

**UPSTREAM ENERGY**

# Petra® 2022 Hot Fix 2

February 2023 | Last updated February 13, 2023



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February 13, 2023

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## Table of Contents

Table of Contents.....	iii
Overview .....	1
Questions.....	1
When connected, select: .....	1
Bug Fixes.....	2
Petra 2022 Hot Fix 1 (October 11, 2022).....	2
Petra 2022 Release Notes .....	3
General .....	3
Louisiana Production ID Updates – Action Required .....	3
Petra Licensing .....	3
Petra 2020 Database Upgrade .....	3
Backward Compatibility.....	3
Software Download .....	4
Requirements.....	4
Multi-User Setup .....	4
Enhancements.....	5
Bugs.....	5

## Overview

This document briefly describes the planned direction of the release of Petra® 2022 Hot Fix 2. The focus of this release covers the following:

- [Bug Fixes](#)

## Questions

If you have any questions, please [Contact Us](#) online, by email at [customercare@ihsmarkit.com](mailto:customercare@ihsmarkit.com), or by phone. Phone numbers are listed below:

Region	Phone
North and South America	+1 800 447-2273
Europe, Middle East, and Africa	+44(0) 134 432 8300
Asia Pacific	+604 291 3600
Japan	+81 3 6262 1887

When connected, select:

**Option 3** for Commodity Insights, and then

**Option 2** for Petra

## 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. Updates are inclusive and incorporate all fixes from previous updates.

This document briefly describes Petra® 2022 Hot Fix 2.

## 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](#).

Releases resolve the following customer-reported issues. Case numbers are listed in the right column.

### Petra 2022 Hot Fix 2 (February 14, 2023)

The following bug fixes have been made since the release of Petra Standard 3.16.01:

Module	Description	Case
Map	An issue with directional wells disappearing after certain actions has been resolved.	10835394
	An issue with the map redrawing without hitting Apply has been resolved.	10789291

### Petra 2022 Hot Fix 1 (October 11, 2022)

The following bug fixes have been made since the release of Petra Standard 3.16.00:

Module	Description	Case
Main	Formation top hole angle and Compute/FM Tops/ DEV Hole Angle are now computed correctly.	10301796
	Locked casing remarks are no longer erased by import.	10078004
	Case and liner data are now imported without checking PRODFIT data box.	10412381
Direct Connect	Extracting values to existing top with source now longer gives errors.	10282746
Map	Duplicates are no longer generated for captured contour lines when moved.	10249247

## Petra 2022 Release Notes

### General

#### Louisiana Production ID Updates – Action Required

S&P Global. is transforming its legacy Production Data Accumulation system to deliver production data in a more accurate and timely manner. S&P Global. began building this new system in 2008 and went live with Colorado Production Data in July 2009. Since then, we have completed and implemented additional Rocky Mountain States including Arizona, Montana, Nevada, North Dakota, Oregon, South Dakota, Utah, and Wyoming. Since the transition, we are now able to syndicate Rocky Mountain Production data to customers on a weekly, and in some cases, daily basis.

The Louisiana production data released in February 2016 has significant modifications, offering many new benefits and advantages to customers. S&P Global. strives to be proactive with solutions as a result this data update is not related to any specific Petra release. Please download the document below to learn more about actions you will need to take as a Petra user.

[Petra project preparation document – Download.](#)

### Petra Licensing

Petra 2022 Hot Fix 2 includes common licensing for Kingdom, Harmony, Petra, and GeoSyn.

A network license requires a dedicated computer for the license server, and the installation of two license managers, one to communicate with the Sentinel EMS (Entitlement Management System), and one to activate and monitor licenses. For more information, see the Licensing section of the Installation Guide, available from the Entitlement Management System (EMS) or the Kingdom release website (login required for both).

### Petra 2020 Database Upgrade

Petra's internal database was upgraded from version 3.0 to 4.0 in Petra 2020. We strongly recommend that you create a full maintenance and backup of all Petra projects **BEFORE** installing Petra 2020. For details, refer to the S&P Global. Markit document "[Petra 2020 Database Upgrade](#)".

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**IMPORTANT:** Petra internal database version 4.0 is not backward compatible. Projects created in earlier versions of Petra must be migrated to the new database before they can be opened in Petra 2020 or later.

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### Backward Compatibility

If an updated version of Petra is used to access a shared project, older versions of Petra will no longer be able to access that project. All Petra seats within an organization should be updated at the same time. If the organization prefers to test new versions of Petra before general release to all users, testing should be done

using dedicated test projects rather than projects that the organization wants to be accessible to older versions of Petra.

## Software Download

A download of this new release is available from the S&P Global. Petra Help Center. From the Petra main menu select [Petra Help Center and Downloads](#). Select the product you want to download and save the update file. After downloading the update, close Petra before installing. For the network version, all users must exit Petra before the update can be installed.

## Requirements

Minimum Hardware		
<ul style="list-style-type: none"><li>• 64-bit dual-core machine</li><li>• 16 GB of physical RAM</li><li>• 512 Mb of video RAM with OpenGL acceleration9</li></ul>		
Supported Operating Systems	Install	Support
Windows 10	Yes	Yes
Windows 2012 Server R2	Yes	Yes
Windows 2016 Server	Yes	Yes
Windows 2019 Server	Yes	Yes

## Multi-User Setup

For multi-user setups it is recommended that Petra be deployed using a Windows Terminal Services implementation. Additional information can be found at [Installation \(ihs.com\)](#)".

## Enhancements

The following features have been added with the release of Petra 2022 Hot Fix 2. For additional information see, [Petra 2022, What's New](#).

Module	Description
Main	<ul style="list-style-type: none"><li>• New Computes:<ul style="list-style-type: none"><li>• Calculate inclination and azimuth from X/Y data for a deviation survey</li><li>• Formation Top IF-THEN-ELSE update</li></ul></li><li>• Data Management:<ul style="list-style-type: none"><li>• Raster Log deletion by Source</li><li>• Maintenance tasks by well selection</li><li>• License configuration launched after license expiration</li><li>• Blue Marble version updates</li></ul></li><li>• New query categories added to Select Wells by Data Criteria</li><li>• Compute log statistics quality flag</li><li>• Multi-well selection from well list in Main</li></ul>
Map	<ul style="list-style-type: none"><li>• Additional data categories to post along deviated borehole tracks</li><li>• Multiple deviation surveys posted on map</li><li>• Bubble map legend additions for Normal and Pie mode</li><li>• Ruler and polygon measurement updates</li><li>• Data posting for items at Landing Location</li><li>• Expanded zoom options to jump to Map from Main</li><li>• WSN/DSL Quick list sorting and increased capacity for files loaded</li><li>• Grid Volumetrics option to compute for zoomed in map area</li></ul>
Cross Section	<ul style="list-style-type: none"><li>• Ability to hide a formation top from a single well</li><li>• Highlight data posted by well spot by Quality</li></ul>

## Bugs

The following bug fixes have been made since the release of Petra Standard 2021 v3.15.4

Module	Description	Case
Main	Decimal values now supported when entered in perf top or base in the grid columns.	08979177
Map	Overlay polygons now working properly when turning on frame fill	08863747
3DViz	Jump to map – Now works as expected	09623859