



Protect Your Airport with Advanced Windshear and Microburst Detection

Enhance aviation safety and protect passengers at your airport with ADB SAFEGATE's advanced **Low Level Windshear Alert System (LLWAS)**. Windshear and microbursts are among the most hazardous weather conditions for aircraft during takeoff and landing phases. Sudden excessive wind changes over a short distance can lead to dangerous loss of lift, posing critical risks to flight safety.

Our LLWAS solution can rapidly identify windshear, microbursts, wind gusts and sudden direction changes, sending instant notifications to Air Traffic Control (ATC) who can then alert pilots to take immediate evasive action.

Why Choose ADB SAFEGATE's LLWAS?

Our LLWAS system is designed specifically to your airport's unique runway configuration, local weather patterns, terrain, and potential obstacles.



WORLD METEOROLOGICAL ORGANIZATION



ICAO

When is LLWAS Most Effective?

ADB SAFEGATE's LLWAS excels in challenging environments, ensuring safer operations in various scenarios, such as:

Thunderstorms and convective weather activity

Coastal windshear from sea breezes

Windshear in dry climates, even from minor showers or virga

Windshear caused by mountainous terrain

By addressing these conditions, the ADB SAFEGATE LLWAS solution provides airports with the tools needed to navigate complex weather challenges confidently and effectively.

KEY FEATURES AND BENEFITS

- Proven National Center for Atmospheric Research (NCAR) Phase III Algorithm.
- Real-time audible and visual warnings.
- Detailed information on windshear type, location, intensity, and headwind impact.
- Flexible, expandable coverage for multiple runways.
- Available in single or redundant configurations for maximum reliability.



Learn more about CORTEX LLWAS
Visit: www.absafegate.com/weather