



Interactive
Petrophysics

Interactive Petrophysics

Enhanced. Powerful. Intuitive. IP helps you improve reservoir performance throughout the entire asset lifecycle.



Welcome to IP

IP is the best-in-class tool for robust subsurface interpretations. It is stable, and minimises user errors through its interactive graphical interface. Whatever your experience level, IP offers a complete, cost-effective solution enabling thorough analysis for making geological and petrophysical decisions.

Interactive Petrophysics (IP) is a fast, scalable software solution for Geoscientists tasked with maximising the value of subsurface data. It helps to characterize all aspects of your reservoir, including porosity, clay volume, fluid saturation and much more.

With IP, this analysis can be done with an interactive interface, which enhances efficiency and productivity for users.

IP is a mathematically-robust software for anyone seeking a stable, powerful interface that enables them to customise workflows to their subsurface needs. Its interactive parameters enable fast analysis and interpretation for confident geological and petrophysical decisions.

Along with our industry-leading 24/7 support, we offer world-class training for all levels. User proficiency is crucial to maintaining a competitive edge and giving your team the latest skills they need to make expert analysis of wellbore data.

Using IP provides your team seamlessly integrated workflows across subsurface disciplines and supports improved reservoir performance throughout the entire assets' lifecycle.

It's the most powerful way to work. Geoscientists can:

- Work quickly and independently within an interactive interface, designed by industry-leading experts.
- Adopt a variety of user-specified workflows to facilitate confident, hassle-free analysis.
- Benefit from productivity gained by using an interactive, intelligent tool with advanced interpretation capabilities.
- Track and monitor changes to your analysis for efficient, auditable interpretations.

Our aim is to provide our clients with a world class experience, not only with software solution success but with each interaction we have.

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“While the ownership of IP may have changed over the years the product and its development has remained consistent with many of the same team of Petrophysicists, Software Developers and Experts remaining in place for much of this journey.

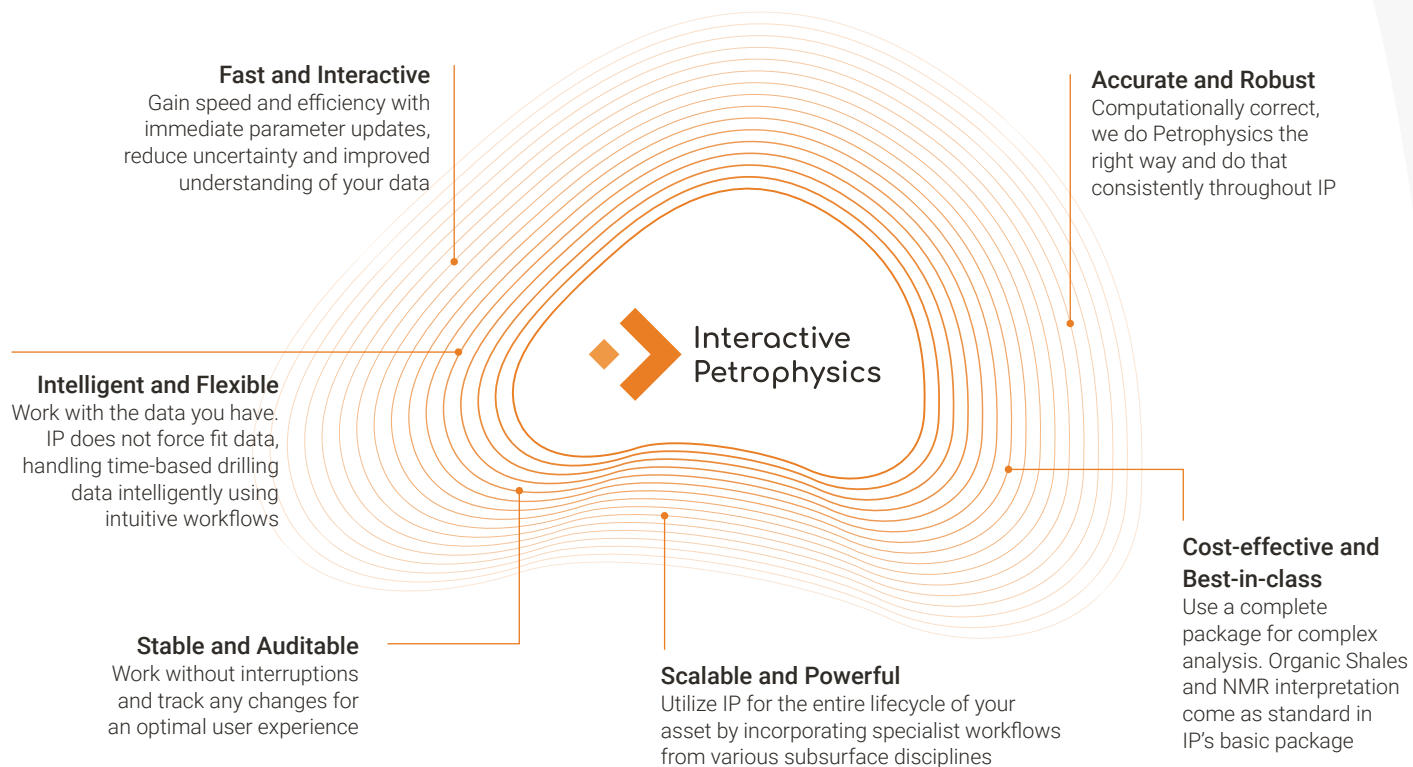
I am a prime example of this, having joined PGL 17 years ago as a Principal Petrophysicist with 20 years' experience in a service company prior to that. After PGL merged with Senergy I moved across to the IP team and have been the Product Champion for 13 years now. This includes our time with LR and our new move to our very own Geoactive.

The team have worked diligently over the years to constantly expand and evolve the product to meet the need of an ever changing market place. This consistency results in a high quality, uninterrupted service for our client base.”

Paul Spooner, IP Product Champion



Why move to IP?



IP in numbers

>85



Countries use IP worldwide

790

Licences



107

Universities use IP across 44 countries



6700



User seats of IP

>500

Customers use IP worldwide



15-20%

We have 15-20% of the global Petrophysical Software market



IP Suites & Modules

IP has a huge range of optional modules which address a wide variety of challenges across subsurface domains. As each users requirements may differ, IP has a very flexible licensing system that allows our users to customize their IP experience and only purchase modules which add value to their needs.

The Basic license also allows users to create their very own bespoke modules with minimal coding using our User App framework.

IP Foundation

- Contains all the tools and modules required for the complete management of subsurface log data including loading, log plots, x-plots, histograms, editing, filtering, depth shifting, exporting etc.
- Carry out the full, deterministic, petrophysical workflow – Includes Clay Volume, Porosity/Water Saturation, Cut-Off and Summations modules plus NMR Interpretation.
- Also includes Monte Carlo Analysis for uncertainty analysis, Chrono Log, IP Power Tools and the ability to create you own IP applications.



IP Platform



IP Interpretation



IP Powertools



Monte Carlo Analysis



Chrono Log



User Apps

IP Advanced Formation Evaluation

Carry out complex interpretations with Mineral Solver and characterize your reservoir with Saturation Height Modelling, Hydraulic Flow Units and Formation Testing modules.

- Mineral Solver
- Saturation Height Modeling
- Formation Testing
- Hydraulic Flow Units
- Sand/Silt Malay

IP Machine Learning

Carry out data repair, prediction of missing curves or key reservoir properties using minimal source data. Classify reservoir rock types using Self Organizing Maps and Cluster Analysis.

- Rock Typing
- Curve Prediction
- Domain Transfer Analysis

IP Cased Hole

Assess the downhole integrity of your wells with the casing and cement evaluation modules while also monitoring reservoir fluid saturations and the production performance of the well.

- Casing Inspection
- Cement Evaluation
- Production Logging
- CO Sw Analysis
- Cased Hole Extras

IP Borehole Imaging

Perform enhancements and corrections to Image Log data, utilize the vast amount of display and interpretation options specifically tailored for all the main image log tool types on the market.

- Imaging Analysis
- Textural Facies Analysis

IP Geophysics

Bring your Petrophysics and Geophysics teams together, calculate the downhole acoustic properties of the formation, carry out fluid substitution analysis and create synthetic seismograms.

- Rock Physics
- Acoustic Waveform Processing

IP Geomechanics

Assure your wells stability and maximize production lifetime using our suite of Geomechanics modules; calculate pore pressures, determine wellbore stability and calculate risk of sand production.

- Pore Pressure
- Wellbore Stability
- Sand Failure

Continued Improvement with IP

Despite having more than 20 years of software enhancements behind us, we are always striving to do better. At Geoactive, we aim to make our customer's lives easier – we want them to be able to work more efficiently, but more accurately as well. Our software products have been designed based on our values – to be simple to use, to be flexible to meet various requirements, to be creative in how the data is displayed but also to be fun.

With that said, we are proud to announce the release of the latest version of Interactive Petrophysics, IP 2024. By upgrading or installing IP 2024, you can enjoy a host of new benefits to improve your day-to-day working. It gives you more options and multi-well workflows than ever before and, as always, any new release includes a range of workflow improvements to allow for faster analysis while remaining robust.

Take a look at some of our updates and additions below, or get in touch with our expert team to arrange a demo

salesenquiries@geoactive.com



Improved Performance

Loading, Saving and Processing of large datasets up to 4 times faster than previous version of IP. Particularly significant to anyone who works with large databases of hundreds or thousands of wells.



Everyday Tasks Made Easier

A selection of small tasks used everyday have been improved from the ability to save logplot track styles, a utility to update the working sets of multiple wells quickly and a new way of easily importing and exporting compressed well files from IP.



Streamlined Machine Learning

Experienced Eye is a new module which automates the time consuming, manual task of trial and error when attempting to optimize a machine learning workflow with the best selection of inputs and algorithms.



Better for Alternative Subsurface

New features for Carbon Capture and Storage (CCS) workflows including a module for calculating CO2 storage capacity, new fluid property calculations and an update to the Cut-Off & Summation module.



Additional Integration

New connection to transfer data securely between IP and Open Subsurface Data Universe (OSDU) repositories. Developed with partner company Petrosys, the initial version allows curve data and formation top/zones to be transferred.



Further Enhanced Workflows

As always we continue to develop and improve our existing IP modules, this time upgraded modules include Image Analysis, Saturation Height Modelling, Cement Evaluation and improvements to IP's Python utilities.

Our clients

Company - Neptune Energy

Client - Eva Gerick

Position - Corporate Petrophysical Advisor

"As always your "big picture" view well beyond the pure software application is very much appreciated and definitely an enrichment to the training."

Company - Seplat

Client - Maduabuchi Ndubueze

Position - Chief Petrophysicist

"IP is robust with basic and advanced modules for all scope of formation evaluation. Notable among its advanced modules include Multiple Linear Regression, Cluster Analysis for Rock Typing, Principal Component Analysis, Hydraulic Flow Units, Saturation Height Function, etc. IP software is very user friendly (interactive) and compatible with other Petrophysics softwares. It has functionality that provides an enabling platform for subsurface project integration. Additionally, it's Multi-function makes it convenient to evaluate several well logs simultaneously."

Company - PetroSA

Client - Abdullah Jawoodien

Position - Principal Petrophysicist II

"As a long-time user of IP, I have found that IP is the most, user-friendly Petrophysical Interpretation package. It is also encouraging to see the range of a new functionality that is added regularly and the timely updates are a sign of a great package."

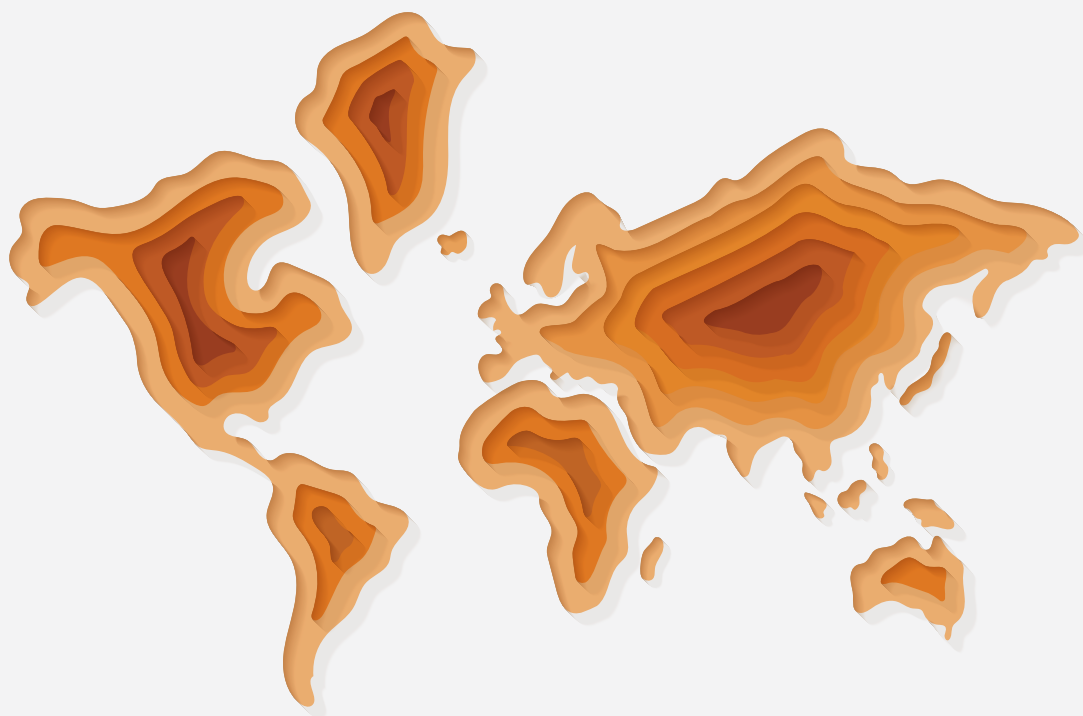
I believe that though the proactive, enthusiastic nature of the Account managers, I have dealt with; the deep knowledge of those I have collaborated with and the prompt response of the support staff; I have become a user and promoter of IP for life. Thank you for everything."

Company - Van Der Wal Petrophysics Ltd

Client - Jan van der Wal

Position - Consultant Petrophysicist

"Having recently concluded two studies in the Middle East, I wanted to mention some of my favourite features: mineral solver, rock typing, and programming. The multiwell mineral solver module was extremely useful for a re-evaluation study of 60+ wells. It was really fast, so easy to update the mineral model endpoints and / or a parameter setting for all wells or all models etc."



One constant, whenever you need us

Our dedicated IP support team operates around the world providing outstanding customer service 24/7.

As an IP user, you have access to our dedicated Support Team. 365 days a year via phone, email, our web portal or online meetings. We have team members spread across several of our global locations including Aberdeen and Kuala Lumpur. The Team are responsible for the excellent quality of support we offer across both IP and IC software.

Operating alongside the Product Experts, Core Development and Testing teams, the support team are always ready to guide you as you get started and setting up your licences.

Our global software Support Team



Support provides 24/7 coverage via phone, email, portal or web meetings.



Closed 93% of all 4657 tickets received in 2023.



Provide basic training - onsite & public courses



Nearly ½ of tickets (43%) are solved within the first day.



99% of tickets replied to within the first 2 hours.



Multilingual team operating worldwide



Only 3% of tickets received are bugs.



Get in touch

Please visit www.geoactive.com for more information
Or email salesenquiries@geoactive.com



Training

We offer training courses in various locations around the world for both IC and IP. We can also provide tailored in-house courses for individual clients, please email Softwaresupport@geoactive.com

Sales

We have regional Account Managers across Europe and Scandinavia, the Americas, the Middle East, and Asia Pacific. To contact one of our sales teams for any of these regions, please email salesenquiries@geoactive.com

Software Support

Our web portal provides first class support by a team dedicated to our subsurface software products.

Email: IPsupport@geoactive.com

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