

The next generation in airport noise monitoring and community engagement

Casper Noise is an internal noise management tool for airports that allows them to track compliance with noise abatement procedures, investigate and respond to noise complaints and analyse changes in flight procedures over time.

Casper Noise offers airports a powerful suite of tools to manage airspace changes, community sensitivities and operational changes, which are affecting the airport's growth. Reduce time to manage your noise program and increase the quality using Casper Noise and it's wide range of add-ons.

Combining different data sources (radar/FAA SWIM/ADS-B, flight plan, noise, etc.) and turning these into useful and easy to understand information, is one of the strong points of Casper Noise. Some of the most important features include:

Key Features



Advanced track analysis options



Highly automated complaint management process



Best aircraft noise event detection using propriety algorithm



Advanced Map display options



Insight with a wide range of dashboards



Powerful and easy to use analysis and reporting

BENEFITS



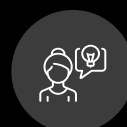
Only real-time noise monitoring system



Modular system



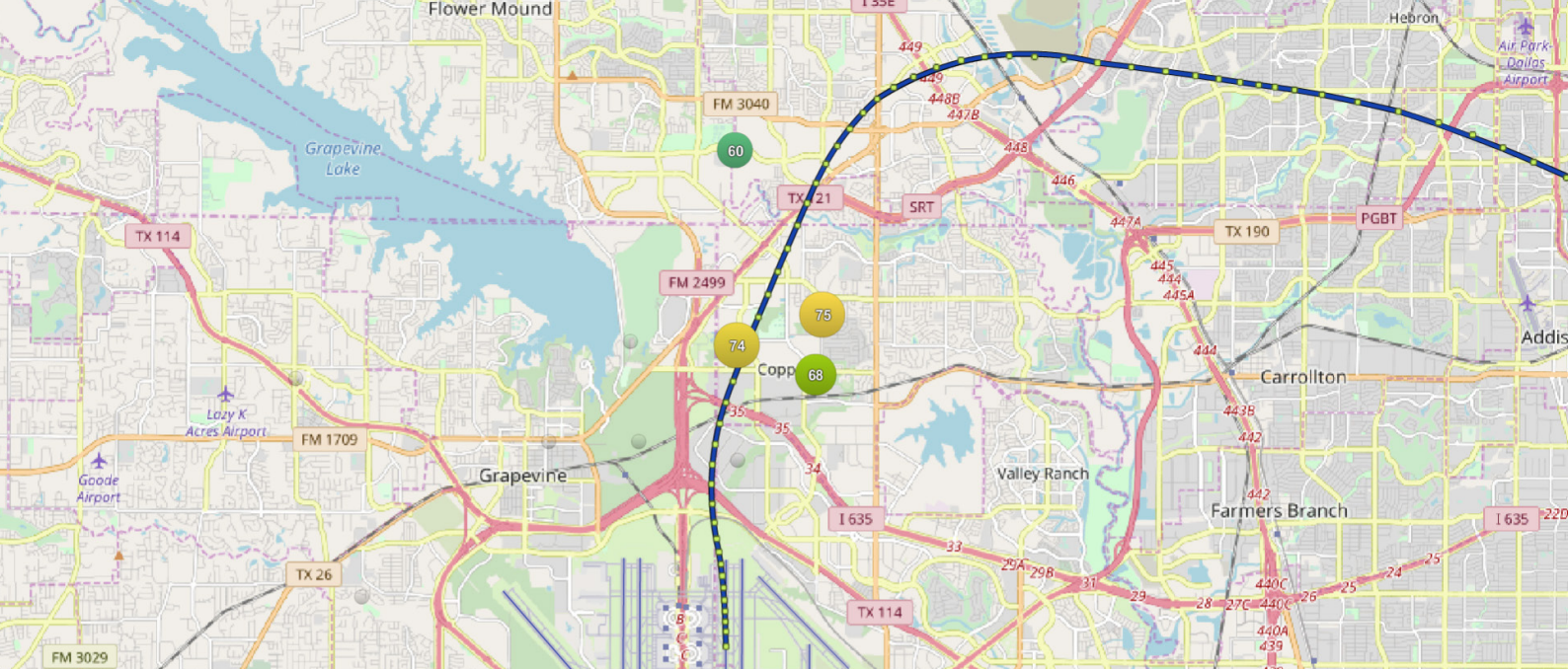
100% cloud based solution



Intuitive and easy to learn and use



Flexible and customizable



Noise and Track Analysis

The advanced aircraft noise detection algorithm is set-up for the best detection of aircraft noise. Noise recordings are stored for further analysis while instant noise playback is also available. Analysing tracks includes monitoring flight movements in relation to noise preferential corridors, but also checking against specific areas, Gates, cylinders or CDO/CCO procedures. Casper Noise makes it easy to analyse the results on the map, in charts and lists and report back to stakeholders using reports or any of the MS Word and Excel export options.



Complaint Management

Complaint handling with Casper Noise will limit the amount of time spent on complaint management and increase the quality of your analysis. Logging of complaints is very efficient by web form, email or voicemail. Advanced analysis of flight movements related to the complaint is very easy using the complaint map analysis options. A response is composed in just a few clicks using the auto fill reply templates. The complaint process is supported by automated reporting.

Reporting

A wide variety of standard report components, can be used to customize dashboards and reports. Custom-made reports, dashboards or ad-hoc queries are all supported as well. Dashboards and reports can run for any user selected period of time, generate very quickly and can be exported to MS Word, Excel, PDF and PNG. Customized maps can be exported directly to PNG or Word for inclusion in a presentation or email. The easy and intuitive reports save time and enhance the quality of communication.

Real-time system

Casper Noise is the only real-time noise and track monitoring system. All information and processing is available in real-time, including flight tracks, noise events, runway matching and complaints. All (processed and correlated) data is available almost immediately for analysis and is automatically pushed to the custom dynamic data dashboards and the public websites. As a web-based system, Casper Noise can be accessed from any location at any time using a web browser.

Customers

Casper solutions supports 20 different airports world-wide, in 10 different countries on 4 different continents, ranging from the busiest airports like Dallas/Fort Worth and Schiphol to medium-size airports such as Auckland Airport and Tampa International Airport and GA airports. Customers also include ATC organisations, federal, regional or local governmental organisations, civil aviation authorities and airlines.

Casper is an innovative provider of data analysis tools, transforming air and ground traffic data into valuable information and sharing this via our web solutions.