

# MAXIMIZE CONSTRUCTION OPERATIONS WHILE LIMITING ENVIRONMENTAL IMPACT

Maximize business growth and minimize your community impact with Sentinel  
– Brüel & Kjær's unattended environmental monitoring and management service.

## Improve environmental management

If not managed properly, construction sites can trigger nuisance complaints. In extreme cases, regulatory authorities may be brought in to impose operating restrictions or halt construction – delaying progress and increasing costs.

Sentinel monitors environmental impact 24/7 with real-time alerts for a quick response and identifies sound sources to determine root causes (and exclude noise not produced from construction operations).

The web-based system can monitor for excessive ground vibration that may increase the risk of structural damage to nearby buildings, and high dust concentration to mitigate this health issue for workers and the surrounding community.

## The Sentinel advantage

Whether your project is short- or long-term, optimize business operations and build better community and regulatory relationships with a Sentinel subscription. Its unmatched capabilities have established Sentinel as the leading monitoring service for construction projects, mines, ports, oil/gas companies, wind farms, waste management, industrial facilities, hospitals, municipalities and entertainment venues worldwide.

Discover how simple monitoring noise, vibration, dust, air quality and weather can be when incorporating Sentinel into your environmental management plan.

## Maximize operations

- Obtain reliable, accurate data from anywhere, anytime to immediately identify incidents, make better informed decisions and operate at optimal capacity
- Cost-efficiently monitor sound and vibration continuously to avoid exceeding limitations, project delays, financial penalties and costly litigation
- Manage the risk of damage to nearby structures to decrease costs and maximize operations
- Avoid exceeding noise, vibration and dust restrictions for regulatory compliance
- Improve community engagement to decrease complaints and increase support
- Implement a transparent communication approach to keep neighbours and regulators content



[www.bksv.com/sentinel](http://www.bksv.com/sentinel)