

# InnerVue™ Pipeline Blockage Detection

A NON-INTRUSIVE SOLUTION TO LOCATE BLOCKAGES AND STUCK PIGS

## OVERVIEW

The ability to identify the location of a blockage or stuck pig is critical for effective and timely remediation. InnerVue™ is a fast and accurate application based on pressure wave analysis giving operators a unique insight to assist management of the flow performance and integrity of their assets.

### How it works

A pressure wave, or 'pulse', is created by bleeding a small amount of pressure from the system. The pulse then travels along the pipe at the speed of sound and returns a reflected wave from the blockage. A highly sensitive transducer and high-resolution data logger is used to record the pulse generation, transit and response. The collected data is then analysed using purpose designed software and patented algorithms representing the location of the blockage.

### APPLICATIONS

- Stuck pig
- Hydrates
- Wax, scale and sand blockages
- Umbilical blockages

### FEATURES

- Operation takes less than 10mins to perform
- Location accuracy to within 0.4% of pipeline length
- Hand-carry equipment package
- Only one technician required

### BENEFITS

- Call-out at short notice
- Fast turnaround of survey results
- Can measure the full length of blockage
- Pin-point location for pipeline cutting

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