

IBANET

Affordable Noise and Track Monitoring

IBANET stands for Internet Based Aircraft Noise and Emissions Tool. Its concept was derived from the requirements of airports and surrounding communities who relied on our specialist skills in aircraft noise measurements and analysis to develop an affordable airport noise and track monitoring tool that really addresses their needs.

The IBANET system is at your disposal for short-term to permanent monitoring of noise, emissions and flight tracks. IBANET is fully scalable to your needs. We support any modality of contract: from full ownership and operation by the customer to our premium data service. And if IBANET is combined with our additional airport noise consultancy services like noise mapping and elaboration of action plans, we are your true one-stop shop for Airport Noise Solutions.

Measurement System

The **IBANET** measurement system is offered with high-end hardware, provided by world-class manufacturers. Since we are independent integrators, we can select the instrumentation with the best price/quality ratio. This ensures a robust and reliable 24/7 operation under all environmental conditions, at an affordable cost.

Track monitoring based on **ADS-B** and radar data is supported, as well as integration with the airport's flight plan data system.

In the case you already have existing measurement equipment, the modular architecture of IBANET allows for its integration, thus minimizing cost. All data recorded in the field is transmitted securely to the central server for post-processing.

Virtual Noise Office

Anotec is much more than a measurement system provider. We are experts in aircraft noise with a host of dedicated tools to support our customers in their day-to-day tasks in the field of aircraft noise. These tasks may range from daily complaint handling, operation of IBANET, periodic reporting, noise mapping, development and monitoring of action plans, preparation of presentations for public outreach, etc. We can be your Virtual Noise Office, performing all these tasks for you, from our own office.

Premium Data Service

We offer a Premium Data Service to those customers that do not want to invest in measurement hardware and on-site server infrastructure and/or do not have the resources or expertise to operate a sophisticated system like IBANET.

You simply subscribe to the data service and we will take care of the rest: installation, operation, maintenance and reporting. This modality allows you to take advantage of the decades of aircraft noise experience of Anotec, without any capital investment.

Complaint Module

In this optional module complaints about aircraft noise can be filed by the public. The system operator can identify the corresponding flight operation by means of a dedicated support tool and feedback to the complainant is automatically generated. A statistics tool is available to analyse the complaints. This module provides the airport a time- and cost-effective tool to resolve complaints about aircraft noise.

Real-Time Module

This optional module allows you to visualize in real-time the data captured by the **IBANET** measurement system. This functionality can be made available to the public, in order to maximize transparency and improve engagement of the public.

