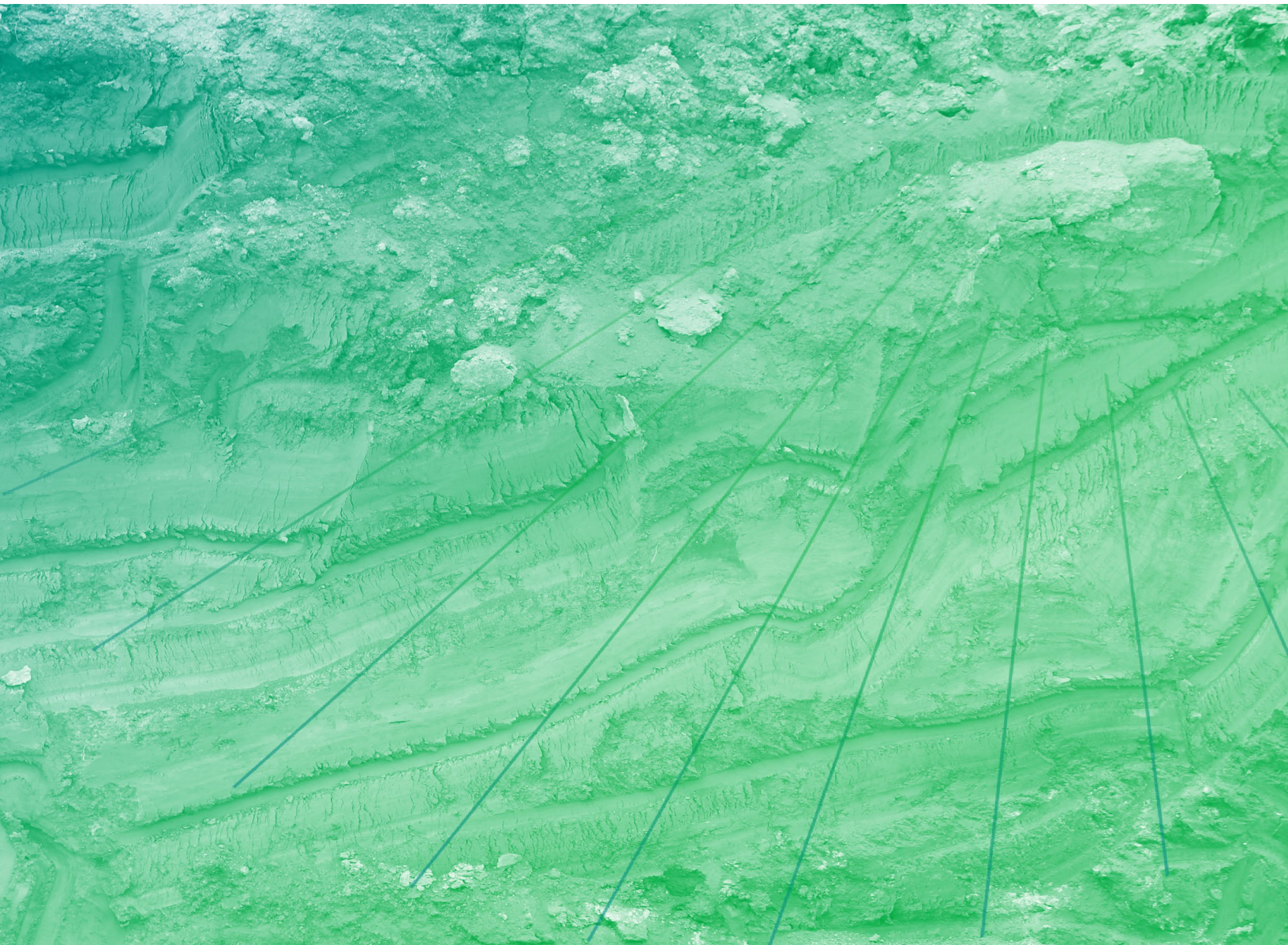


UPSTREAM ENERGY

Petra[®] 2022

July 2022 | Last updated July 12, 2022



Petra® 2022

July 12, 2022

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Overview

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

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

Questions

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

Region	Phone
Americas	+1 800 447-2273
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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 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](#)".

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.

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 Helpcenter/ 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">• 64-bit dual-core machine• 16 GB of physical RAM• 512 Mb of video RAM with OpenGL acceleration⁹		
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 "[Petra Help Center/Installation](#)".

Enhancements

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

Petra 2022 Release (July 2022)

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

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