



ViewMondo, the flexible Lufft Road & Runway Management Software, that collects different types of data, checks the data for plausibility and evaluates data and recommendation out of the data in according to your needs!

Would you like to manage all weather-related information, whether stationary or mobile, with a visualization tool? Would you like to have optimal control of your winter service based on the current circumstances? Would you like your control center to receive all current data from the gritting vehicles in real time for true teamwork between internal and external staff?

ViewMondo, the Lufft Road & Runway Management Software can solve your issues! ViewMondo is provided as a cloud based service. It is a state of the art software package with a browser based GUI, and includes the following features: Take a closer look and discover the features of this software.

Do you want a Live Demo or do you want to get a test account? Get in Contact with us...!

Software description	ViewMondo is a software platform to visualize and analyze measurement data from your mobile and stationary road sensor and environmental sensor data.
User interface	The user interface is simple and intuitive, and provides all functionality purely based on html and JavaScript and runs in all modern browsers without requiring any plugins or extensions.
Server information	ViewMondo is provided as a SaaS (Software as a service) solution by Informatik Werkstatt in cooperation with Lufft GmbH, or might be licensed for installation at your own server. Please contact us for more information.

General

About the Software

- Browser based GUI, compatible with all modern browsers
- Responsive layout
- Role based user rights management
- Multiple language support (user based, currently English, German, French, Chinese)
- Per-User Timezone selection – data is always shown in user's timezone settings.
- Supports stationary and mobile (MARWIS) stations
- Easy navigation between (optional) site groups / sites via side bar (which can be hidden)
- Clean user interface – display selection via side bar and main menu, details and settings via context sensitive popup menu
- Map (OSM) based display of RWIS/ESS sites, with optional grouping / subgrouping of RWIS sites, with pan and zoom functionality
- Site icon color indicating status (ok/warning/alarm/communication error)
- Group table with current/latest measure values from all RWIS sites of a group
- Station view with latest measure values displayed in table and gauges. Optional cam picture(s). Navigate over time or select data from a date/time picker to show cam picture(s) and measure values for a specific time.
- Line diagrams and color coded "status diagrams" (for values like road condition and precipitation type) – navigate over time or select a date from calendar to view data from a specific day.
- Reports with monthly statistics
- Customizable display (user based) (work in progress)
- Complex, rule based plausibility checking of measure values, including (but not limited to) range violation, values that are constant for a extended period of time, values that change to rapidly, implausible combination of results (e.g. "rain" at temperatures below a threshold, precipitation when precipitation intensity is 0 etc.)
- Gritting recommendation model calculation (if applicable)
- Automatic, time and event triggered data export (CSV / FTP)
- Manual / ad hoc data export (CSV) via GUI

Optional

SnowTam Workflow

The SnowTam workflow can be used to calculate and document the "runway condition code" (RCC) status for runways.

Gritting recommendation

The "Gritting Recommendation" calculation can be activated for stations with the respective sensor.

Plausibility checking

Plausibility checking consists of a set of rules that are run against the measure values.