



 **ZEROTIME**  
LOGGING **WHILE** WORKING

POWERED BY

 **READ** | CASED  
HOLE

Every day and on every job we deliver fast, accurate answers that enable our customers to make qualified decisions quickly and with confidence.

The intelligence we provide helps operators to minimise operational risk, maximise operating efficiency and minimise intervention costs.





## Know your well. Inside and out.

ZeroTime™ is a game-changing logging-while-working solution. Thanks to its ruggedised technology and smart design, high-precision sensors can be seamlessly integrated into almost any bottom hole assembly (BHA), enabling detailed diagnostics to be performed simultaneously during high-force mechanical interventions, without compromise.

By adding intelligence to routine trips in hole, ZeroTime™ provides a detailed understanding of downhole conditions, eliminating the need for stand-alone diagnostic surveys. This enables operators to plan their next move in total confidence with zero-added rig time.



“ Enables operators to plan their next move in total confidence with **zero-added rig time.** ”

# ZeroTime™

## The smart way to log.

ZeroTime™ combines our industry expertise, strong service approach to customers, intelligence gathering prowess and field-proven technology.



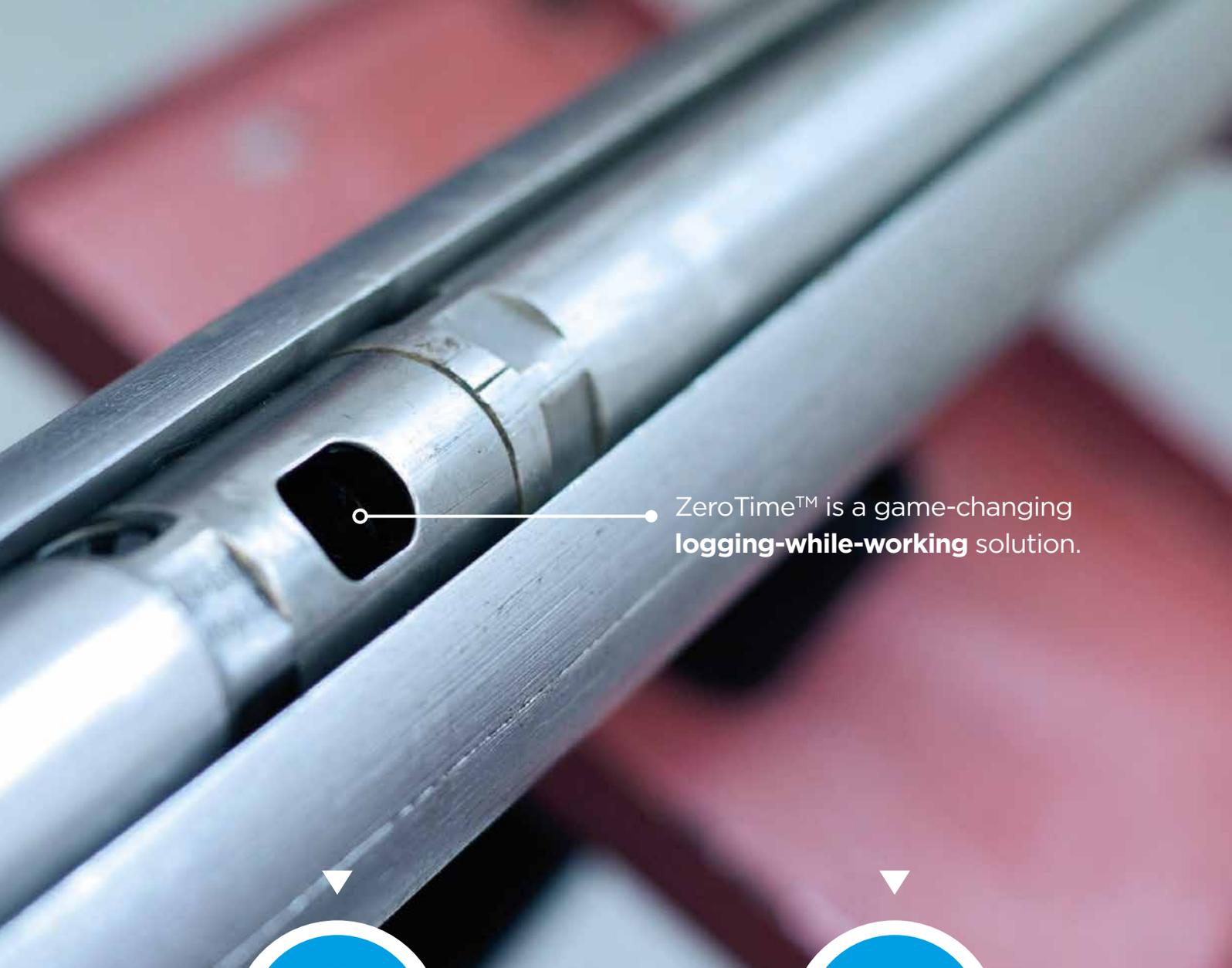
### [ Expertise ]

With over 25 years of operational expertise, we combine best-in-class technology with best-in-market diagnostics and are dedicated to providing the most time efficient and cost effective cased hole logging solutions. We employ a highly skilled team of logging specialists who have acquired and analysed over 14 million feet of data and have performed over 800 ZeroTime™ surveys in the North Sea.



### [ Service ]

ZeroTime™ is a game-changing, yet straightforward solution that delivers time efficient and cost effective well interventions. Thanks to a compact footprint and low crewing requirement, ZeroTime™ is the agile, on-demand service that adds valuable insight across a range of mechanical interventions. By integrating with your normal operational sequence and eliminating the need for stand-alone logging runs, ZeroTime™ is the smarter way to log.

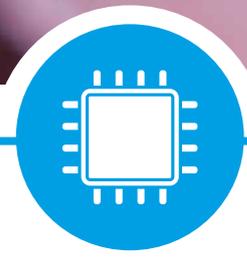


ZeroTime™ is a game-changing **logging-while-working** solution.



### [ Intelligence ]

We provide high accuracy, to-the-minute, downhole intelligence that enables operators to make qualified decisions, quickly and with confidence. As a global independent logging specialist we provide factual and impartial answers at the well site, allowing our customers to respond dynamically and decisively to maximise the efficiency of their well interventions.



### [ Technology ]

Our combination of industry-leading ruggedised technology and smart design enables the seamless integration of high precision sensors into almost any bottom hole assembly. Whether deployed on drill pipe, coiled tubing or slickline, our technology, combined with extensive know-how and bespoke analysis solutions, enables detailed diagnostics to be performed simultaneously during high-force mechanical interventions without compromise.

# Addressing challenges.

ZeroTime™ has been developed to address a number of industry challenges including operational efficiency, cost effective well intervention, operational risk and operational safety.

Thanks to its smart design and rugged construction, ZeroTime™ technology can be seamlessly integrated into almost any bottom hole assembly to enhance the efficiency of a wide array of mechanical interventions as illustrated by the table below:

Application	ZeroTime™ logging-while-working solution	Efficiency benefits
Tubing conveyed perforating (TCP)	Correlation relative to formation using drill pipe conveyance during clean-up run	<ul style="list-style-type: none"> <li>– Reduced time to space out guns</li> <li>– Elimination of wireline costs</li> <li>– Reduced risk / number of trips in hole</li> </ul>
Sliding Sleeve Device (SSD) position manipulation	SSD position mapping using coiled tubing or slickline conveyance during shifting operations	<ul style="list-style-type: none"> <li>– Reduced time to confirm SSD manipulation</li> <li>– Reduced risk / number of trips in hole</li> </ul>
Leak detection	Location of leak sites using coiled tubing or slickline conveyance during drift run	<ul style="list-style-type: none"> <li>– Reduced time to identify remedial solution</li> <li>– Reduced risk / number of trips in hole</li> </ul>
Gas lift valve integrity	Identification of failures and confirmation of repair using slickline conveyance during drift/remedial runs	<ul style="list-style-type: none"> <li>– Reduced time to identify remedial solution</li> <li>– Reduced time to confirm remedial success</li> <li>– Reduced risk / number of trips in hole</li> </ul>
Intelligent drift	Determine BHT/BHP using drill pipe, coiled tubing or slickline conveyance during clean-up or drift runs	<ul style="list-style-type: none"> <li>– Reduced time for data acquisition</li> <li>– Reduced risk / number of trips in hole</li> </ul>

# ZeroTime™ Making every trip count.

>800

Successful surveys in the North Sea\*

>\$70M

Cost saving to industry\*

>400

Operational days saving to industry\*

\*Estimates based on market conditions at time of print.

To find out more please visit  
[www.readcasedhole.com](http://www.readcasedhole.com)