Data Completions

- Load selected WELL data types into Initial Completions (12-digit UWI) Only
- Only imports primary wells with API numbers ending in 0000
- Data from other completions (0001, 0002, etc.) are merged with the primary well
- Recompleted wells (0001, 0002, etc..) are not imported into the project

Additional Options

- US & Canada (NA ADM) polygon bounds
 - Use Existing Polygon
 - Digitize on Basemap

- Import treatment data for US or Canada (NA ADM)
 - Updated data table mapping imports all treatment records from the NA ADM database
 - Section and Basemap data posting updated to support new treatment data records
- Filtering option in S&P Global Well Logs Direct Connect for AI ready, Petrophysicist Derived, and Workstation ready digital logs
- U-Turn wells identified by “Lateral Type” in Borehole Zone

LAS Export Options

- Well name field customization in LAS file header
- Option to include only the 1st available aliased curve
 - With the option to rename the aliased curve name to the primary curve name
- Depth restriction of log values
- Report available for status of exported logs

Data Management

- Data table locking
 - Full Well Header data lock to protect data from imports, computes, etc
 - Locking these fields in the database will prevent loss or inaccuracies
- Project tree subfolders for Well Subsets
 - Add custom-named subfolders for organizing subsets to easily add, rename, and remove

Geophysics

Synchronized Multiple Map and Section Views

Clone and Lock Views to better analyze and compare different interpretations and available data

- Explore results at the same scale and area of interest
- Move, zoom, and resize views together with different attributes in each window
- Animate through seismic and horizons efficiently
- Supports numerous locked views or groups of windows
- Quickly capture images with one button screen capture of all the grouped views

One Button Screenshot Image Capture

Accelerate report creation / documentation

- Select views to screenshot from View/Window -> Windows dialog
- Select folder to save all images (BMP)

Horizon Interpretation Improvements – Manual Freehand

Faster, more efficient horizon interpretation where manual methods are required

- Freehand mode eliminates the need to perform multiple mouse button clicks when manually interpreting a horizon
- Click to start draw, move to draw, click to end segment
- Move in opposite direction to erase
- Undo / redo works until you exit interpretation mode

Horizon Interpretation Improvements - Cursor Erase & Use New Seed Points

Faster erase and re-pick for targeted interpretation

- Easily erase incorrect interpretation using new cursor erase
- Re-track horizon only in erased area honoring new seed picks
- Easier cleanup of tracked horizons in structurally complex geologic regions

Horizon Interpretation improvements - Save Tracking Parameters

Save key tracking parameters to re-use again and for history of horizon tracking steps

- Horizon Picking parameters are now automatically saved with each horizon
- Provides ability to retrack and audit prior parameters used to generate each horizon
- Save and load of horizon picking parameters for all picking modes
- New Options
 - Use new seed points only
 - Preserve existing picks

Horizon Interpretation Improvements - Horizon Smoothing Improvements

More flexibility for larger inline vs crossline smoothing size

- Use up to 51 traces inline or crossline smoothing filter
- Different inline and crossline sizes
- Re-engineered to be significantly faster
- Beneficial for high resolution seismic surveys

Improved Horizon/Fault Control

- Bulk Copy/Rename Faults & Horizons
 - Select horizons or faults from inventory – Right Click > Copy
 - Rename suffix if desired

ML Attributes Improvements

Subvolume Creation

- Define top and base surface to constrain the fault and horizon solutions for all functions in the ML Attributes window

User Defined Fault Volumes

- Combine manually interpreted faults with the CNN generated fault probability volume to enhance horizon results

Structurally Oriented Smoothing

- New edge preserving smoothing option in SOS function to use the ML fault model.

Cyberslice: Faults and Horizons for 2D Data

- ML attributes for 2D Data
 - ML Faults
 - Cyberslice Horizons
- Support for UHRD surveys & running survey subsets
- Improved computes
 - Embedded resampling (vertical & lateral)
 - Multi-scale coarse scale dip model w/ hybrid CNN-Transformer architecture
- Improved parameterization
 - Smoothness (vertical & lateral)
 - Monotonicity (prevent crossing horizons)
 - Subvolume constraint (no requirement for pre-interpreted horizons)

There is an issue outputting volumes when you limit the time range AND laterally sample on 2D data. In this case, the Horizon workflow will work and output the final volumes and horizons, but it will not output intermediate volumes, even when “Delete intermediate volumes” is unchecked.

3D Interpretation – Horizon Animation / 3D Performance

Faster Seismic Animation and Picking in 3D

- Animate horizons in 3D to explore for subtle attribute details that motion captures
- Faster manual and auto-tracking by redesigning redraws that interrupted interpretation flow
- Smoother seismic motion when cursor tracking previously hindered interactive movement
- Uses transparency to enable picking when
- Better repurpose graphics resources to eliminate blurry seismic

SEG Y Export – Improved Precision through XY Scalar

Achieve sub meter and foot output precision

- Coordinate scale factor added to single and multiple SEG Y export
- Fact of 1 keeps original behavior
- Factor of 100 preserves 2 decimal places

VelPAK

Major Update to Animation Module

- New tools allow better manipulation of the Animation with the option to export sets of images as an '.avi' file to a named directory
- The Model number can be seen as part of the title of the display and on the graph module along the P10/P50/P90 line on the histogram

New Surface Display Template System

- Create a surface display to suit your requirements and save it as a template. It will be used the next time you display the grid
- Every item available for display on the surface module can be changed and saved in the template, including the XY zoom
- Save a template to have different setups for time grids and depth grids
- Load, Save or Delete a surface display template

Support for Multi-CPU Processing

- Multi-CPU parallel processing greatly improves performance
- Distributes and executes jobs evenly across the available CPUs as background batch processes
- Three supported macro model types - velocity, impedance, or log model, while using a common wavelet for all inversion jobs
- Multi-CPU batch processing is available in prestack inversion, acoustic impedance (AI), shear impedance (SI), density (RHO), and elastic impedance (EEI) inversions

Colored Inversion

- New CHI angle dial in EEI Impedance tab of Colored inversion
- Useful when the exact CHI is unknown, adjust dial between -90 to 90 degrees to find a best match between EEI and a petrophysical log
- An EEI volume can be saved for further analysis

Tools/Option upon Launch

- Velocity.set file is created when users launches KSI for the first time with appropriate minimum and maximum velocity values to be used for log analysis

KAI: Kingdom's AI Powered Assistant
Introducing KAI • Designed to provide clear and concise answers to your Kingdom questions in plain language • Empowers users to access the right information quickly and effortlessly, enhancing their overall experience • Initial release provides comprehensive knowledge base, ensuring that you have all the resources you need at your fingertips • Save results for future reference

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.

Kingdom 2026 (August 4, 2026)

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

Description	Case Number
The tracking cursor is now positioned correctly in a flattened section.	02050494
An issue with the color bar and values 0.00001 and 0.00002 has been corrected.	03098702
A visibility issue when manually picking horizons in 3D View has been fixed.	03100455
Property grids saved as Amplitudes (Time) in Property Modeling now save correctly.	03116227
An issue with the Volumetric Gas-In-Pace unit has been corrected.	03176386
In Synthetic Editing, tops and well logs now move correctly.	03268290
A crash when applying a log template with an unsaved color bar for facies shading has been fixed.	03268945
A crash in GeoSyn when using Pseudo Well has been resolved.	03294906
An issue when loading culture in Spatial Explorer has been resolved.	03296336
The 2D SEGY import log file now saves correctly to the project folder.	03319027

Known Issues

Kingdom 2026 (August 4, 2026)

Area	Description
Database—Oracle 12c	When Oracle 12c client installs, it does not set the required environmental variable correctly. You may encounter errors opening some Kingdom components. To resolve this issue: Set the ORACLE_HOME system environmental variable to the Oracle client installation directory – or - set the TNS_ADMIN system environmental variable to point to the tnsname.ora file.
Geology	When displaying Dynamic Property Modeling (DPM) in sections, if a defined layer pinches out, the DPM fill is missing, leaving a transparent gap.
Kingdom	Kingdom may fail to start with any version of .NET framework greater than 4.5.1 when running Digital Guardian. Kingdom must be excluded from Digital Guardian monitoring.
Spatial Explorer (SE)	On Windows 11, drag and drop does not bring the SE window to the front of the Kingdom window. The work around is to place the Kingdom window side-by-side with SE and then drag and drop from Kingdom to SE. When changing visibility of 2D seismic surveys in Kingdom, Spatial Explorer will not see the updated visibility settings until users click the Reload Kingdom Data button in Spatial Explorer. When displaying horizons that were interpreted on many 2D lines, you may experience a performance issue.
System Management	If your computer uses Trend Micro anti-virus software, a reboot is required before the system will accept any exceptions to Kingdom file types or the Kingdom folder.
3D View	For large volumes, refreshing the display may be delayed, causing a blurring effect. Manually refreshing the display will resolve this problem. NVIDIA Quadro FX series graphics cards are known to have problems displaying horizons and grids and may cause Kingdom to crash. AMD Radeon W series graphics cards have issues when displaying seismic volumes.
Well Explorer	When importing rasters, if you select the Copy images to path option, and the path includes a shared drive with a share name different from the actual drive name, then you will get an error message, <code>Cannot write to selected directory</code> . A simple workaround is to put \$ before the drive letter.
Windows 10 mapped drive disconnection	1. Change the Domain Group Policy for drive mapping from "Replace" to "Update". 2. In the Registry Editor go to HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\GPExtensions\{5794DAFD-BE60-433f-88A2-1A31939AC01F} 3. Change value "NoBackgroundPolicy" to 1 (You may need to create this DWord). Note: Updating to new builds of Windows 10 will reset the GPExtensions Key and delete the DWORD entry