

DATA SERVICE ENVIRONMENTAL MONITORING

Data Service (DS) is an environmental monitoring system that continuously collect and analyze acoustic and air quality data from the monitoring terminals, returning reports, graphics and multimedia data as output.

Equipped with an eye-catching and customizable web interface, DS is a user-friendly tool, designed to help "non-specialists" in environmental management.

It can be provided as a cloud service and is available for different devices (PC, laptop, tablet and smartphone).



APPLICATION FIELDS

DS is a VERSATIL tool, designed to be applied to a wide range of sectors also very different from each other.

Same example of application:

- Airports
- Urban Areas
- Building sites
- Parks
- Manufacturing companies
- Mines
- School & Public Offices
- Other

FEATURES

- Real-time noise levels displayed on map or graphs
- Air quality detection (volatile organic compounds (VOC), formaldehyde, ozone, PM1, PM2.5, PM10, carbon dioxide, etc.)
- Relevant weather conditions (temperature, atmospheric pressure, relative humidity)
- Sonogram, frequency graphs, air graphs
- Averaging over a period chosen by the user
- Assignment and management of the site's acoustic classes
- Compatible with the sound level meters of the main manufacturers
- Location history of monitoring terminals
- Support Google Maps location display
- Customizable search filters. Multi-language
- Warnings and alerts handling. Threshold setting
- Customizable elements for the public viewer
- Identification and storage of thresholds exceeded with all parameters (audio files included)
- Data, reports and graphics can be exported in the most common standard formats (xlsx, PDF, PNG, etc.)



DATA SERVICE

DATA SERVICE ENVIRONMENTAL MONITORING

ADVANTAGES/BENEFITS

Understand the real environmental impact of your business

It allows the analysis of pollution related to your business and the investigation of community complaints in order to take actions to mitigate future risks of environmental impact.

Stakeholder engagement & improved reputation

The sharing of data with citizens and communities through an interface designed for the public, allows to obtain the reputation of a reliable and transparent company, involved in the management of environmental issues. Developed to comply with noise regulations, DS also simplifies relations with the authorities

Time reduction & risk mitigation

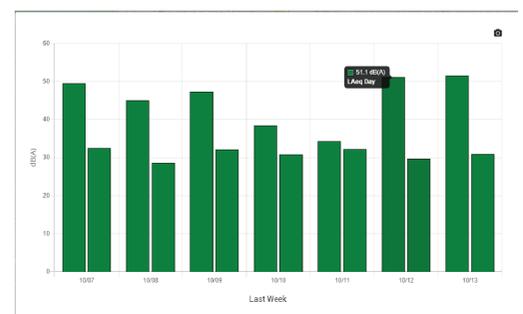
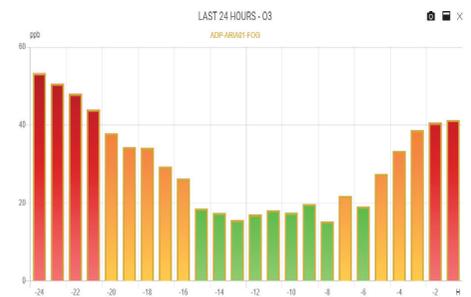
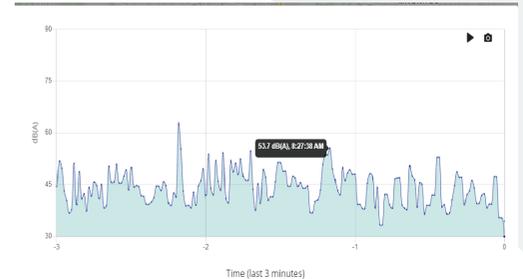
- By facilitating planning and control, DS helps decision-making processes and reduces operational risks by validating noise abatement plans
- Customizable indexes and reports that can be exported in standard format: reduces the time required for reporting activities and simplifies the decision-making process

Predict, plan & control

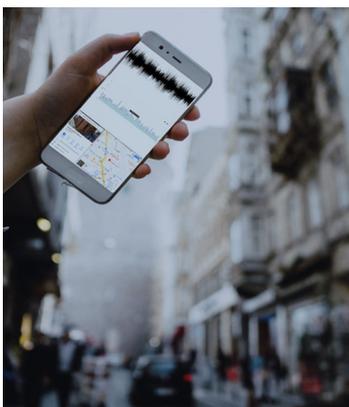
- Detect the potential impact of noise and pollution on communities
- Detect the best time to carry out specific operational activities while avoiding negative impacts using noise modeling
- It informs and validates noise abatement and pollution reduction plans reducing operational risks

Monitor & comply

- View weather conditions together with community noise and air quality levels
- Timely error alerts from monitoring systems - Resolve them in real time and keep operating within limits



APP



No microphone? No problem!

A simple smartphone is everything you need!

Thanks to the Data Service APP, available for Android and IOS devices, you can record an acoustic event or carry out a noise campaign directly with your smartphone; the measured data is sent to DS for data analysis and management like a normal noise monitoring terminal

