



# PipeSense



## False Positives? Doesn't Ring a Bell.

### PipeGuard: The Future of Leak Detection Technology

It's time to rethink your relationship with leak detection. By applying cutting-edge, ultra-high-frequency pressure sampling and machine learning technology to a traditional analog industry, PipeGuard pinpoints and validates even the smallest anomalies with unparalleled speed and precision.

### When Peace of Mind is on the Line, PipeGuard is Common Sense\*

\*No fine print here — just concrete, granular and always accurate insight.

#### Nonsense

Relying on guesswork and playing Russian roulette with productivity, profitability and community well-being.



Resources drained  
on false positives



Hours to days searching  
for leak events



Product loss from  
delayed response



Real leaks dismissed  
as false alarms



Constant maintenance,  
stress, and uncertainty

#### Common Sense

Making decisions based on data-driven,  
real-time intelligence and precise geolocation.



99.998% leak  
detection accuracy



Pinpoint leak locations  
within 20-50 feet



Immediate action for  
uninterrupted productivity



Near real-time  
leak verification



Autonomous 24/7 monitoring  
with no recalibration required

#### World-Class Technology Built for Deployment

- Meets PHMSA RIN 2137-AF06 & 49 CFR Parts 192 & 195 (Valve Rule) standards
- API RP 1130 compliant—meeting the highest industry benchmarks
- Easily integrates with existing SCADA, DCS, and monitoring systems

## Here's how:



### In Under 5 Minutes

Know when and where leaks occur (and act immediately)



### Across Any Pipeline or Flow Condition

Liquid, gas, multi-phase, onshore, or offshore



### Securely & Seamlessly

Real-time alerts via text, email, web app, or SCADA/DCS



### Effortlessly & Intuitively

Layers onto existing leak detection systems with no impact.



### Sustainably & Reliably

Solar battery-powered, and Starlink-ready for remote locations.



### With Your Priorities in Mind

Customized monitoring systems to focus on what matters most.

## Here's why:

### Ultra-High-Frequency Precision

Captures 1,000 pressure readings per second for high sensitivity and instant leak detection

### Advanced Data Analysis

Transforming layered analysis of your pipeline pressure data into distinctive leak signatures that differentiate real leaks from routine pipeline activity.

### Real-Time Edge-Computing

Ultra-sensitive real-time edge based data processing ensures we capture every event that might be a pipeline leak.

### AI-Driven Leak Verification

Machine learning algorithms analyze thousands of real-world leak and non-leak events to eliminate false positives

