Vaisala AviMet®
/ COMPLETE AVIATION WEATHER MANAGEMENT
AviMet
A Single Aviation Solution

AviMet combines disciplines such as visibility measurement, pressure measurement, lightning detection, runway surface conditions, and present weather with liquid water equivalent (LWE). Vaisala is known as a global leader in all of these sciences. AviMet is unique in the aviation industry because you have a single solution to ensure your aviation operations continue safely with controlled costs in any kind of weather.

24/7 WEATHER

1. Automated Airport Weather Observations
   - Vaisala AviMet ICAO AWOS and Software

2. Automated Runway Visual Range Assessment
   - AviMet RVR System and Software

3. Track Location of Precipitation & Cloud Type
   - Vaisala C-band Weather Radar and Integrated Software

SEVERE WEATHER

4. Monitors the Occurrence of Windshear
   - Low Level Windshear Alert System (LLWAS)

5. Lightning Detection and Alerting
   - AviMet Decision Support System

6. Tracks Location of Severe Storms
   - Vaisala C-band Weather Radar

WINTER WEATHER

7. Monitor Actual and Predicted Liquid Water Equivalent (LWE)
   - AviMet Decision Support System

8. Local Radar Provides More Accurate Views
   - Vaisala C-band Weather Radar

9. Runway/Taxiway Surface Conditions
   - AviMet Decision Support System
Entire AviMet suite of solutions is designed and manufactured by Vaisala, which means extended capabilities and seamless integration.

Vaisala offers a more cost effective solution and greater return on investment over the products life.

With many aspects of the AviMet product you are receiving the best in the industry, which means accuracy and reliability are higher, thus less downtime and disruptions to your operations.

Best in class accuracy also improves decision making and trust in the decision making tools which leads to cost savings, improved safety, and less overall stress.

AviMet is a product family that grows as your airport grows. Beginning with a simple airport weather station and sensors, and building on top of that, ensures that what you buy today will be expandable as your needs change.

AviMet offers significant value to your aviation stakeholders including air traffic controllers, weather observers, runway maintenance personnel, ground handlers, and maintenance departments.

AviMet not only provides accurate, reliable 24/7 routine weather information, but it also helps airport stakeholders improve efficiency and safety during high impact severe and winter weather events.