Vaisala Road Weather Navigator WID721

Benefits

- User-friendly
- Provides valuable weather information for decision-making
- Monitor trouble spots/known problem areas
- Allows you to make quicker decisions
- Customized software means users will readily accept the technology
- Keeps you from getting caught off-guard

Features

- Displays current and historical RWIS data
- Customize displays – home page, maps, units of measure, and more
- Administrative control for adding users, managing groups, editing station maps and site configurations, etc.
- Interactive map allows you to view all RWIS data at once, it updates automatically and displays sites under warning
- Easy to read tabular views – summary page displays conditions clearly with the ability to drill down to each site level
- Capable of displaying traffic data from in-pavement or roadside sensors and/or air quality data
- Capable of displaying live streaming video images
- Alarm/alert notification for user-defined weather parameters
- Reacts quickly to data requests or camera images (pages download quickly)
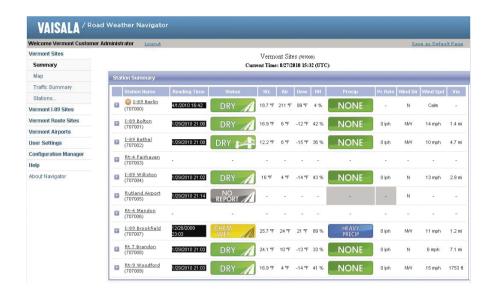
Overview

Vaisala Road Weather Navigator WID721 is a unique user interface designed to give RWIS (Road/Runway Weather Information System) users more control over how their data is viewed, which allows for quick analysis and decision-making during weather events. RWIS collects vital information from pavement, weather and traffic sensors, and viewing your RWIS data is just as important as the system collecting it. With Vaisala Navigator RWIS data is displayed in a simple, user-friendly manner, which makes it easy to learn and navigate. Navigator provides an unparalleled level of user customization, allowing you to personalize map views, data sets, user groups, etc. and create warning notifications based on your pre-defined parameters.

Viewing RWIS data quickly and easily enables maintenance and operations personnel to monitor changing weather conditions in real time and make informed and timely decisions. Two options are available for Vaisala Navigator. A hosted version where Vaisala gathers data from the RWIS sites directly and users can access anywhere they have internet access. A second version the customer hosts the data and manages the data collection equipment.

Technical Data

Vaisala Road Weather Navigator

CUSTOMER MANAGED SOLUTION:

Used with a customer-owned server where administrative functions are managed by the customer (upgrades, security, communication, etc.)

Reliable software capable of handling large amounts of data (ideal for large RWIS networks with one or more servers

Larger storage capacity for historical data (length of data storage depends on number of site and interval of data collection)

VAISALA HOSTED SOLUTION:

Hosted server option where Vaisala hosts your RWIS data

A hosted server saves cost and eliminates issues with network system administration about security, firewall limitations, or other IT concerns

Data is viewed using a password protected web site and can be viewed from work or home

Ability to participate in a data sharing network with other agencies using RWIS online Navigator

Communication costs can be included as an option

Regular system status reports prepared by the Vaisala Service Team

Applications

- Departments of Transportation or agencies with large RWIS networks
- City/County street departments with just a few RWIS sites
- Airports
- Agencies or airports requiring a web-hosted data solution

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