DATA SHEET

HALLIBURTON

Pipeline Services
Diagnostics

APPLICATIONS

- Buried and remote pipelines
- Subsea and deepwater
- Integrity and emissions monitoring
- Product theft surveillance

FEATURES

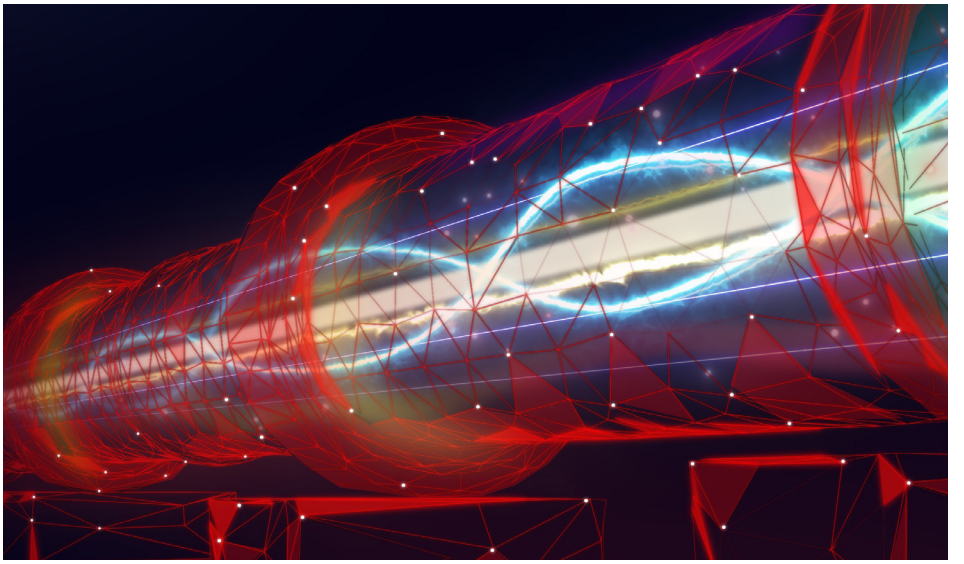
- Single instrument tie-in point
- Suitable for use when the leak is occurring, not only the rupture event
- Collect data rapidly with minimal equipment and personnel

BENEFITS

- Call-out at short notice
- Validate theoretical models
- Responding quickly to the leak in order to limit environmental damage
- Effective planning of remedial actions

InnerVue™ Pipeline Leak Identification

Non-intrusive location and quantification of leaks.



Leaks and or product theft can have a significant impact on a business, both environmentally and financially. Being able to quickly assess the location and severity of a system integrity breach is critical in order to react swiftly with an effective remediation plan. The InnerVue™ leak detection application is based on pressure wave analysis and used to locate and quantify ongoing leaks. This technique can be used on-demand throughout an extended leak event.

How it works: applicable only for liquid systems.

A pressure wave, or 'pulse', is created within the pipeline and travels at the speed of sound. This pulse returns a reflected wave that corresponds to any features detected in the pipeline that adversely affects the flow. A highly sensitive transducer and high-resolution data logger is used to record the pulse generation, transit and response. The data is then analysed using purpose designed software and patented algorithms to reveal the location and volumetric loss of undesired fluid or gas emissions.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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