

# VAISALA Total weather awareness on the approach



Terminal Maneuvering Area (TMA) is crucial for weather monitoring due to high traffic and associated risks.



Vaisala's remote sensing technologies provide enhanced weather data coverage at and beyond the airport, improving safety and efficiency.

## Key Vaisala offerings



### Weather radars:

Detect weather up to 300km away.



### Wind lidars:

Monitor windshear and turbulence, effective up to 18.9km.



### Ceilometers:

Measure cloud height and detect atmospheric particles, including fog and ash.



### Lightning detection:

Real-time, accurate, reliable thunderstorm information to maximize safety and uptime.



### IRIS software:

Analyzes meteorological data and provides real-time observations and forecasts.



### AviMet software:

Central point to see comprehensive weather of the airport and reporting to airport weather users.