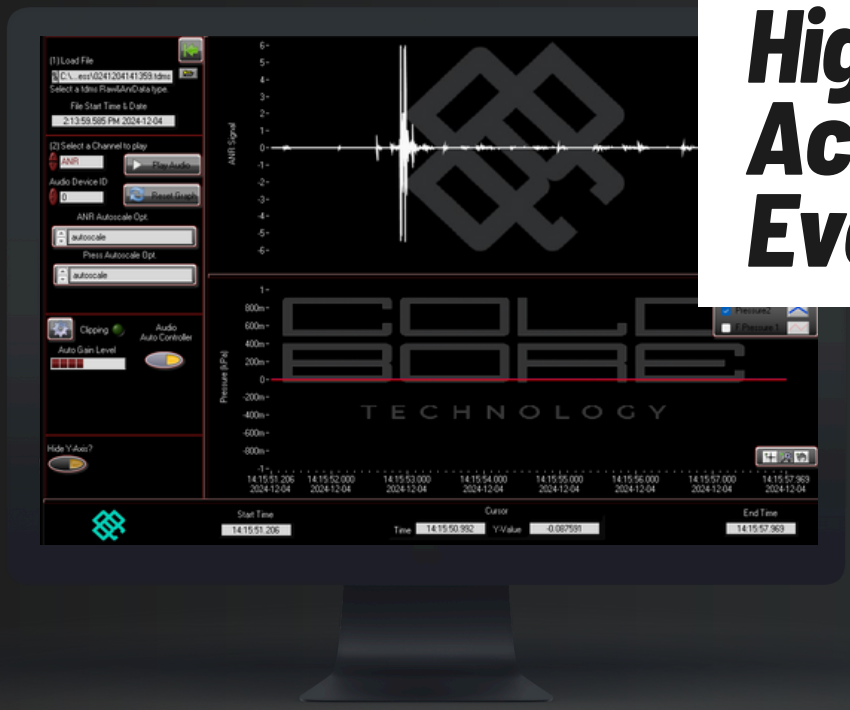
INTELLISONIC

A COLD BORE TECHNOLOGY



High Frequency Acoustic & Pressure Event Monitoring

Unlock critical insights into your completion operations with IntelliSONIC, the industry-leading solution for high-frequency, wide-range pressure and acoustic monitoring.

Our proprietary IntelliSONIC identifies and displays real-time pressure and auditory signature events, through high-resolution receivers and pressure sensors.

KEY FEATURES

ACTIVE NOICE REDUCTION

Filters out irrelevant sound, in order to isolate, characterize, classify, record, and relay primary events in real-time and with unparalleled precision.

REAL-TIME MONITORING

Provides immediate event confirmation through both on-site displays and cloud-based remote access from anywhere in the world.

SAFETY-DRIVEN TECHNOLOGY

Supports better decision-making with real-time visibility.
Prevents operational delays and brings you value by empowering you to make immediate decisions.

USE CASE

"KNOW WHEN IT'S RIGHT"

Have you ever dropped a ball or dart and been unsure if it seated correctly? With IntelliSONIC, you will hear and see the precise signature of a successful event, eliminating guesswork and ensuring your operation stays on track.

- Example: During a recent job, IntelliSONIC confirmed a failed seating in real time, saving hours of pumping time and thousands of dollars in wasted resources.

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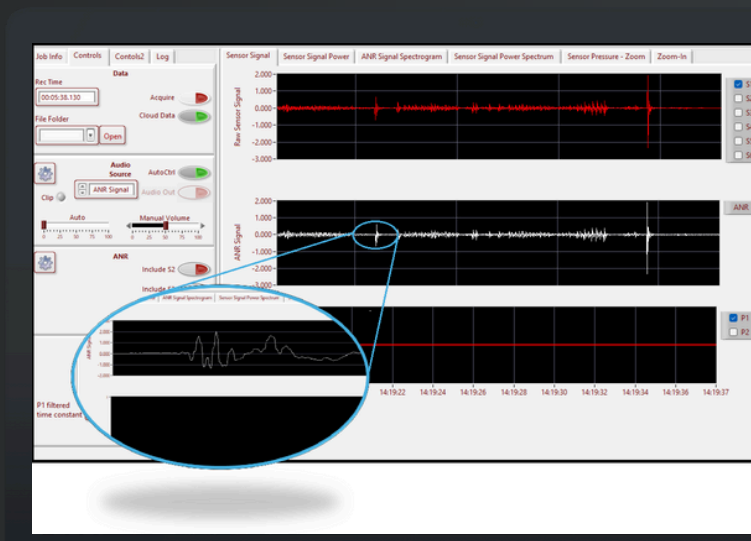

WHY CHOOSE INTELLISONIC?

IntelliSONIC is more than monitoring—it's about enabling smarter, faster decisions. Gain visibility into events that no other system can capture, with precision that keeps your operations efficient and your team safe.

SPECS

ACOUSTIC SENSOR SAMPLE RATE	>1000 samples / second
PRESSURE SENSOR SAMPLE RATE	>1000 samples / second
MAXIMUM SENSOR CABLE LENGTH	120m
ACOUSTIC SENSOR SHOCK LIMIT	5000g
ACOUSTIC SENSOR TEMPERATURE RANGE	-50 to +90 °C
PRESSURE SENSOR COMBINED ACCURACY (BFSL)	≤ ± 0.25% FSO
PRESSURE SENSOR OPERATING TEMP. RANGE	-40°C to 85°C
PRESSURE SENSOR HAZARDOUS AREAS CLASSIF.	ATEX / IECEx
PRESSURE SENSOR EXPLOSION PROTECTION ATEX	Ex (Explosion Protection Symbol)
PRESSURE SENSOR TYPE OF PROTECTION ATEX	ia (Intrinsic Safe for Zone 0 / Zone 1 / Zone 2)
ACOUSTIC SENSOR HAZARDOUS AREAS CLASSIF.	Ex ia (Intrinsic Safe for Zone 0 / Zone 1 / Zone 2)
ACOUSTIC SENSOR GAS GROUP	IIC (Most Dangerous Group)

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