Maximise asset value with a robust, interactive tool for faster subsurface decisions

Why IP™

IP is a fast, scalable software solution for Geoscientists tasked with maximising the value of subsurface data. Using IP this analysis can be done with an interactive interface, which enhances efficiency and productivity for Geoscientists.

IP is a **mathematically-robust software** for **Geoscientists** seeking a **stable, powerful interface** that enables them to **customise workflows** to their needs. Its **interactive parameters enable fast** analysis and interpretation for 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 that they need to make **expert** analysis of their wellbore data. Using IP provides you and 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 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
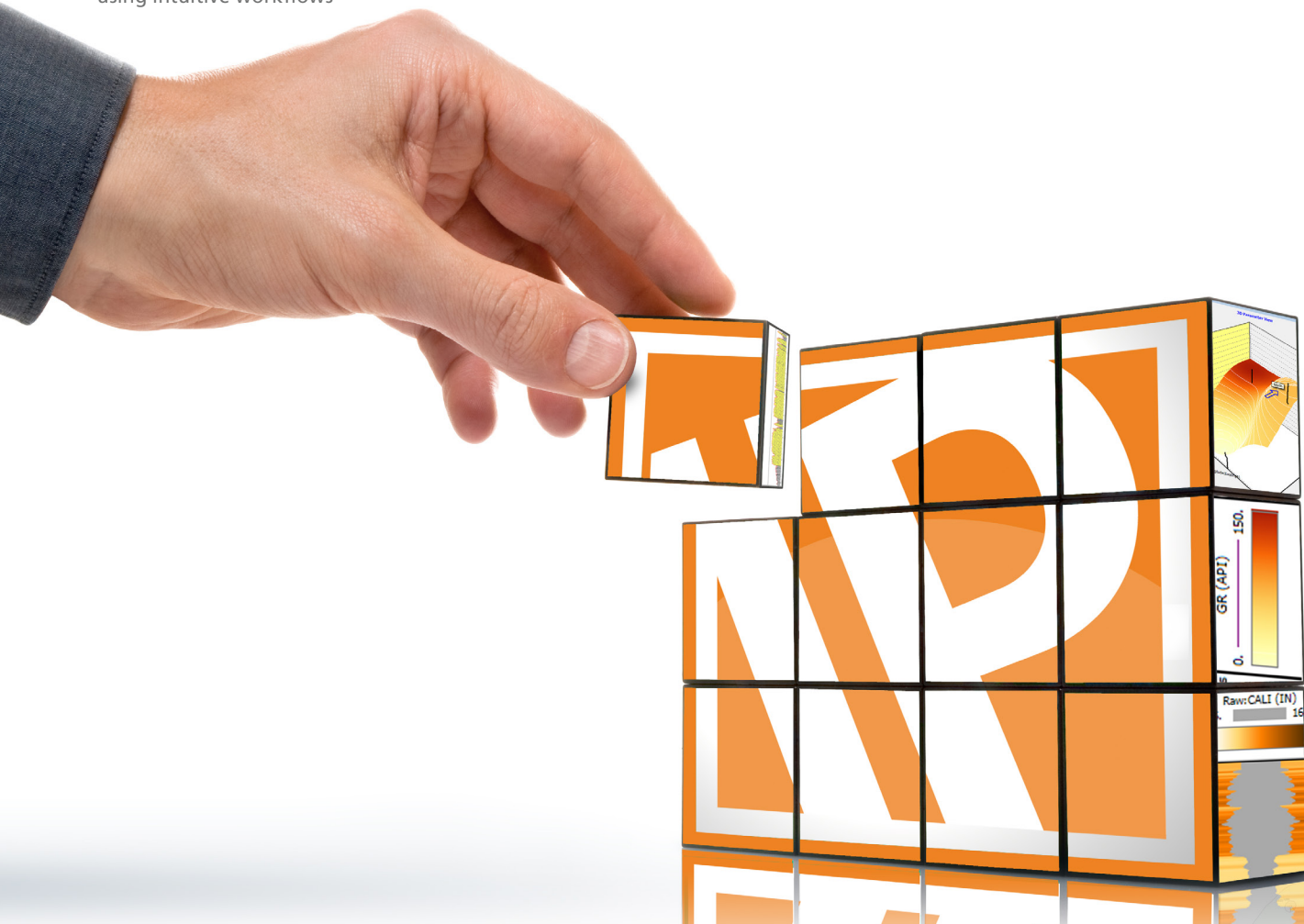- Track and monitor changes to your analysis for efficient, auditable interpretations

IPfe

Contains:

- Mineral Solver
- Monte Carlo Analysis
- Curve Prediction
- Rock Typing

IPgeophysics

Contains:

- Rock Physics
- Curve Prediction
- Acoustic Waveforms

IPgeology

Contains:

- Image Analysis
- Rock Typing

IPreservoir

Contains:

- Saturation Height
- Formation Testing
- Production Logging
- Hydraulic Flow Units

IPgeomechanics

Contains:

- SandPIT 3D Multi-depth
- Pore Pressure Prediction
- Wellbore Stability

IPwells

Contains:

- Chrono Log
- XStream Connect
- Pore Pressure Prediction
- Cement Evaluation
- Geosteering

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.

Move to IP for a **scalable** solution within an **intuitive**, **interactive** tool, saving time and **improving efficiency**. **IP** is **more than** a petrophysical software. It **enables Petrophysicists** to **determine porosity** and **water saturation** while **Geologists** and **Reservoir Engineers** increase reservoir productivity.

Go faster. Move to IP.
Here are six reasons why:

- **It's fast and interactive.** Gain speed and efficiency with immediate parameter updates, reduced uncertainty and improved understanding of your data

- **It's scalable and robust.** Benefit from a complete and customisable solution suited to your team/business needs

- **It's intelligent and flexible.** Work with the data you have. IP does not force fit data, handling time-based drilling data intelligently using intuitive workflows

- **It's enabling and powerful.** Utilise IP for the entire life cycle of your asset by incorporating reservoir data from IC

- **It's cost-effective and best-in-class.** Use a complete package for complex analysis. Organic shales and NMR interpretation come as standard in IP basic modules

- **It's stable and auditable.** Work without interruptions and track any changes for an optimal user experience

IP™ Bundles

IP Formation Evaluation

This features the most robust and sophisticated petrophysical calculations in the industry for both deterministic and probabilistic analysis. This essential bundle provides a full and in-depth suite of tools for advanced formation evaluation for conventional and unconventional reservoirs. Industry-leading Monte Carlo analysis allows you to quantify your confidence in any petrophysical workflow.
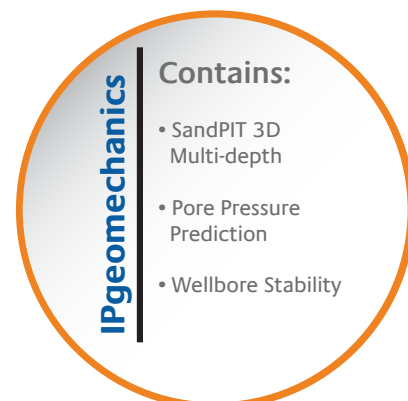
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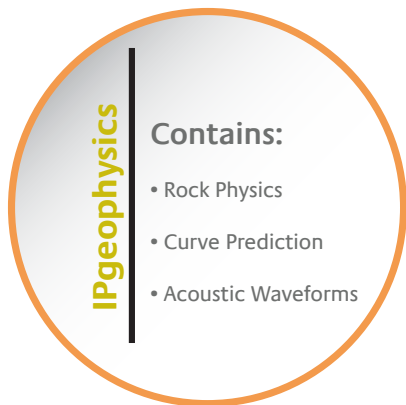
• Image Analysis

• Rock Typing

IP Geology

IP is not just a petrophysical software. We have a powerful suite of geological interpretation tools including our state-of-the-art Image Analysis module and our Rock Typing and Facies Determination tools. Perform a full range of corrections on your raw image data, no matter which software package you have. Use IP's powerful interpretation tools to get the most out of your data. Self-Organising Maps (SOM) and Cluster Analysis can be used to create petrophysical groups and predict facies types in related wells using either or both of these industry standard techniques.

IP Geomechanics

Ensure the stability and production lifetime of your well. Calculate reservoir stresses and strengths and analyse for potential sand failure. IP gives you the power to make important and informed decisions about your well production plans and ensure you are armed with the best possible interpretation and knowledge to realise the potential of your wells.
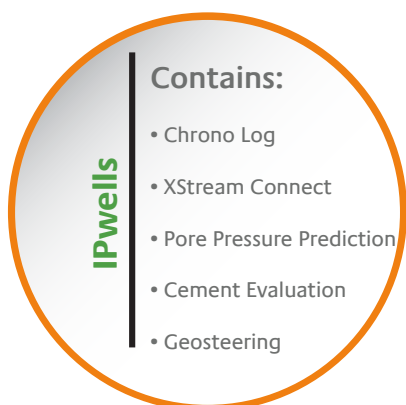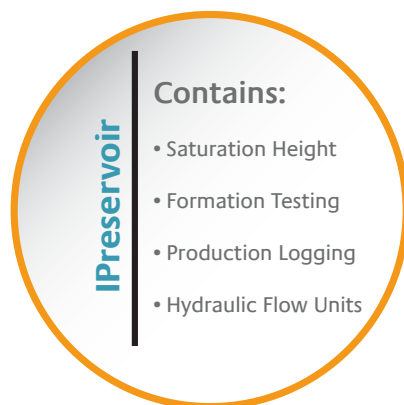
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Perform complex Fluid Substitution models and create Synthetic Seismograms for comparison to seismic data. Use these modules as a connection between your petrophysics and geophysics teams. Combine knowledge and interpretations by connecting your well logs to your seismic data – all through IP's geophysics modules. Our newest release features full Acoustic Waveform Processing and interpretation.

IP Reservoir

Create Saturation Height models from core and logs, predict facies and qualify porosity/permeability with Hydraulic Flow Units (HFU). Perform full pressure analysis on Formation Tester data. There is also a full Production Logging suite. Having your production logs and wireline logs in the same package and as part of the same interpretation is one of the many advantages of using IP for your wellbore analysis. Use production data to refine your open hole interpretation.

IPreservoir

Contains:

- Saturation Height
- Formation Testing
- Production Logging
- Hydraulic Flow Units

IP Wells

IPwells

Contains:

- Chrono Log
- XStream Connect
- Pore Pressure Prediction
- Cement Evaluation
- Geosteering

IP can be used to assist your drilling campaign as soon as the rig is in place. IP wells includes XStream for live data, ChronoLog for viewing drilling time alongside depth data. Use our new Geosteering solution for full control over your wells and stay informed while drilling. Run IP either from the rig or the office. Use Cement Evaluation to ensure the integrity of your wells and plan perforation and production, while ensuring the highest standards of health and safety are met.

Training

LR offers IP and IC training courses in various locations around the world. We can also provide tailored in-house courses for individual clients, please email software.training@lr-senergy.com

Sales

LR has regional hubs in Europe, the Americas, the Middle East, Asia and Australia. To contact one of our sales teams for any of these regions, please email softwaresales@lr-senergy.com

Software Support

LR's web portal provides first class support by a team dedicated to our software products. http://softwaresupport.lr-senergy.com or email softwaresupport@lr-senergy.com

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LR-S-IP0004-20162305