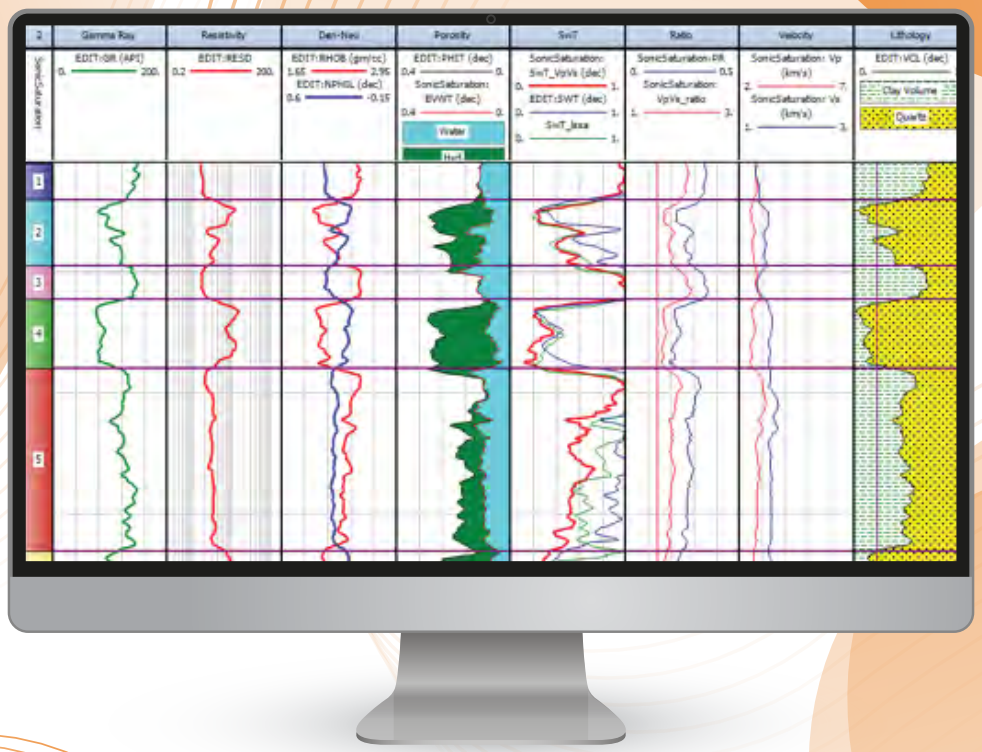
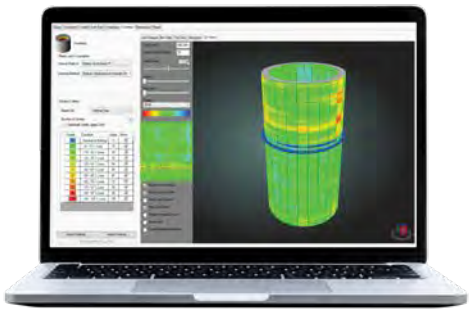
Interactive Petrophysics

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



Geoactive

What is IP?



Interactive Petrophysics (IP) is an industry-leading subsurface data interpretation software designed to maximise the value of petrophysical data. It provides a stable, interactive, and cost-effective solution for robust subsurface interpretations, supporting confident geological and petrophysical decision-making.

IP is built around an intuitive graphical interface that minimises user error and enables geoscientists to work efficiently, regardless of their level of experience. From fast, exploratory analysis to advanced interpretation workflows, IP delivers consistent, reliable results.

Focused on Petrophysical Workflows

IP is specifically designed for petrophysical analysis, with a strong focus on depth-referenced log data acquired by LWD or wireline tools during or after drilling operations. While it can handle a wide variety of wellsite data types, its core strength lies in detailed log-based reservoir evaluation.

The software supports interpretation across single wells or multiple wells simultaneously, enabling users to scale their analysis as project needs evolve.

Comprehensive Reservoir Characterisation

IP helps geoscientists characterise all aspects of the reservoir, including: porosity, clay volume, fluid saturation, lithology and fluid behaviour, and much more.

Its mathematically robust foundation and interactive parameters allow users to customise workflows to suit their specific subsurface challenges, enabling fast analysis and confident interpretation.

Designed for Productivity and Performance

IP delivers seamlessly integrated workflows across subsurface disciplines, supporting efficient analysis throughout the entire asset lifecycle. Its interactive, expert-designed interface allows geoscientists to work quickly and independently, adapting user-defined workflows to suit changing project needs.

Advanced interpretation capabilities improve productivity, while built-in tracking ensures efficient, transparent, and auditable analysis.

Training, Support, and Client Experience

Alongside industry-leading 24/7 technical support, IP offers world-class training for all proficiency levels. User competence is critical to maintaining a competitive edge, and our training ensures teams gain the latest skills required for expert wellbore data analysis.

Our aim is to provide clients with a world-class experience — not only through software excellence, but through every interaction we have.

"

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 in 2007 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 15 years now. This includes our time with LR and our 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 has resulted in a high quality, uninterrupted service for our client base.



PAUL SPOONER, *IP PRODUCT CHAMPION*

Why IP?

FAST

Gain speed and efficiency through immediate parameter updates that reduce uncertainty and improve understanding, with intuitive interaction that delivers instant results and faster interpretation.

ACCURATE

Computationally correct petrophysics delivered consistently across workflows, providing accurate, reliable results that support confident interpretation and capture complex geological variability.

FLEXIBLE

Work the way you want with flexible, intelligent workflows that adapt to the data you have, your interpretation approach, and your preferred ways of working, enabling customized and efficient interpretation.

ROBUST

Work without interruptions using a smooth, stable, and secure platform that has been rigorously tested, tracks all changes, and provides controlled data access for a reliable and auditable user experience.

POWERFUL

Utilize IP across the entire asset lifecycle with powerful, scalable workflows that support everything from single wells to thousands, enabling secure collaboration and multi-discipline analysis across subsurface teams.

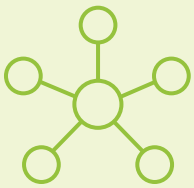
GREAT VALUE

IP delivers exceptional value by providing a comprehensive set of advanced petrophysical workflows as standard, enabling complete single- or multi-well interpretation and complex analyses at a highly competitive price without compromising capability.

IP in numbers



85
Countries use IP worldwide



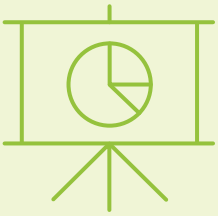
790
Linceses of IP



6700
User seats of IP



107
Universities use IP across 44 countries



20%
Of the global Petrophysics software market



500
Customers worldwide

IP Suites & Modules

IP has a huge range of optional modules which address a wide variety of challenges across subsurface domains. As requirements vary from organization to organization, IP offers a highly flexible licensing model that enables customers to tailor their IP experience and invest only in the modules that deliver value to their business.

IP Foundation

The IP Foundation Suite delivers all essential tools to manage, visualize, manipulate, and interpret subsurface well-log data in a single, unified environment. Combining the IP Platform and Interpretation modules, it supports complete single-well and multi-well workflows from data loading and quality control to editing, calculation, and deterministic petrophysical analysis. The suite enables both time-based and depth-based interpretation, with integrated uncertainty evaluation, ensuring efficient, consistent, and reliable subsurface workflows.

IP Platform

Provides the core environment for complete well-log data management. It enables fast loading, exporting, and visualization of industry-standard data formats through log plots, cross-plots, histograms, and statistics. Powerful editing, filtering, and depth-shifting tools support efficient data preparation and quality control.

IP Interpretation

Delivers robust, deterministic petrophysical analysis for single-well and multi-well studies. It supports key workflows including clay volume, porosity, and water saturation, with options for organic shale, thin-bed, and multi-mineral analysis. Advanced features include cut-off and summation, NMR interpretation, and user-defined scripting for customized workflows.

IP Power Tools

Enhance interpretation workflows with advanced parameter management. Features such as Global Parameter Sets and Tilted Parameters ensure consistency, flexibility, and efficiency when applying complex models across zones, wells, or projects.



Chrono Log

Enables direct analysis of time-based drilling data and seamless conversion to depth-based datasets. This ensures consistent integration of drilling and petrophysical workflows, allowing time-domain information to be incorporated into standard depth-referenced interpretations.

Monte Carlo Analysis

Quantifies uncertainty in petrophysical results by running thousands of simulations. It enables zonal uncertainty definition and provides probabilistic outputs such as P10, P50, and P90, helping users assess result robustness and support risk-based decision-making.

Extras

IP can be extended with a range of specialist add-on modules designed to support advanced workflows and seamless integration with external systems. These extras allow users to tailor IP to specific project requirements, enhance interoperability, and incorporate domain-specific analysis, maximizing value across the full subsurface interpretation lifecycle.

Sonic Saturation

Advanced saturation evaluation using sonic data.

Mapping

Spatial visualization and mapping of interpreted results.

Geosteering

Tools to support real-time well placement and decision-making.

WITSML Connector

Real-time data access and interpretation from live wellsite streams.

Kingdom Link

Direct integration with Kingdom for streamlined interpretation workflows.

Petrosys Exchange

Transfer data between IP and various external databases including the Open Subsurface Data Universe (OSDU).

EERC

Apply borehole and environmental corrections to East-European resistivity logs.

BGGM

Support for regional geological and geophysical models.

SDKP

Development kit enabling customization and integration through partner or client applications.



Module Suites

The Module Suites add specialized, discipline-focused capabilities to IP, supporting advanced workflows across petrophysics, geophysics, machine learning, imaging, and geomechanics, all fully integrated within a single, consistent environment.

Advanced FE

The Advanced Formation Evaluation suite provides sophisticated and robust workflows that go way beyond a 'standard', triple-combo, volumetric analysis.

- **Mineral Solver.** Advanced mineral-based petrophysical modelling.
- **Saturation Height Modelling.** Reliable water saturation from Pc and logs.
- **Formation Testing.** Fast pressure interpretation and reservoir connectivity analysis.
- **Hydraulic Flow Units**. Flow unit classification for better reservoir evaluation.
- **Sand/Silt Malay.** Improved porosity for fine-grained shaly reservoirs.

Machine Learning

Contains a comprehensive collection of AI-driven data analysis modules designed to support Rock Typing and Curve Prediction workflows.

- **Curve Prediction.** Predict missing or unavailable log curves from existing data.
- **Rock Typing.** Data-driven rock and facies classification from multi-log patterns.
- **Experienced Eye.** Transparent feature selection and model testing with full interpreter control.
- **Domain Transfer Analysis.** Restore missing or poor-quality well-log data by solving curve relationships in a transformed analytical domain.
- **ML.NET.** Automated training and ranking of multiple ML models without manual tuning.

Cased Hole

Provides an integrated environment for evaluating casing, cement, production, and reservoir fluid saturations.

- **Casing Inspection.** Integrity evaluation of casing and tubing from imaging, ultrasonic, and magnetic tools.
- **Cement Evaluation.** Cement bond analysis to verify zonal isolation and annular barriers.
- **Sigma SW Analysis.** Behind-casing water saturation from pulsed neutron data in moderate to high salinity reservoirs.
- **CO SW Analysis.** Water and gas saturation evaluation behind casing for low, mixed, or uncertain salinity conditions.
- **Production Log Analysis.** Multiphase flow profiling and zonal production allocation.

Borehole Imaging

The extensive collection of easy-to-use workflows allow both Geologists and Petrophysicists to feel in control of their data from collection, through QC to visualization then onto interpretation. Leading to the discovery of more geological insights.

- **Image Analysis.** Borehole image interpretation for dip, fracture, and structural analysis with advanced corrections and 3D visualization.
- **Facies from Image Texture Analysis.** Automated textural facies classification from borehole images, with optional calibration to core data for confident geological interpretation.

Geophysics

Supports advanced rock physics and seismic integration workflows, enabling sophisticated fluid substitution modelling and prediction of key reservoir properties from minimal input data. It allows users to generate synthetic seismograms to accurately tie well results to seismic data, while also providing tools to reprocess and interpret critical acoustic logs for reliable elastic and subsurface characterization.

- **Rock Physics.** Fluid substitution modelling and synthetic seismogram generation to evaluate seismic response and well-to-seismic ties.
- **Acoustic Waveform Processing.** Reprocessing of raw sonic waveforms to derive compressional and shear slowness and assess acoustic anisotropy.

Geomechanics

Provides an integrated workflow to build 1D geomechanical models for pore pressure, wellbore stability and sand failure calculations, helping users to optimize well design and completion strategies while avoiding costly surprises.

- **Pore Pressure.** Multi-well pore pressure and fracture gradient modelling with real-time updates, including poro- and thermo-elastic effects.
- **Wellbore Stability.** 1D geomechanical modelling to assess borehole failure, stresses, and safe mud windows.
- **Sand Failure.** Prediction of sand production risk and evaluation of perforation strategies to delay or prevent failure.

Our Clients

Our clients include national oil companies, independent operators, and consulting specialists worldwide. They value IP for its technical depth, ease of use, and fully integrated workflows, enabling efficient, high-quality subsurface interpretation across disciplines. Long-term partnerships, responsive support, and continuous innovation ensure IP remains a trusted platform for both everyday work and advanced studies.

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

Eva Gerick, *Corporate Petrophysical Advisor,* Neptune Energy

"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."

Jan van der Wal, *Consultant Petrophysicist,* Van Der Wal Petrophysics Ltd

"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."

Maduabuchi Ndubueze, *Chief Petrophysicist,* Seplat

"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 through 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."

Abdullah Jawoodien, *Principal Petrophysicist II,* PetroSa

Our Global Software Support Team

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.

All tickets are replied to directly within 8 hours (>95% within 1 hour).

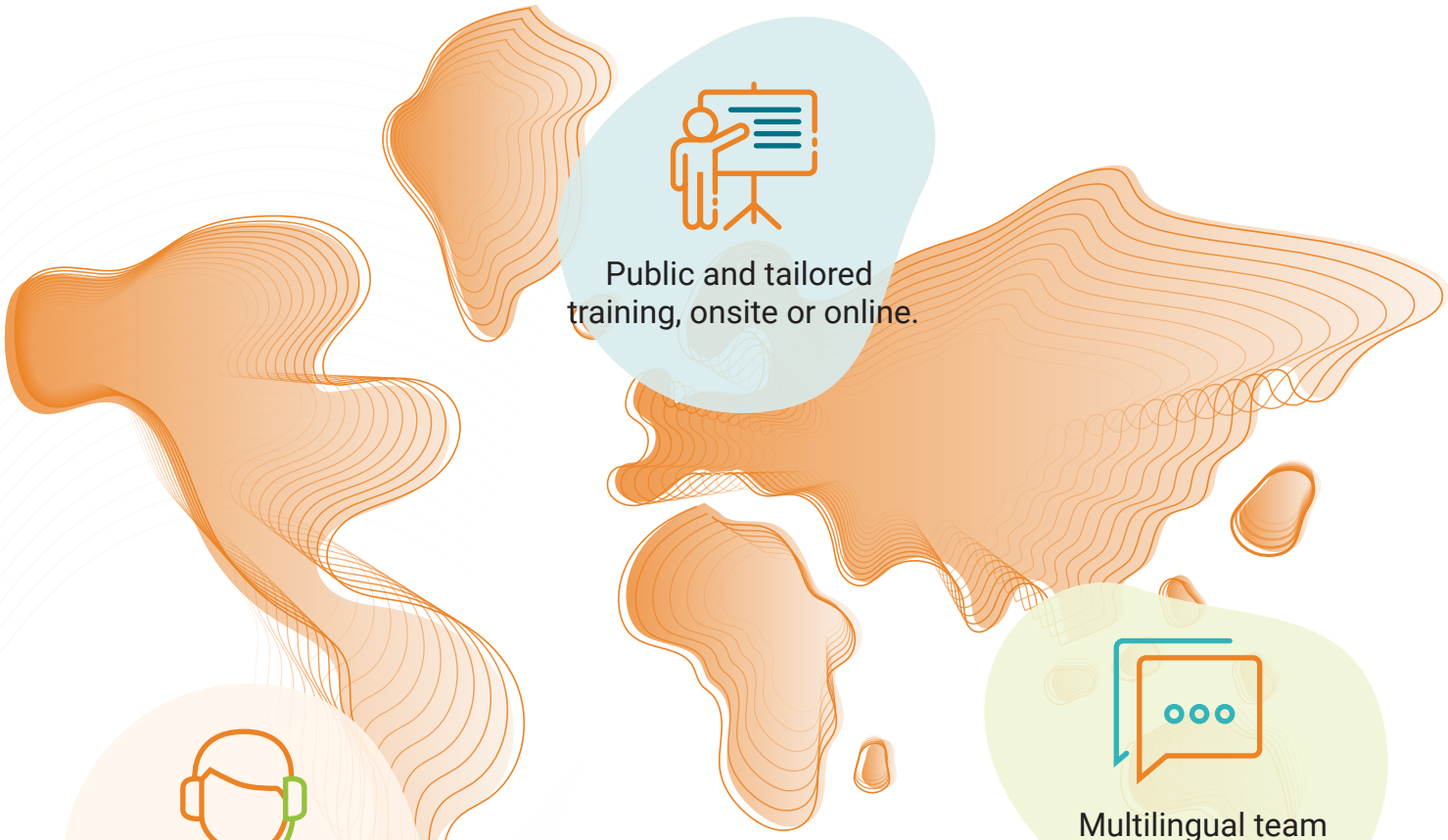
More than 40% of tickets are solved and closed within 2 days.

Only 7% of tickets received are bugs.

Closed 95% of all 468 tickets received in 2025.

One constant, whenever you need us

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



Public and tailored training, onsite or online.

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

Multilingual team operating worldwide.

Geoactive

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**
or Call:
UK: +44-2036088024
USA: +1-713-489-3995