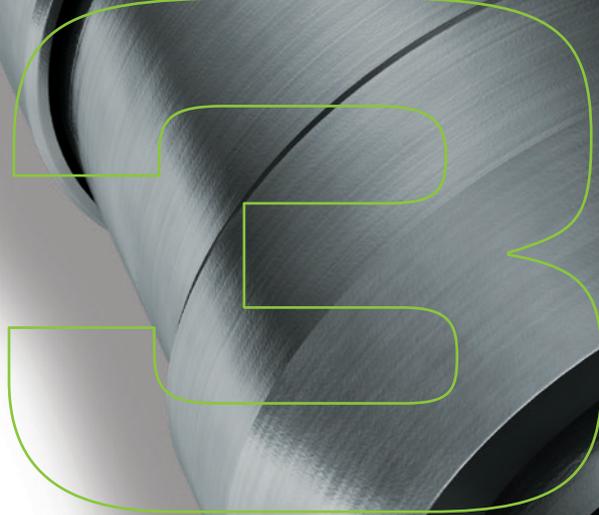




Sealing Integrity Management

SIM^{PLUS}

Part of the SIM System for Flow Control



Simple Safe Assured

Improving the Performance of Wells Through Advanced Downhole Technology

Peak Well Systems, a leading specialist in the design and manufacture of downhole products, brings you the SIM System, a range of superior, nipple-less flow control devices that can be deployed on slickline, covering most industry tubing sizes. First developed in 2005 for a major international oil company, the SIM System range has since been extended significantly and is rapidly becoming a flow control technology of choice by leading operators around the world.

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The SIM Retrievable Bridge Plug by Peak Well Systems

High Performance Well Integrity Specifications that deliver results

SIM^{PLUS} from Peak Well Systems provides oil and gas companies with a new range of ISO14310 V3 rated plug systems for barrier and flow control applications anywhere in the production tubing.

With an established track record in the development and provision of advanced Flow Control technologies, Peak now offers its technical expertise in well barrier applications that require higher-specification well integrity compliance:

- Zonal Isolation
- Wellhead Isolation
- Contingent Plugging
- Leak Detection
- Straddles
- Chokes

The SIM^{PLUS} portfolio employs an ISO14310 V3 rated SIM^{PLUS} Retrievable Bridge Plug that creates a reliable and high performance downhole seal. Its development is the result of extensive R&D, testing and analysis, utilising Peak's track record and ingenuity in deploying and retrieving reliable plug systems successfully around the world.



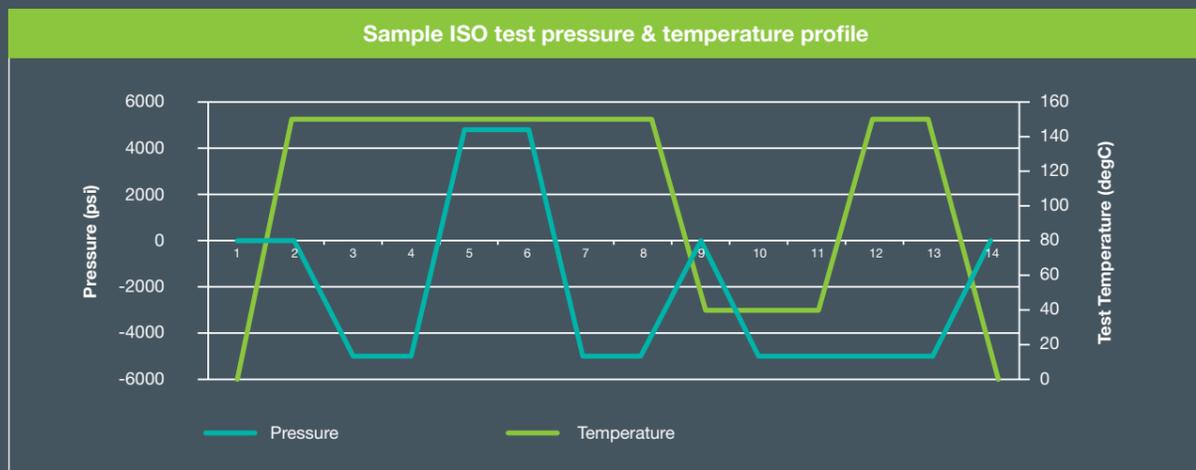
SIM^{PLUS} Retrievable Bridge Plug by Peak Well Systems

SIM is a registered trademark of Peak Well Systems

Quality Assurance

Trust in International Standards

The SIM^{PLUS} Retrievable Bridge Plugs have been independently verified and certified by Det Norske Veritas (DNV) to ISO14310:2008 V3 standard across their full operating range of pressure and temperature (5,000psi or 7,500psi and 150°C/300°F) to provide operators with total assurance and transparency when planning downhole operations.



| Nominal Tool Size | Weight Range | ISO 14310:2008 V3 Qualification | | | | | |
|-------------------|-------------------|---------------------------------|--------|--------|-----------------------|----------|----------------|
| | | OD | ID | Length | Pressure Differential | Max Temp | Max Setting ID |
| 2-3/8" | 4.6lbs | 1.810" | 0.314" | 54" | 7,500psi | 300°F | 2.046" |
| 2-7/8" | 6.4lbs | 2.220" | 0.781" | 54" | 7,500psi | 300°F | 2.493" |
| 3-1/2" | 9.2lbs - 10.2lbs | 2.720" | 1.259" | 61" | 5,000psi | 300°F | 3.046" |
| 4-1/2" | 11.6lbs - 15.1lbs | 3.650" | 2.000" | 59" | 5,000psi | 300°F | 4.030" |
| 5" | 15lbs - 18lbs | 4.050" | 1.968" | 57" | 5,000psi | 300°F | 4.440" |
| 5-1/2" | 17lbs - 20lbs | 4.530" | 2.362" | 61" | 5,000psi | 300°F | 4.960" |
| 7" | 29lbs - 32lbs | 5.720" | 2.362" | 63" | 5,000psi | 300°F | 6.293" |

Quality controls to ISO standards for storage, maintenance and documentation to track performance are also incorporated into the development of SIM^{PLUS} products. This includes:

- Supply of materials and traceability records (MTR)
- Heat treatment CoCs; sample dimensional inspection of components
- Shear pin/screw material batch testing
- Retention of QA/QC documentation

Simple Safe Assured...and Superior

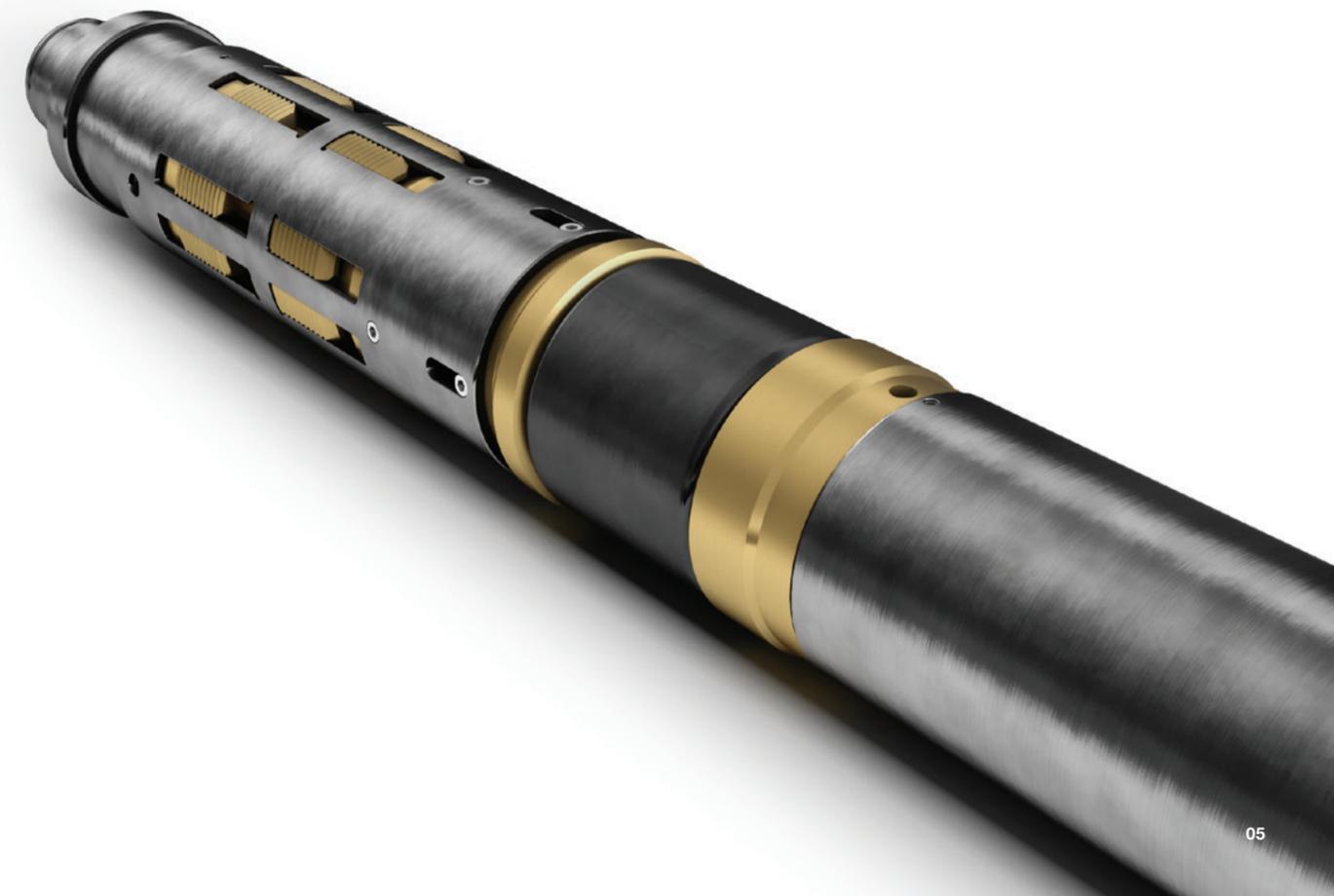
Flexibility for all your operational needs

All SIM^{PLUS} products are modular and interchangeable, and are designed to be set anywhere in the tubing string without the need for a nipple profile. They can be deployed by all conventional conveyance methods. With its advanced setting mechanism, it is the only mechanical-set V3 rated plug available, creating unrivalled operational flexibility and confidence.

SIM^{PLUS} Retrievable Bridge Plugs are available in all standard industry sizes from 2 3/8" up to the larger 7" size. Importantly, it has a large internal diameter (ID) which makes this sealing system ideal for modular straddle applications, leak detection and where flow is restricted. Furthermore, SIM^{PLUS} offers ultimate flexibility to plug and divert flow using uni- and bi-directional flow control devices.

All SIM^{PLUS} products can be easily redressed in the field by our Peak Field Specialists, reducing Non Productive Time (NPT) that is inherent with other systems that require to be returned onshore after each run.

Deployment by all conventional means:



Peak Performance

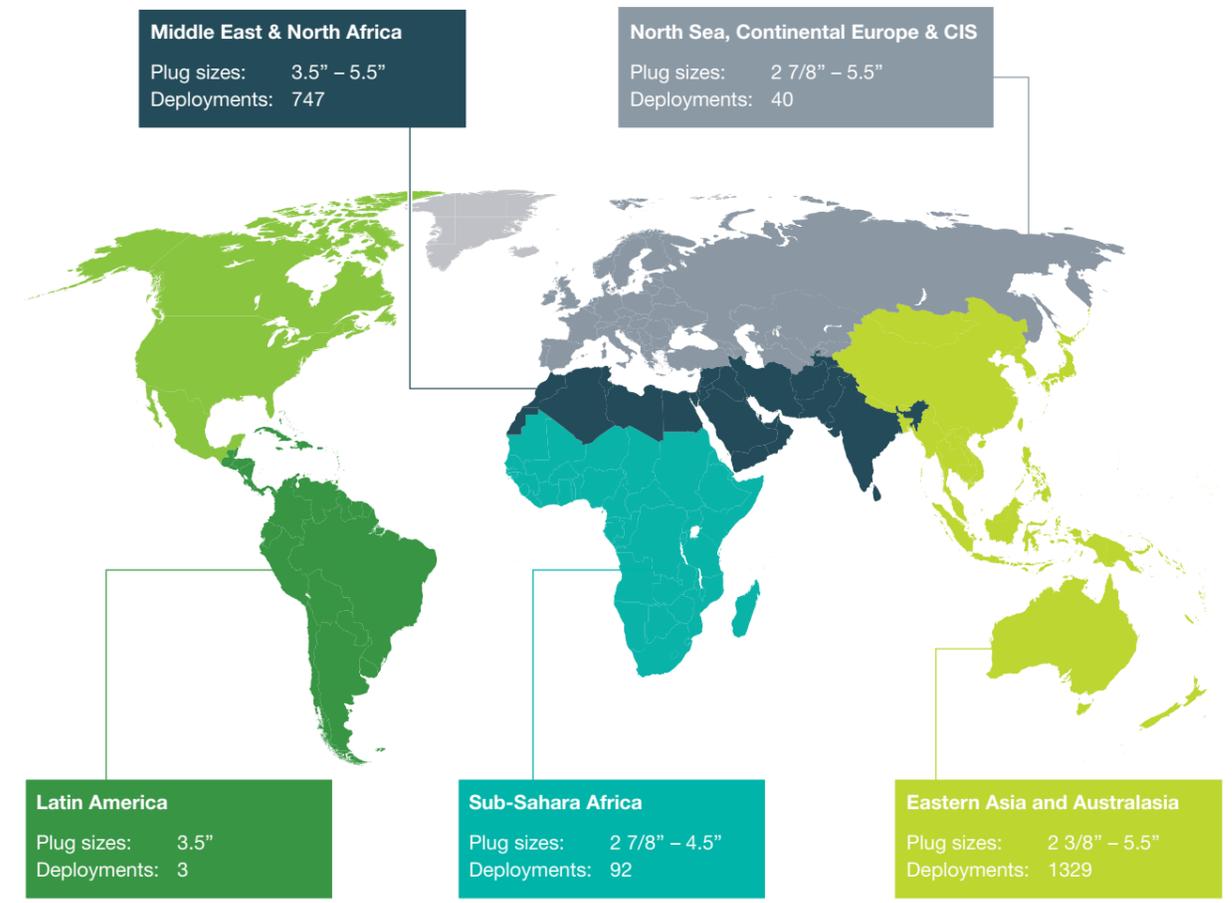
Confidence in a proven design

A safe and cost-effective means of managing producing zones for operators worldwide.

Since it was first developed in 2005, Peak Well Systems has successfully run the SIM System in varied applications, in different locations, over 2,000 times - establishing itself as a leader in the design and provision of plug systems worldwide.

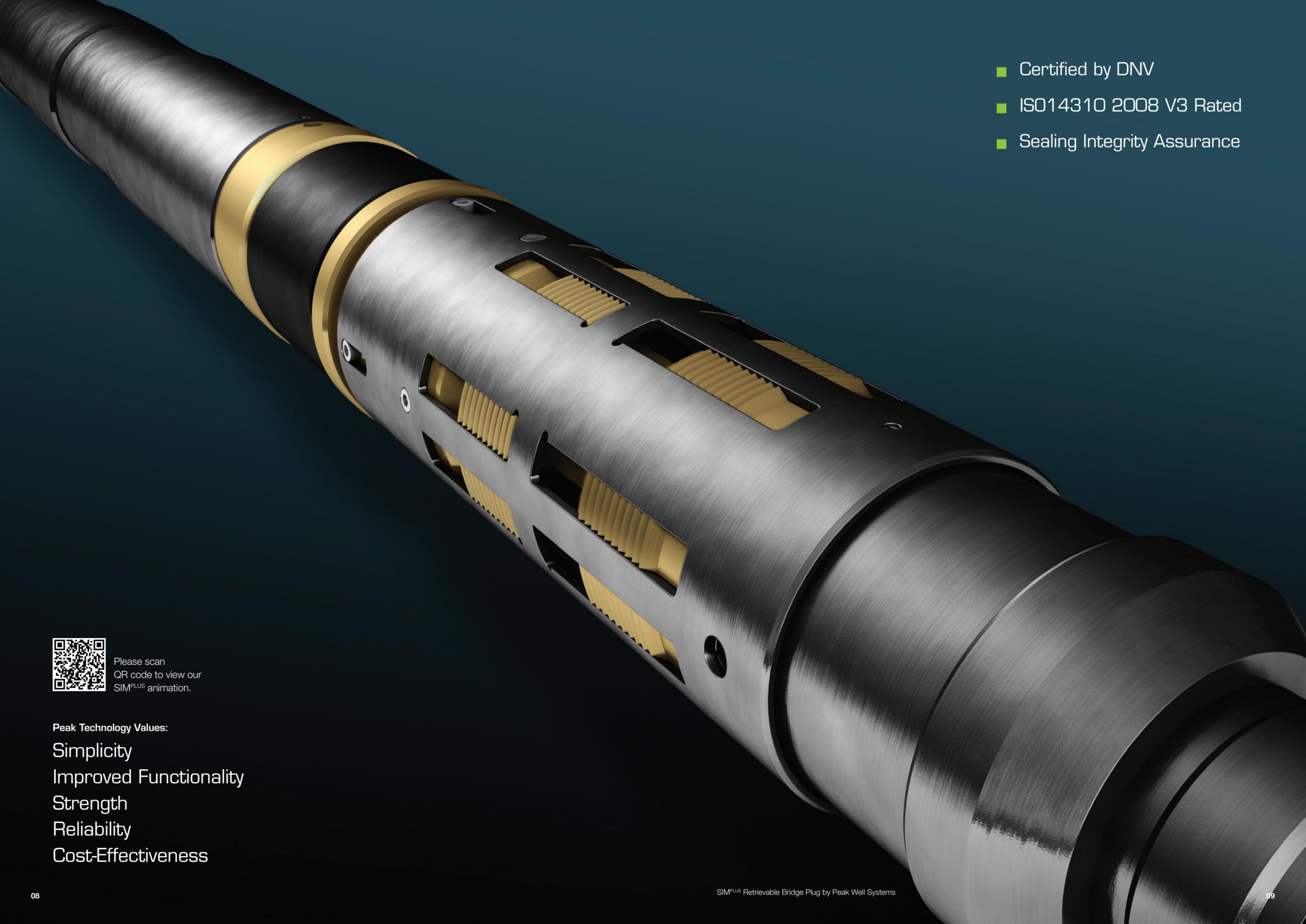
Its success has been proven in wide-ranging well conditions:

- Highly deviated wells (72°)
- Depths in excess of 14,000ft
- High concentrations of CO₂ (> 60%)
- High debris environments
- Differential pressures up to 7,500psi at 250°F or 5,000psi at 350°F



SIM System deployment as at March 2015

SIM^{PLUS} products are deployed by experienced Peak Field Specialists to ensure full compliance with ISO14310 quality levels. Our approach ensures the consistent high performance of our products and delivery of exceptional customer service for which Peak is renowned.



- Certified by DNV
- ISO14310 2008 V3 Rated
- Sealing Integrity Assurance



Please scan
QR code to view our
SIM^{PLUS} animation.

Peak Technology Values:

- Simplicity
- Improved Functionality
- Strength
- Reliability
- Cost-Effectiveness

SIM System for Flow Control

A superior range of interchangeable modular flow control products that deliver ultimate flexibility for well intervention, remediation and well integrity operations.

Reduce well operating costs.
Improve well performance.



Simple Safe Assured

Rentals

If, for any reason, you don't wish to purchase equipment, there are many reasons to consider renting our SIM System technologies: immediate mobilisation, reduced CAPEX, increased flexibility, and the option of either short or long-term rental packages.

At Peak Well Systems, we manufacture and maintain a large inventory of both standard and specialist tooling, including SIM Systems, Fishing Tools and Toolstrings for rental. We have rental tools available for a wide range of tubing sizes, and for all connection types, including those compatible with industry quick connections.

Our rentals are supplied with technical data manuals, full certification documentation and redress kits to ensure that our equipment is easily deployed and maintained. Should our customers require support on site, Peak also has a team of specialist operational personnel who can work alongside your crew.

For all your rental enquiries, please contact us at info@peakwellsystems.com

We have rental tools available for a wide range of tubing sizes, and for all connection types, including those compatible with industry quick connections

After Sales Support

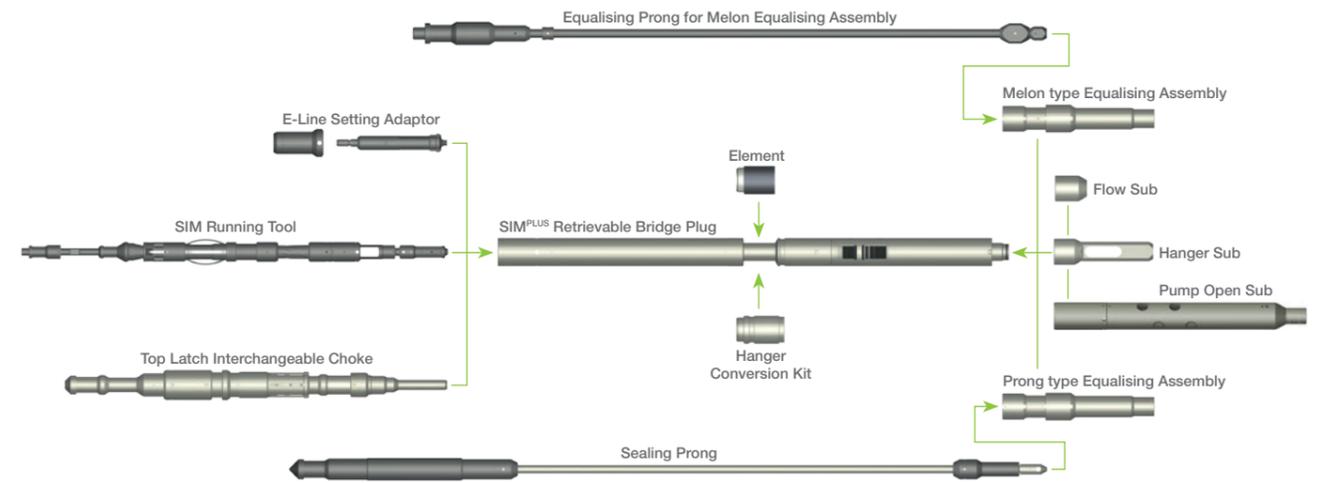
Peak Well Systems prides itself on providing a superior level of customer service that always meets and usually exceeds the expectations of our customers around the world.

Using Peak products is about building partnerships with Peak and feeling assured that you are working with specialists that understand the challenges - before, during and after deployment.

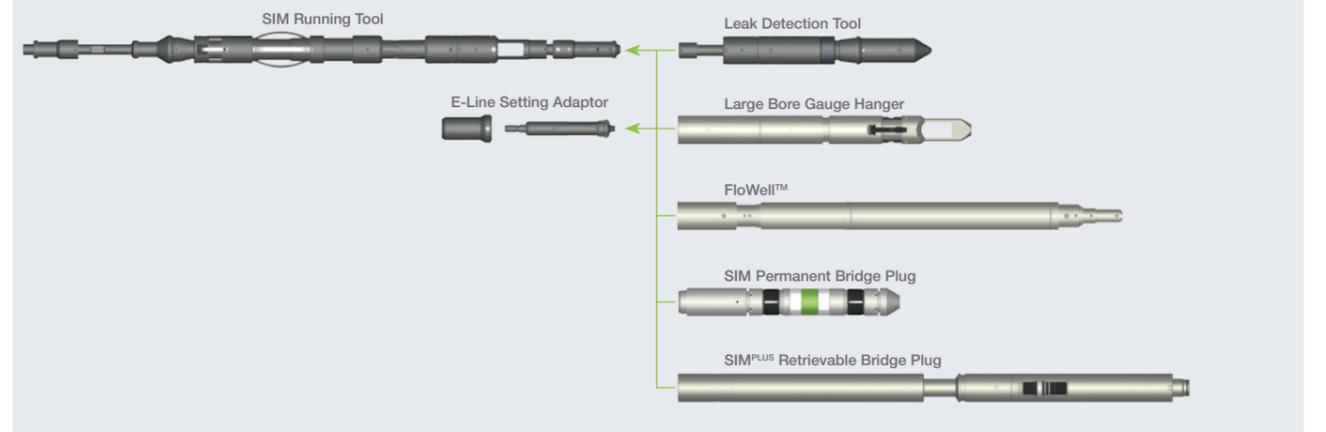
Customers can benefit from a range of After Sales Support options including:

- Redress Kits
- Training
- On-site support from Peak Field Specialists
- Assembly Animations

SIM System: Interchangeable Modular Components



SIM System Variants



For illustrative purposes only – not to scale

About Peak Well Systems

Peak Well Systems is a leading specialist in the design and manufacture of advanced downhole tools for well intervention. We provide both operators and service companies around the world with an extensive range of innovative downhole products, expert field deployment and aftermarket support. Our aim is to reduce well operating costs and improve well performance for our customers.

Our product portfolio comprises of Flow Control systems, which are fast becoming the products of choice around the world, and Premium Well Intervention tools for remedial well maintenance.

All Peak products are designed to be **Simple, Safe and Assured.**



Please scan QR
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Peak Technology
TV Channel



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Perth | **Aberdeen** | **Kuala Lumpur** | **Dubai**



Perth, Australia

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