

Tailor solutions to maximise
your profits and well-being



CIVIL AVIATION



Alisios Corporation



Past experiences and current circumstances shape our clients' needs and connect them to the futures they can achieve. At Alisios Corporation, we are committed to providing you with the highest-quality services to help you plan and build the future you desire.



REAL-TIME WEATHER MONITORING AND ALERTS

It detects and issues alerts regarding critical atmospheric phenomena that could affect the safety and continuity of flight operations.

Sibila® technology integrates satellite imagery and weather radar data to detect changes in the atmospheric environment and issue early warnings of critical phenomena such as thunderstorms, gusts, fog, or wind shear.

These alerts are generated and updated in real time, providing high-resolution information to control towers, operations centers, and airlines.



Automated and continuous monitoring: continuous monitoring and analysis of key variables such as wind and wind shear, temperature, pressure, and visibility at the desired frequency, optimizing operational decision-making.

Configurable early warnings: Set custom thresholds based on the requirements of each airport or route, triggering automatic notifications for operational and air traffic control personnel.



Safe and Efficient Management: Reduces delays, prevents incidents, and improves coordination between flight operations and meteorology, thereby enhancing operational safety.



Specialized Support for New Airport Infrastructure: We provide meteorological assistance for projects involving the opening, expansion, or modernization of airports through a detailed analysis of local atmospheric conditions and their impact on flight operations.



Studies essential for determining the optimal location and orientation of runways and terminals, and for designing robust strategies to cope with adverse weather conditions.

Our technical support helps maximize operational availability, reduce downtime, and optimize infrastructure from the planning phase through commissioning.



Do you have a challenge
for us?
Ask for our demos



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