

# NoisePlatform

## APPLICATION SHEET

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### INDUSTRIAL NOISE

#### *THE CHALLENGE: To minimise the environmental impact of noise emitters*

Noise has always been regarded as a side effect of production processes. However, current environmental impact and risk assessment and prevention regulations related to the exposure of workers to noise are posing new challenges in the design of new industrial plants or when extending or modifying existing facilities.

The main inconvenience in these situations normally lies in the presence of highly time-specific and quantitatively parameterised fixed noises, compounded by intermittent noises which often lead to offences for being over the limits and which sporadic or one-off measurements cannot assess.

#### *THE SOLUTION: NoisePlatform continuously monitors noise at several points simultaneously*

NoisePlatform makes it possible to control the noise generated by industry, not only in the surrounding area but also in the receiver's zone.

Moreover, its continuous monitoring function can detect noises from intermittent sources or focal points generated by the actual industrial activity or due to elements in bad condition. Its warning system permits immediate action.

NoisePlatform compares time periods, allowing acoustic consultants and engineering companies to present the validation of implemented solutions clearly.

#### *BENEFIT: Reduce economic costs while complying with noise regulations*

- It assists in the development and verification of solutions for noisy production processes: the replacement of old or damaged machinery, the design of silencers or encapsulations, etc.
- It identifies noise problems before they occur, avoiding shut-downs and project delays, fines and penalties or costly legal action.

In-depth and continuous knowledge of the noise generated and the degree of compliance with the established limits is the first step towards continuous improvement and fulfilment of the ISO 14001 standard.



#### *APPLICATIONS :*

- Chemical plants
- Power generation or transformation stations
- Transport fleet control in distribution centres
- Mining (mines and quarries), gas and petrol extraction activities
- The correction of ventilation systems, smokestacks or outdoor machinery