

# VIBRATION ANALYSIS

for predictive maintenance  
and condition monitoring

Based on LoRaWAN  
technology for long-range  
wireless connections



The vibration analysis and condition monitoring solution from Radio Bridge provides advanced predictive maintenance capabilities for rotating machines and other equipment.

Continuous 24/7 monitoring of your assets will detect early signs of wear and warn you before a failure occurs, saving you downtime and expensive repairs.

## APPLICABLE TO

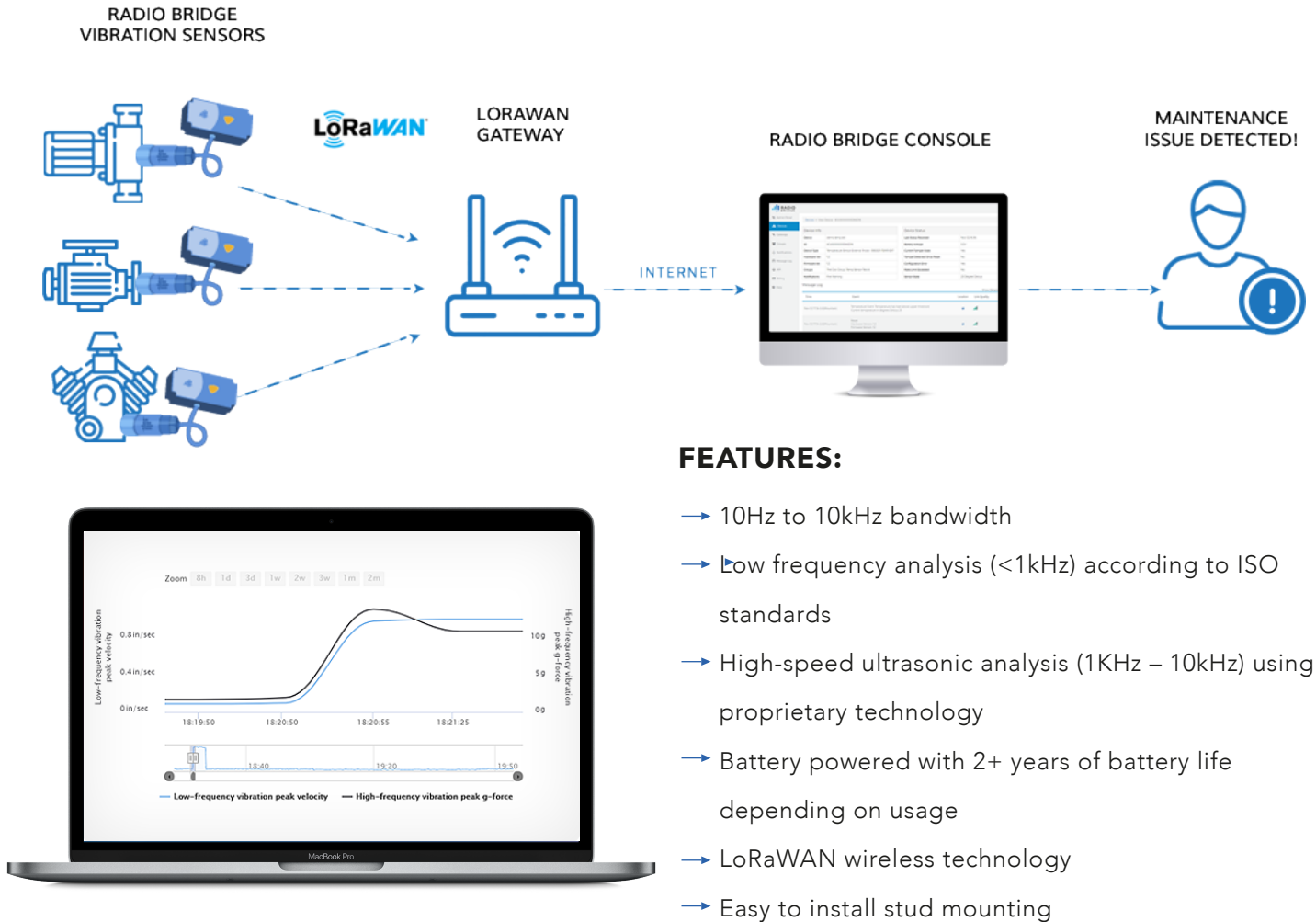
- Motors
- Gearboxes
- Pumps
- Fans
- Compressors
- Other equipment

## TYPES OF FAILURES DETECTED

- Bearing faults
- Misalignment
- Lubrication problems
- Imbalances
- Gear mesh defects
- And more

# ADVANCED DATA ANALYSIS

Vibration monitoring starts at the source — your vibration sensors. These Internet of Things (IoT) devices begin the process by collecting data and sending it to Long Range Wide Area Network (LoRaWAN) gateways located on-site with the sensors. These gateways relay the data to the Radio Bridge Console located in the cloud, and you receive an immediate notification if a maintenance issue has been detected.



Contact us for more information  
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