

Vaisala automotive infotainment (weather & road weather)

Accurate weather data to enhance in-car user experience and promote road safety



Key benefits

Highest data quality

The quality of Vaisala's weather and road weather data is first-rate, consistently ranked in the industry's top three by third-party analysts.

Drives innovation and value

Vaisala automotive infotainment weather data service provides high-precision data to support the development of next-generation and advanced in-car infotainment systems by OEMs and product manufacturers.

Increased driver engagement and customer loyalty

Accurate road weather data and convenient route planning and safety features increase driver engagement, promoting both customer loyalty and service subscription sales.

Optimized end-user experience

Automotive infotainment road weather services enhance the in-car experience of drivers and passengers alike, promoting safety in all types of weather while maximizing convenience and time-saving features.

Today, automotive infotainment systems serve many purposes: from promoting safety to maximizing convenience, from engaging drivers and passengers to elevating the in-car user experience. For each purpose, Vaisala's automotive infotainment service delivers high-quality and accurate weather data to optimize system functionality, end-user experience, and — ultimately — safety.

Approximately every fourth accident on the road is related to weather, yet even in new model cars, drivers still receive very little support or real-time data about weather or driving conditions from in-vehicle technology. Meanwhile, drivers increasingly expect a seamless digital user experience that allows them to effortlessly connect to content from the road. Vaisala's automotive infotainment service addresses these needs by providing precision road weather information in all conditions to help drivers stay safe while conveniently optimizing route and travel times.

Road weather services for infotainment at a glance

Applications

- Offerings include highly accurate and robust APIs, including Weather API, Weather Maps API, Road Weather, Weather Warnings, and a Severe Weather API.
- Each API incorporates global and local forecasts and can be customized with add-ons and extensions.
- Supports the development of advanced in-car weather infotainment products, expanding into services for real-time information about parking conditions, weather-related vehicle care and maintenance, and commute and travel planning.

Key features

Comprised of accurate road weather data that covers broad geographic areas instead of a particular region, country, or industry-related sector.

Digital native offering built specifically for location-based used cases, enabling users to access data for any coordinates.

Built on a foundation of 20+ years of road weather experience, with strong partnerships with Bosch, BMW, Daimler, TomTom, and other industry leaders.

Flexible and easy procurement and deployment supported by Vaisala's customer care before and during service.

Why Vaisala?

Precision road weather data for advanced automotive infotainment systems

Vaisala road weather forecasting technology solutions lead the industry thanks to superior data qualities and a continuing commitment to innovation and research and development. More than two decades of road weather experience and over 80 years of weather measurement expertise form the foundation for Vaisala's highly-accurate and reliable road weather data sets that span around the globe.

Support and services you can 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 in unmatched in the industry.



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