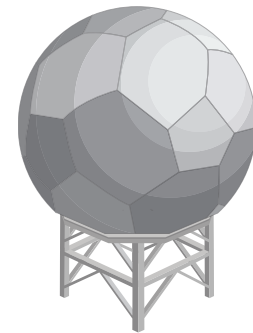
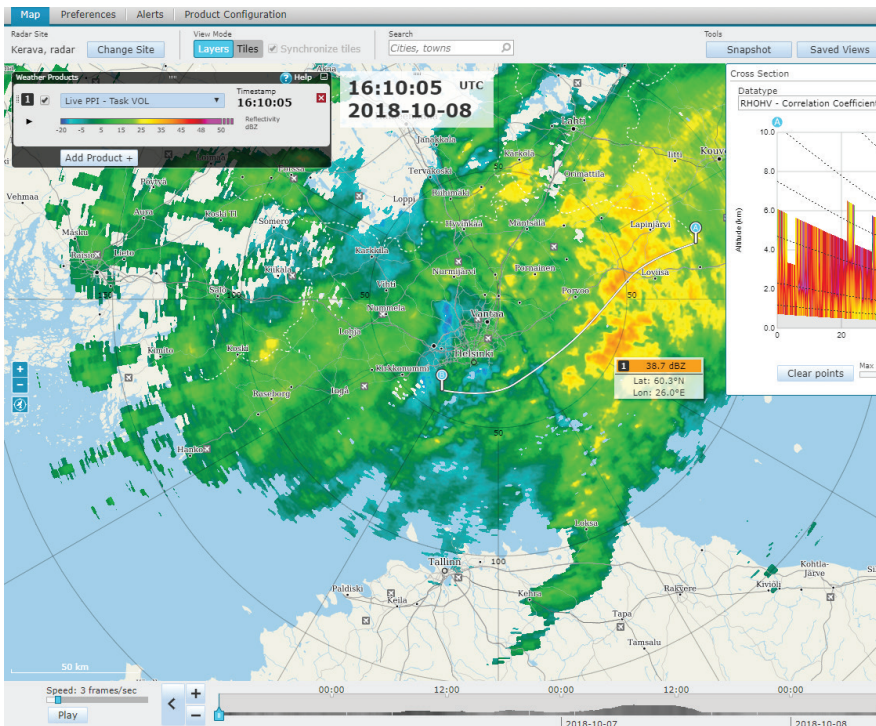


Vaisala X-band Weather Radar for Aviation Accurate weather observations when it counts



Key Benefits

Improved safety, lower risk

Adverse weather is a persistent risk to airports, pilots, and passengers, but Vaisala X-band Weather Radar can help improve safety, efficiency, and flying comfort, since planes can be directed to avoid bad weather.

Cost efficiency and ease of use

Low maintenance lifecycle costs and simple deployment make Vaisala X-band Weather Radar an appealing, affordable choice for many types of airports. It offers simple site selection, easy installation, and integration into existing networks.

High data quality and availability

Modern solid-state transmitters deliver excellent accuracy, sensitivity, and data quality. The compact design of Vaisala X-band Weather Radar and its built-in redundancy make it a reliable system choice.

Vaisala X-band Weather Radar is a crucial asset for airport safety and efficiency. It gives operators the accurate weather information they need for early, correct operational decisions.

The system provides advanced warnings of a broad range of approaching weather phenomena, including windshear, hail, freezing rain, and thunderstorms.

Additionally, Vaisala has designed the weather radar for compatibility with other airport weather systems, making it a versatile and sensible tool for airports around the globe.

Vaisala X-band Weather Radar at a glance

A standalone product that is also a key part of Vaisala's aviation weather solution.

Applications

- Windshear detection and alerting
- Increase wind awareness: severe air turbulence, vertical wind profile
- Short-term weather nowcasting across a range of phenomena: rain, snow, hail, and thunderstorm

Key features

Easy deployment that can be completed within a week and doesn't require cumbersome installations

Automatic and continuous calibration that reduces labor and hands-on time

Solid-state transmitter technology that provides redundancy, reliability, and minimal maintenance needs — coupled with a world-class pedestal that enables fast and stable rotation to ensure high accuracy

The best weather data available, across a wide range of weather scenarios and phenomena

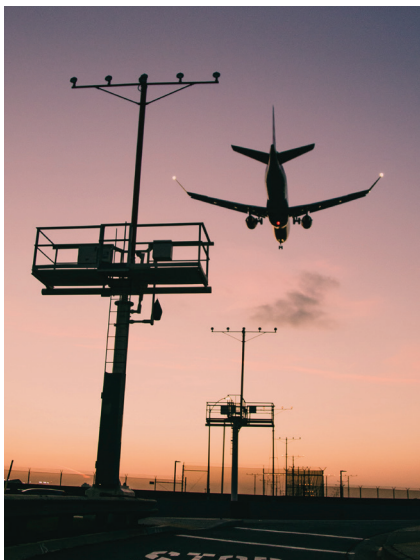
Why Vaisala?

The industry's most dependable technology

Vaisala aviation weather solutions lead the industry because of their precision and dependability under all conditions. Vaisala has more than 45 years of aviation weather experience, more than 100 weather radars in use, and continuous, best-in-class weather radar R&D.

Support to count on

Look to Vaisala for dependable support, project capabilities, and training so you can get the most from your system. With decades of experience providing the best technologies and the finest support, Vaisala's philosophy of partnership is unmatched in the industry.



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