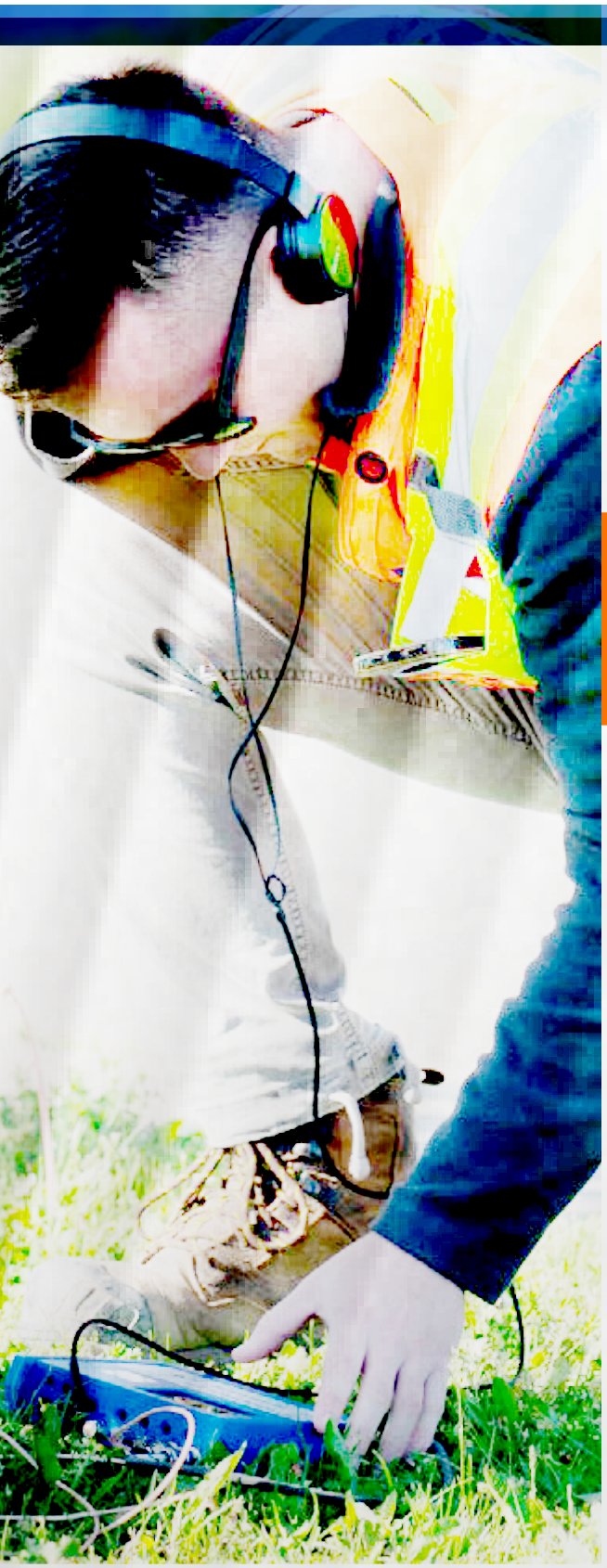
DYNAMIC RESPONSE IMAGING ™ (DRI)

Pipeline Condition Data Simplified.



Dynamic Response Imaging (DRI) is an innovative, accessible, and non-invasive technology solution that helps utilities tackle their most pressing Pipeline Condition Assessment and Asset Management challenges. DRI provides utilities with simple yet powerful data to make informed decisions about their infrastructure, optimizing both operation and maintenance.

ADVANCED EXTERNAL PIPE CONDITION ASSESSMENT

Solving key infrastructure data challenges

Prioritizing Capital Replacement
DRI technology provides accurate, actionable data, helping utilities prioritize capital replacement and optimize financial resources. Our condition data enhances desktop models, refining prioritization and predictive maintenance strategies.

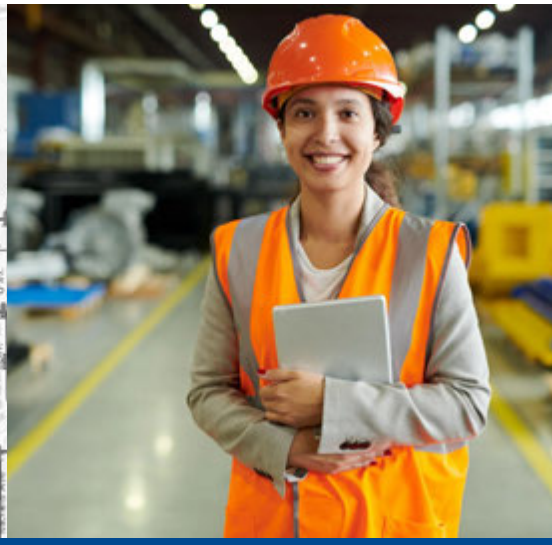
Condition Assessment of Distribution Mains
Gather condition assessment data for essential distribution pipelines. DRI provides a non-invasive, precise evaluation to identify pipes needing immediate repair and predict remaining service life.

Assessing Hard-to-Inspect Infrastructure
DRI's external approach can assess infrastructure where other technologies cannot reach or are ineffective.

What is Dynamic Response Imaging™ (DRI)?
DRI uses advanced nonlinear vibroacoustic technology to provide detailed, actionable pipeline condition data. This innovative approach combines advanced hardware, sophisticated software, and proprietary analysis to deliver comprehensive insights into pipeline health.

DRI detects subtle variations and anomalies in pipe materials and conditions that other methods might miss, helping utilities optimize operations and extend infrastructure lifespan without invasive procedures.

How DRI Technology Works
KenWave's patented dynamic response-based method simplifies data collection across all standard pipe types, materials, and sizes, offering sub-pipe stick resolution. DRI uses nonlinear vibroacoustic phenomena to analyze vibration signatures from pipes in service. This analysis pinpoints the location and severity of issues such as stiffness variations and leaks. Additionally, the collected data can be analyzed against pipe material characteristics to produce accurate measurements of wall loss, composite stiffness, or brittleness.



FEATURES & BENEFITS

- Pipe material & size agnostic
- Works with lines currently in service
- No risk to water quality or level of service
- Minimal utility operations support
- Simplified external data collection
- Globally validated projects
- Data accepted by asset management regulators
- Sub-pipe stick resolution