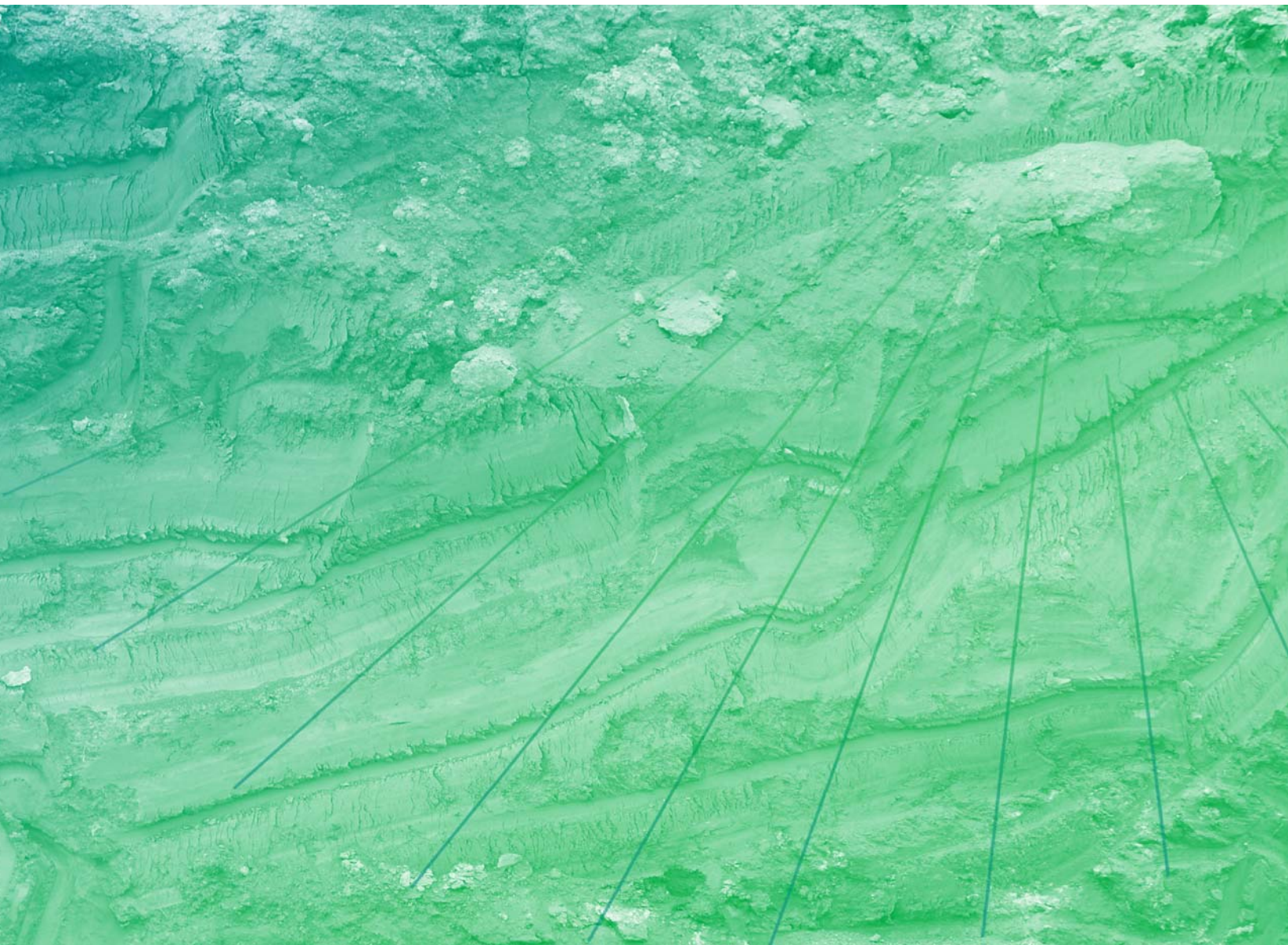


**UPSTREAM ENERGY**

# Petra® 2017 Hot Fix 2

August 2018



## Petra<sup>®</sup> 2017 Hot Fix 2

August 1, 2018

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## Overview

This document briefly describes the planned direction of the release of Petra® 2017 Hot Fix 2. The focus of this release covers the following:

- Enhancements
- Bug fixes
- Known Issues

## Questions

If you have any questions or need to obtain your software on physical media, contact one of our Customer Care Centers of Excellence at [customercare@ihsmarkit](mailto:customercare@ihsmarkit) or by phone. Phone numbers are listed below:

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Americas	+1 800 IHS-CARE +1 800 447-2273 +1 303 736-3001
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## General

### Louisiana Production ID Updates – Action Required

IHS is transforming its legacy Production Data Accumulation system to deliver production data in a more accurate and timely manner. IHS 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. IHS 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.](#)

### Flexible License Manager Update

Customers that are implementing Flexera's LmTools/Lmgrd as the license manager for 3.8.x will need to update to the newer LmAdmin license manager. Petra 2016 Standard and above requires Flexera's LmAdmin license manager with upgraded daemon (IHS.exe). This implementation is required for flexible, network licensees prior to updating to Petra 2016. For customers that have already implemented LmAdmin, a new license (IHS.lic) may be required and will be provided upon request. Customers with stand-alone bitlock licenses (USB) require no action as bitlocks are compatible with any version of Petra. Please refer to the LmAdmin Installation Guide for instructions.

### Backward Compatibility

Petra updates periodically contain changes and additions to the database tables. 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 Capability

An electronic download of this new release is available from the IHS Petra Software Download page. From the Petra main menu select Help > Petra Download Web Site. 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.

If you do not have an internet connection and need to obtain the Petra update on physical media, contact IHS at [petralicensing@ihs.com](mailto:petralicensing@ihs.com).

Requirements

Minimum Hardware		
<ul style="list-style-type: none"><li>• 64-bit dual-core machine</li><li>• 12 GB of physical RAM</li><li>• 512 Mb of video RAM with OpenGL acceleration</li></ul>		
Supported Operating Systems	Install	Support
Windows 7 SP1 (64-bit)	Yes	Yes
Windows 10	Yes	Yes
Windows 2008 64-bit	Yes	Yes
Windows 2012 Server R2	Yes	Yes

Server Recommendations

IHS recommends that you store the database files on a network server. See the PETRA – Usage in Large Multiuser Environments document for details. Multiple servers can be deployed in your environment to accommodate large numbers of users

Terminal Services Implementation

IHS has documented remarkable performance improvements in multi-user Petra environments when Petra is deployed on a terminal server (e.g. Microsoft’s Remote Desktop) using local disk storage. Under such conditions, network traffic to enable multi-user file sharing of Petra’s database files is eliminated, and users achieve unparalleled efficiency and satisfaction.

IHS has fully documented, certified and supports such an implementation. We encourage you to contact IHS Customer Care for more information. We are happy to schedule professionals to come to your office to install, test and certify this Petra environment for you.

[Download the Terminal Services Implementation white paper.](#)

Best Practices

If you are storing your projects on your local hard drive, obtain an NTFS formatted drive large enough to store all of your projects. Backing up your data is critical. Remember to also use a backup device (tape drive, USB Disk Drive, DVD writer capable of spanning) in case of an internal drive failure.



## Enhancements

### Hot Fix 2 (August 2018)

Module	Description
Map	Spatial Energy on Demand by Digital Globe has been updated for security reasons. Petra versions 2017 and earlier that use the older IHS Markit licensing tool have been updated to access the new Spatial Energy on Demand service. Petra will automatically redirect to the updated WMS service so that layers from earlier versions display as expected.

### Hot Fix 1 (October 2017)

Module	Description
Main	Support for Alternate UWI in well list
	Improved layout of tabs for data display and editing: <ul style="list-style-type: none"><li>Well tab and interactive well symbol dialog</li><li>Other tab</li><li>Location tab</li></ul>
	Parent-child grid display for efficiency of viewing and quality checking data (IPTests, Fmtests, Perfs, Shows)
Cross Section	Individual digital log template display options and enablement
Direct Connect	GCS Tops supported through Direct Connect import to source code 4
Sidekick	New external data management tool for project clean-up. Allows quick and easy import, delete, and management options for your data.

## Bug Fixes

The following bug fixes have been made since the release of Petra Standard 2016 v3.10.1.

### Petra 2017

#### Hot Fix 1 (October 24, 2017)

Module	Description	Case
Main	Set Global Datum method - now working properly	1362650-YXB2Q8
	Location Tab - Delete location data using backspace key	1357082-4SJNZT
	Production injection data (DC and 298) now includes injection liquid type.	1338653-JMSN4P
	Now able to lock individual well header items (Well Symbol, Datum, TD)	1367036-JV5QHN
Map	Overlay > Preferences & Layers > Move/Copy - now working properly	1355092-990GLF
	Add well from map module to cross section 1 or 2 - now working properly.	1365149-5Q9L02

#### Petra 2017 v3.11.0 (July 18, 2017)

Module	Description	Case
Main	FM Tops tab, SS and TVD now populated when entering MD to add new top	1328569-PK3B2H
	Perf details sort option moved to Project > Export > Perfs...	1307707-CNJCCY
	FmTops rename source limited to 8 characters, no longer rolls into units column	1311827-H4P61S
	Compute > From Logs > Footages > stores GROSS value if NET cannot be calculated	1301906-1T3TDG
	Nullled FmTop from Cross Section option shows correct number in FMTops tab Sym column	1289808-15102Q
	Ascii import will now import file with a single line of data	1284091-GRXTZ0
	Option to exporting Top/Zone Items using aliases now works properly	1278757-KST12D
	Export tops, "Use Aliases" check box now works correctly when exporting well data ascii file	1276353-XLT908
	Zones tab, Save button is active when manually entering data in a zone item	1268042-SNR1B4
	Selecting a zone item value in Main and double-clicking on a well in map module now shows the value	1256956-J5772L
	Active Only button now works when any column of Zone tab is sorted	1253702-PTH9X4



	Production Tab > Data button > Column View > copy one column to another column now works correctly	1226580-BWBLK6
	Creating a FMTop from the Prod Cums tab now posts MD, SS, and TVD values in the Map Module	1228716-2ZHVQ2
	FM Tops tab grid sorts correctly	1221620-0L59D6
	Rasters tab grid, Clicking between two columns to auto-resize column works correctly	1218348-704F6T
	Import > Monthly Production From > IHS 298 Injection Data scanning file window no longer freezes	1206996-MTGP9S
	Scout ticket improved performance if tops selected to be displayed	1274213-3JXY9V
	Client now displays the Color Scale Bar for Contour Set 2	1289925-XPD2YP
	Overlay > Preferences & Layers > Copy Data option now copies line attribute label data	1288470-LXB8LB
	When directional is enabled on the map module and the option to set the well symbol at "Actual Bottom Hole Location" now plots correctly	1285901-HDLGJG
	Map contour color scale bar now displays for contour set 2	1263581-JKPKJC
	Sample grid to well: Limits tab, restrict wells that do not penetrate grid now works correctly	1178297-L8W9Z6
	Restricting perms by a zone depth range now works correctly	1066322-2KSVPH
	Multiple wells with raster and digital logs shift correctly in structural cross section -TVD mode	1293483-4PVQ9L
Cross Section	Digital log does not display deeper than track outline - Stratigraphic CS, deviated well in TVD mode	1247423-C94C1C
	Clicking colors to set the geo column colors no longer receives error message	1242325-QKGNP9
	New Tops display selecting one top turns others off on the "Available Tops"	1220750-45JLBQ
	Fixed issue with lower depth above upper depth causing wells to draw up - no longer receives error message	1190920-KS7QHQ
	Mixed Units Project now displays borehole correctly	1217729-D1WM15
	Individual Well Raster Template - now allows different tracks for each well	1139207-Q5BVGR
	Setting individual raster log templates no longer resets Log Track #	1088479-1ZXQB3
	Filter by well option to select logs no longer causes glitches in the Track selection for the groups	1235773-3X1WSZ

Direct Connect	DC digital log importer displaying null values as zero for certain logs corrected	1253577-CNK6RK
Directional Well	Changing display contour grid path in DWM no longer gets error message	1244011-51FV9X
Raster Calibration	Digital log depth units conversion now working correctly	1191908-FNRKJ0
Spreadsheet	Spreadsheet module now supports field selections	1187561-DSQTZP
Spreadsheet	Entering text data into a numeric zone in the spreadsheet now works correctly	1092902-0W80G1
Thematic Mapper	Outputting Texas locations now exports	1319602-WN73W5

## Enhancements

### Hot Fix 1 (October 24, 2017)

The following enhancements and new features are included in this hot fix:

Area	Description
Sidekick	Added import support for: <ul style="list-style-type: none"><li>• Direct Connect - Well data and Production data</li><li>• IHS EZ loader - 298 files.</li></ul>