

WINDSHEAR: An invisible threat at any airport

The challenges

Windshear is a persistent problem for airports around the globe.



Since 2000 almost **500** fatalities due to windshear¹



Since 2000 over **30** windshear accidents¹



75% of all delays are weather related²

The solution: An integrated system offering situational awareness, actionable data, and improved safety.

Three realities of windshear avoidance:

- 1** Windshear is detectable.
- 2** Every airport is different.
- 3** No single windshear solution fits all.

Vaisala AviMet: A complete, integrated solution

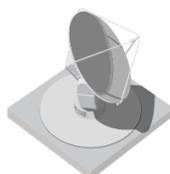
AviMet® integrates the three best windshear detection technologies — or any combination thereof depending on an airport's unique needs — into one system:



Anemometer-based low level windshear alert system (LLWAS)
The industry standard for detection in runway corridors



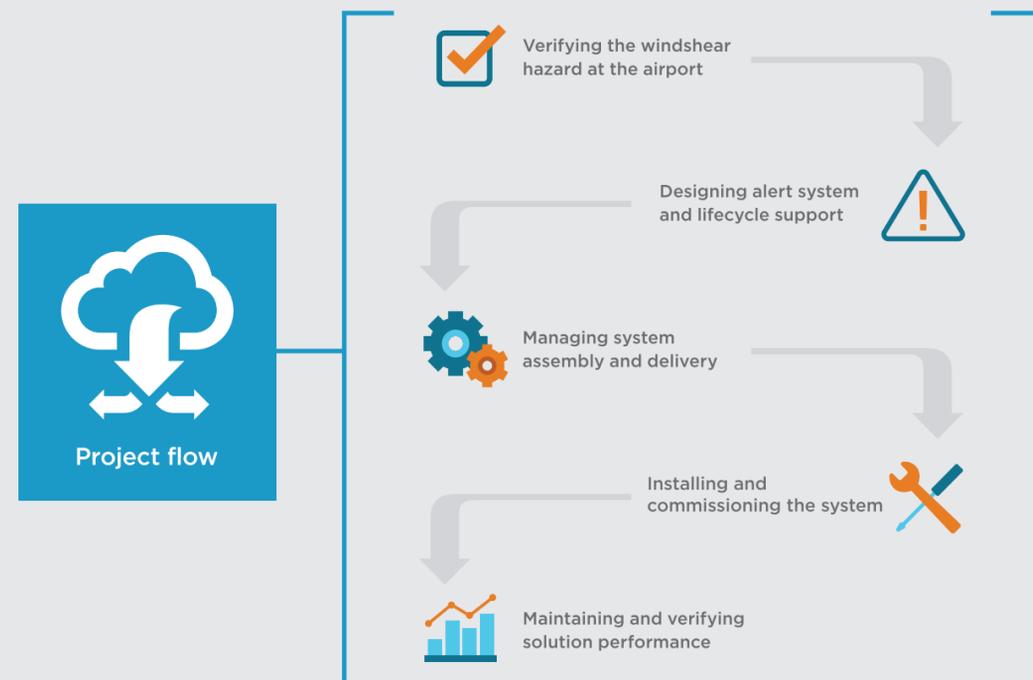
Wind lidar
3D wind awareness at long range



X-band weather radar
Enhanced weather detection beyond the airport

Building the right windshear solution

AviMet combines the best qualities of the primary windshear detection methods to increase the probability of detection while minimizing false alarm rates.



Key benefits of AviMet



Customized
Airports get exactly what they need based on geography and unique needs.



Powerful
Pilots and other personnel get dramatically improved situational awareness.



Dependable
Vaisala technology is the industry standard, proven over thousands of deployments worldwide.



Sustainable
A unified, scalable solution for improved aviation safety and efficiency.



AviMet windshear alert system