AEROVISION Noise & Flight Tracks Monitoring

Make environmental management easier!
The International Air Transport Association (IATA) forecasts that air transport will double over the next 20 years.

To support this growth, airports must develop and invest in new infrastructures (new runways, new terminals, etc.). Airports must also address the impact of their activities on the environment: reduced carbon footprint, reduced waste, protection of biodiversity and noise management.

In addition to increasingly stringent legislation, communities living around airports now also expect greater transparency. Measuring and reducing environmental impact has become an essential challenge for airports.

01dB is committed to bring them a solution adapted to their needs.

AEROVISION is an aircraft noise and flight tracks management system providing all the tools needed for monitoring, analyzing and communicating on environmental impact. Particular emphasis has been placed on communication with local communities, in order to guarantee the necessary transparency required to ensure the best possible cohabitation.
Unique on the market, AEROVISION represents a real alternative to current systems, which are complex, of limited versatility and costly to operate. AEROVISION is a scalable solution, meeting the needs of airports of all sizes. It is 100% web-based, easy to install and use.
Simplify your environmental management

**Monitoring**
- Measurement and storage of primary data: noise, flight tracks, weather, etc.
- Automatic identification of aeronautical events
- Real-time or non-real-time visualization of flight tracks and noise

**Analysis**
- Analysis of flight tracks and detection of unusual situations
- Long-term statistical calculations
- Printout of information reports
- Verification of compliance with legislation

**Communication**
- Providing local residents with access to flight tracks and noise data
- Management of requests from local residents (questions, complaints, etc.)
- Training of stakeholders (pilots, air-traffic controllers, local residents, etc.)
- Providing information on airport activities (public website, replay of flight trajectories, etc.)
Connected
• OS-independent (runs on PC, Mac, tablet, smartphone, etc.)
• Responsive design (adapts to each type of screen)
• 2D and 3D flight tracks visualization

Easy to install
• Plug & play noise measurement station
• ADS-B station to address a lack of radar coverage
• Minimal IT deployment
• Light client (Internet browser)
• 100% cloud-based (option for hosting at the airport)
• Data management (backup, storage)

Powerful
• DUO or CUBE All-in-One measurement stations (3G, Wi-Fi, GPS, etc.)
• Advanced analysis functions
• Creation of gates and corridors to verify compliance with procedures

Easy to use
• User-friendly and intuitive interface
• Intuitive learning reducing training needs to the minimum
• Analysis levels adapted to all types of user

Affordable
• Three levels of solution for each type of airport

Stay tuned to 01dB
ACOEM

Smart monitoring, diagnosis & solutions

In today’s complex and increasingly fast-moving world, it is essential to keep risks under control. ACOEM helps customers in the industrial, environmental and defence sectors make the right decisions and take the right actions:

• to ensure the productivity and reliability of industrial machines
• to prevent noise and vibration pollution
• to protect personnel, sites and vehicles in military theaters of operation
• to contribute to the development of effective, robust & noiseless products

All around the world, ACOEM’s 450 employees are at the forefront of innovation in monitoring, maintenance and engineering through 01dB, ONEPROD, FIXTURLASER, MEAX and METRAVIB.

For more information, visit our website at acoemgroup.com