

Best community portal for building neighbourhood relations

Casper Noise Lab aims at improving the relationship of the airport with the surrounding communities by providing openness and transparency about where aircraft fly, how people are impacted and automatic reports and statistics on flights, noise and complaints.

Communication plays an important role in the relationship between the airport and it's neighbours. By clear explanation of all noise abatement measures taken, awareness is created about the airport's efforts in reducing noise. Further, by providing facts about aircraft movements and noise in an

understandable way, this positively contributes to an open and transparent attitude towards the people living around the airport. Casper Noise Lab is designed to achieve this ambition.

Key Features



Shows current runway use and weather



Interactive data browser on noise, flights and complaints



Automatic reports



Statistical information on a location



Custom map overlays



Integration with flight tracking and complaint form

BENEFITS



Share information on noise and flights



Easy to maintain the content



Designed for mobile devices



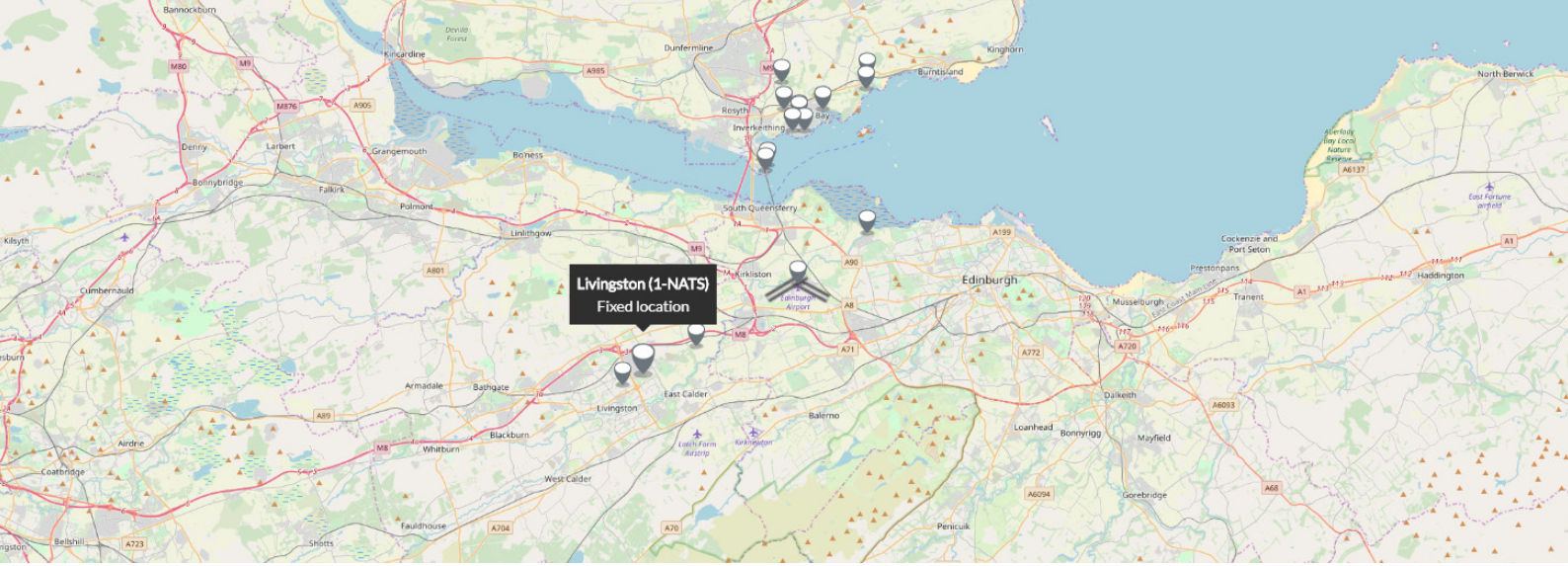
Educate people on noise and flight operations



Modular

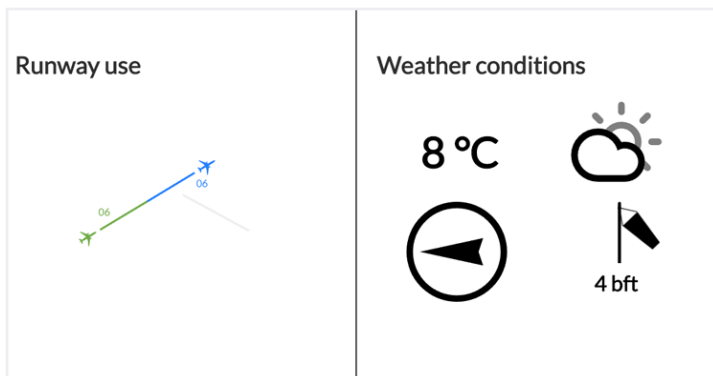


Cloud based



Livingston (1-NATS)
Fixed location

The home page is a preview of everything available on the website. It is also the place to go for announcements such as maintenance activities or daily operational messages. Real-time information such as current runway use, weather and flight and noise charts provide instant insight in what's going on at the airport.

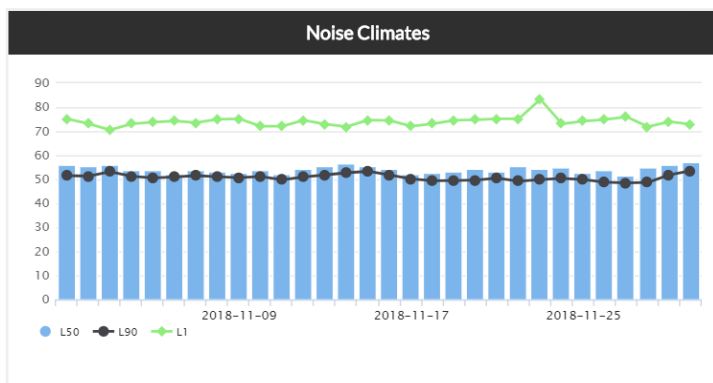


Community portal

Besides generated information and reports, the airport can customize the website in any way they want. The menu and all static content can be configured and changed. This allows the airport to keep the information up to date and highlight relevant information, specific for a certain period.

Interactive map

An interactive map lets the user find generic information on routes, noise and traffic distribution. The map is customized with airport specific information and overlays, including traffic distribution, corridors and noise contours. The user can put his location on the map to reference the information for his own location.



Databrowser

The data browser enables automatic reports and interactive information on noise events and/or flight movements. The user can click around selecting different periods, time of day, noise monitors and runways. Additional modules can be added for statistics on noise complaints or information specific for one specific location.

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.