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

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

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

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

Cloud data storage

Back-up and periodic archives

Automated replication (option)

FTP Download raw data via FTP link

Use of the dBTRAIT software for data processing & analysis

Part replacement or system exchange within 72 hours in case of failure*

On site repair service*

On-site installation and retrieval of monitoring stations

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)

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

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

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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)

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

Customized reporting (PDF, Word, JPEG format)

Summary webpage - Yearly calendar reporting about selected indicator (noise, vibration, alarms…)

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

The features presented are not contractual and are subject to change without notice. October 2013 B