



# 01dB WebMonitoring

**Cloud services for smart noise & vibration monitoring**

**01dBWebMonitoring** is a simple and efficient solution for environmental noise & vibration monitoring. For a fixed monthly fee and a 3 month minimum rental period, **01dB** offers an extensive range of on-demand services:

- supply of monitoring stations with pre-set parameters,
- data storage and back-up on the Cloud,
- periodic system checks and remote maintenance,
- availability of measured data through a customizable website,
- real-time alarms based on thresholds for quick decision making.

Cost effective, reliable and versatile, **01dB WebMonitoring** takes the hard work out of monitoring and lets you focus on the data and results.

## A SOLUTION for every need

**MANAGE** noise emissions from your entertainment venue to reduce community impact



**MONITOR** urban noise levels to validate noise maps and inform noise reduction action plans

**DEMONSTRATE** the results of noise mitigation efforts at your industrial site



**ENGAGE** in developing more sustainable airport operations

**IMPROVE** and maximise the availability of your race track

**COMMUNICATE** to neighbours the noise and vibration impact of your building site



# 01dB WebMonitoring

Free your mind with a complete package\*

## ON THE FIELD



## 01dB TECHNICAL CENTRE



FTP



## WEB COMMUNICATION



dB

## ALARM INFORMATION



Provision of appropriate noise & vibration monitoring stations (DUO, OPER@ or dB4).  
Option: Weather station  
3G modem with SIM card and related subscription  
Possible use of the customer's 01dB hardware platform where applicable

### FTP

Download raw data via FTP link  
Use of the dBTRAIT software for data processing & analysis

### dB

Real-time display of measured data (noise, vibration, meteorological) together with GPS localisation  
Real-time time histories and spectrograms  
On demand or continuous display relying on a 30-minute buffer memory (option)



In-situ and remote setup of monitoring stations based on project specific requirements  
Remote access and control of monitoring stations during the project if needed



Part replacement or system exchange within 72 hours in case of failure\*  
On site repair service\*  
On-site installation and retrieval of monitoring stations



Alarms management on the website  
Real-time alarms based on up to 2 user-defined thresholds  
Automatic counting of events above thresholds  
Coordination of multiple thresholds including across multiple locations



Regular remote access and review by the 01dB team of the complete system (stations, communication, server)  
Real time alerts of power failure and communication breakdown



Customer support hotline for system setup and management



Website display of data, available in 8 languages  
Public or private website with secure access (login and password)  
Customisable graphic template (option)



Customized reporting (PDF, Word, JPEG format)  
Summary webpage - Yearly calendar reporting about selected indicator (noise, vibration, alarms...)

Automated check of the entire measurement chain's integrity (multiple frequency CIC principle)



Calculation and display of average and sliding indicators (Lden, Ln, Leq per period, Lmax...)



Cloud data storage  
Back-up and periodic archives  
Automated replication (option)

Range of graphic displays: time histories, daily and weekly summaries, 01dB HeatMap, spectrograms...

\*Services vary by country. Please contact your local representative for more information.

