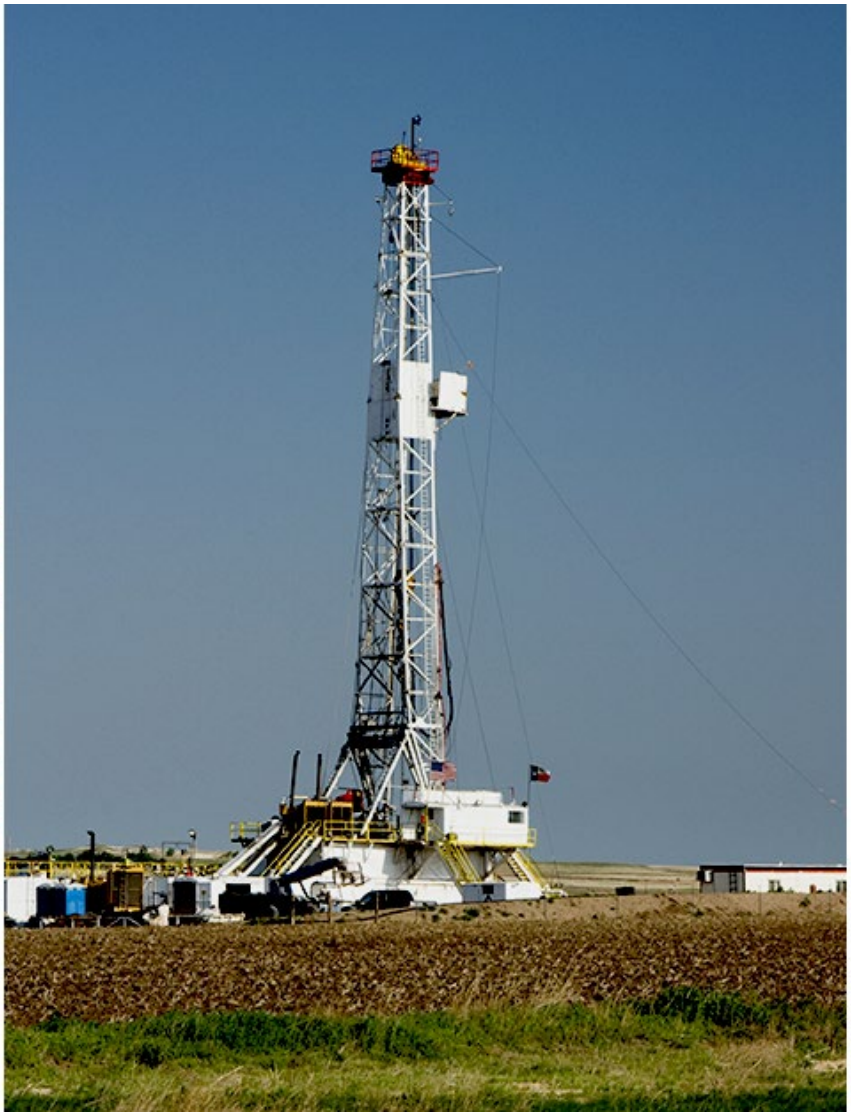
S&P Global
Commodity Insights



**UPSTREAM ENERGY**

# Petra® 2024

August 2024 | Last updated August 1, 2024



Petra ® 2024

August 1, 2024

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# Overview

This document briefly describes the planned direction of the release of Petra® 2024. The focus of this release covers the following:

- Enhancements
- Bug Fixes

## Questions

If you have any questions, Contact Us online, by email at ci.support@spglobal.com, or call your regional client services center:

| Region | Phone |
|---|---|
| Americas | +1 800 447-2273 |
| Asia Pacific<br>APAC<br>Japan | <br>+604 291 3600<br>+81 3 6262 1887 |
| Europe, Middle East, and Africa | +44(0) 134 432 8300 |

## When connected, select:

**Option 3** for Commodity Insights, and then **Option 2** for Petra


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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 2024 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 form 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.


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# 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 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** | | |
|---|---|---|
| • 64-bit dual-core machine<br>• 16 GB of physical RAM<br>• 512 Mb of video RAM with OpenGL acceleration | | |
| **Supported Operating Systems** | **Install** | **Support** |
| Windows 10 | 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 in the Petra Installation documentation.


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# Enhancements

The following features have been added with the release of Petra 2024. For additional information see the Petra 2024 What's New.

## Petra 2024 Release (August 13, 2024)

| **Direct Connect Logs** |
|---|
| **Bulk Log Database Enhancements**<br>• Additional filtering options added to the attribute columns<br>• Improved UI and import options<br>• Option to designate location for saved LIC and TIFF files<br>• Import performance improvements<br>• Group Update Mode for raster log imports now defaults to "Only NEW Groups Will Be Added". |
| **Well Selection Options** |
| **Main Module**<br>• Easily highlight and select wells as active wells from Main well list<br>• Option to create new WSN list from selected wells |
| **Import and Export Updates** |
| • Option to include well header attributes with Monthly Production exports<br>• Perforation exports:<br>  ○ Filter on perforation type and/or formation name<br>  ○ Option to add location attributes to perforation exports<br>• Optional export to individual well files for deviation surveys |
| **Select Wells by Data Criteria** |
| • Additional data criteria for well selection include:<br>  ○ Core data by interval range<br>  ○ Wells with any zone items populated<br>  ○ Active directional surveys<br>  ○ Production by date range |

| **Map Module Updates** |
|---|
| • Ruler drawn map line/polygon remains on map after close with Redraw to clear<br>• Option to restore color defaults<br>• Individual WSN list application to Drainage Ellipse |
| **Digital Logs Tab** |
| • New decimal setting control for log curve values in Maintenance. |


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## Bugs

The following bug fixes have been made since the release of Petra 2023 v3.17.3:

### Petra 2024 Release (August 13, 2024)

| Description | Case |
|---|---|
| The link between pay and zone items when storing pay in the zone tab has been restored. | 01794142 |
| The Data Posting by Well Spot Apply button in the Main Module has been fixed. | 01923280 |
| The overlay line attribute calculated area for square meters has been corrected. | 02359481 |
| The Standalone Installation for LAS Batch Import now works as designed. | 01970345 |
| Depth ticks in the Map Module now match the survey displayed. An issue with the depth tick posting for wells with grid north survey has been resolved. | 02029906<br>02005528 |


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