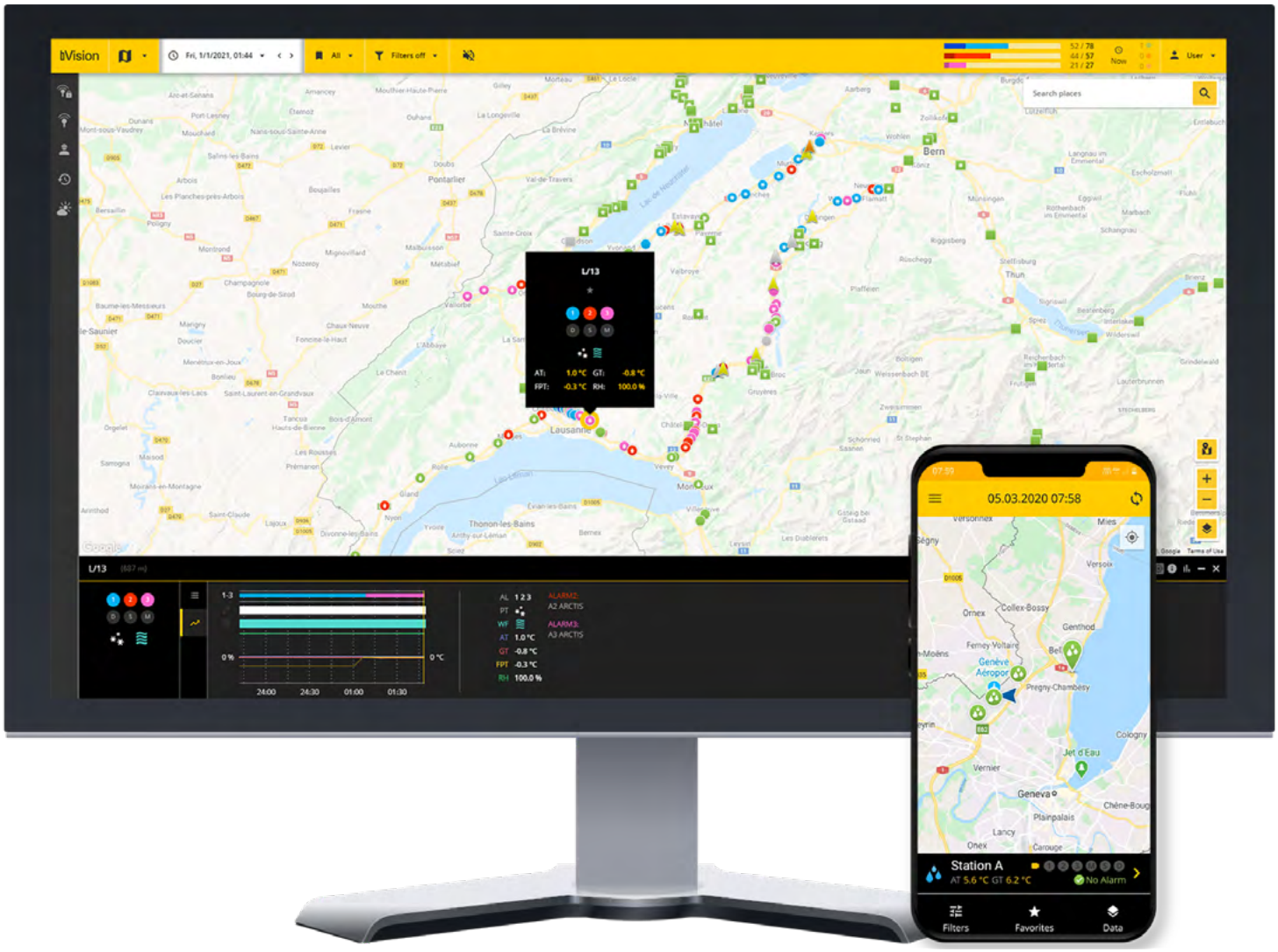
Management

bVision

The managing platform for smart operations



bVision is the comprehensive management platform designed to help you in complex decision-making situations and smart operations. Available for computers and smartphones, bVision offers you all the necessary features to drastically improve efficiency.

bVision offers a comprehensive set of tools built for professional road and runway operations :

- → Analysis of weather conditions and forecasting
- → Ice early warning system
- → Integrated signalization and alarming management
- → Management of Fixed Automated Spray Technology – FAST systems
- → Monitoring of the cameras
- → Reporting of vehicle operations
- → Review field service interventions
- → Intervention scheduling and dispatching
- → Runway condition assessment
- → Overview of live and past operations

One platform for all your maintenance activities

Thanks to bVision, all your maintenance activities are integrated into a single system. On one platform, you can analyze the situation before, during, and after an event. Thanks to our different modules, you are always informed about all the maintenance activities within your organization.

From forecasting to keep an eye on incoming weather conditions to reporting, bVision presents a comprehensive set of features to always stay on top. No need for complex digital infrastructures; with bVision, you have all the information you need on one platform.

Live decision-making with ease and efficiency

Thanks to bVision's holistic approach, every piece of information is displayed at a glance. From the alarms triggered by ice early warning systems to statuses and interventions positioning, bVision centralizes information about your whole organization giving you a key advantage in your decision-making processes.

With bVision, we engineered the saying "Knowledge is power" in one state-of-the-art platform. To help you reach the best decision, not only are data gathered, but we also empower you to put those data in perspective with other sources, compare them and export them. Since we focus on gaining knowledge for you, you can focus on decision-making.

Thanks to an intuitive interface, bVision is the platform to help you decide when to clear your roads or runways, send field technicians for maintenance, sweep a street, or take any other actions. With bVision, we offer one comprehensive digital platform for all your road or runway operations all year long.

Automatic reporting of all your activities

Not only can you visualize data directly in bVision, but you can also generate reports about all your activities. With custom-built report templates, you can tailor the exported data to your specific needs.

Thanks to bVision's reporting module, you can generate ready-to-share reports designed for your stakeholders, customers or vendors. Since you don't have to create your reports manually, bVision saves your time.

And when needed, bVision can be interfaced with almost any third-party tool.

Smart monitoring on the go with the RWIS app

Available for Android and iOS, RWIS app is the mobile application for bVision. Thanks to RWIS, you can keep an eye on weather conditions and ongoing interventions from the field.

Download RWIS app on your smartphone

www.boschung.com/product/bvision

Weather conditions

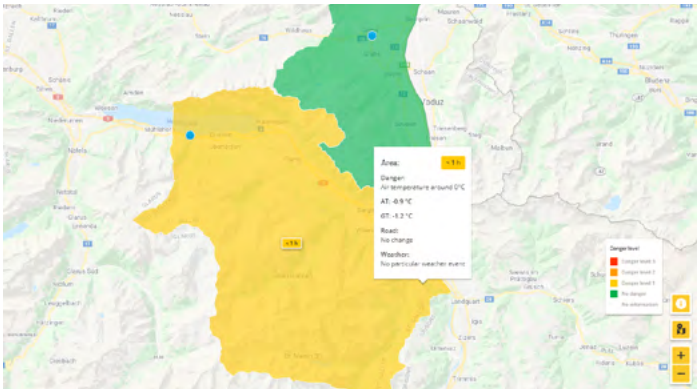
bVision enables you to keep track of weather conditions anywhere on your roads or runways. Generated by your weather stations, weather data about air and surface conditions such as freezing point temperature, surface temperature, air temperature, humidity, and more are centralized on bVision and displayed in easy-to-analyze maps and graphics.

Complementing weather conditions features, Boschung's own ice early warning system triggers alarms warning about particular conditions such as heavy precipitations or low temperatures. For a quick and easy analysis, weather stations are colored according to the most critical alarm. With the alarms, you can anticipate, at a glance, the current conditions across your road network or airport. And if you need an in-depth analysis, bVision features detailed graphs and interfaces featuring accurate weather data.

Forecast

Thanks to bVision's forecasting module, you can anticipate incoming weather events and dangers. The module integrates precise data from meteorological institutes directly displayed on the map. With several layers highlighting incoming dangers, precipitation, or temperature, you can anticipate future meteorological events.

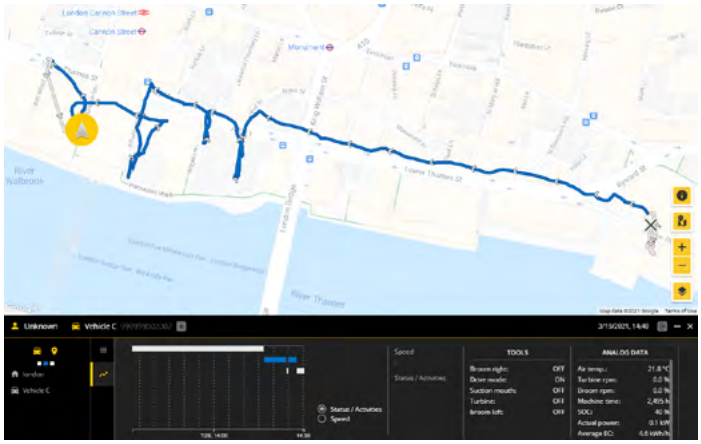
Thanks to bVision's forecasting module, you can schedule interventions and plan resources before any potential critical weather.



Fleet Management

bVision brings you complete knowledge of your fleet. Thanks to our dedicated hardware mounted in your vehicle, bVision collects data from your fleet of vehicles. All those data are automatically displayed on an interactive map. With bVision's fleet management module, you can monitor all your live and past interventions.

For each intervention, you always know exactly where the vehicle is. Moreover, you gather information about the vehicle's operations, speed, used equipment and much more. With fleet management, bVision brings you to the world of smart vehicles.



Field Service Management

More than just data about your vehicles, bVision offers you a built-in state-of-the-art Field Service Management tool, **bMoves**. Thanks to an intuitive mobile application, you can record every field activity, take notes, snap pictures or videos, get data from your vehicle, record equipment use or fill in field reports. Every recorded data is then precisely positioned on the map enabling a perfect analysis. And everything is customizable to fit your organization!

With bVision, not only do you monitor your vehicles, but you also gain valuable insights into all your field operations.

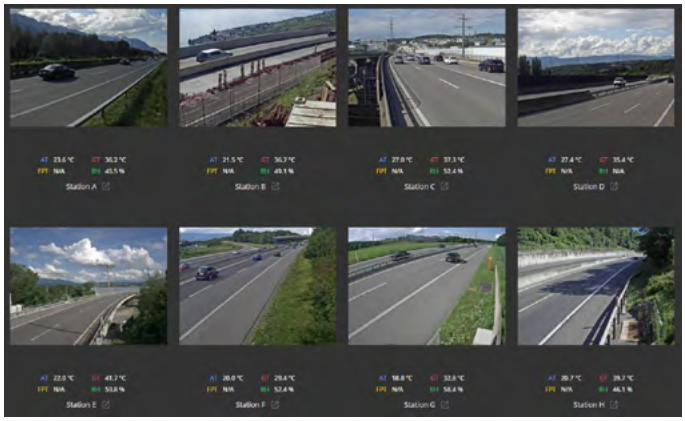
Dispatching & Scheduling

When you need to order interventions and dispatch operators or drivers, bVision has what you need. Through a single interface, you commission the driver to work a specific tour with a specific vehicle. And using our comprehensive graphs, you can monitor reaction times.

Subject to technical modifications without prior notice. 2021

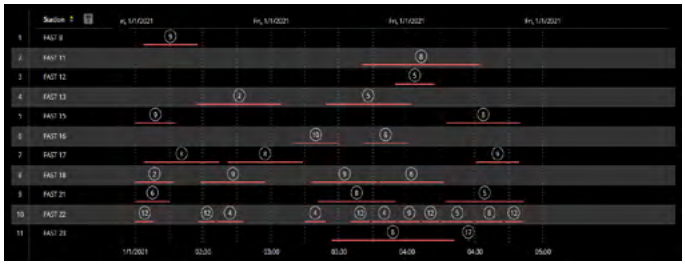
Camera

bVision offers built-in features to monitor your cameras for a perfect overview of the field. Pictures from cameras are available directly on the map or through a purpose-built interface to go back in time and replay any situation.



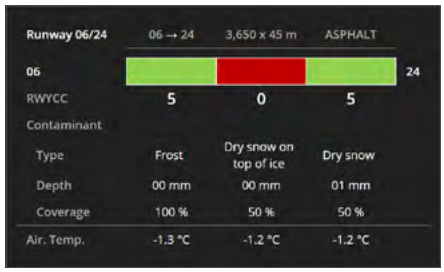
FAST Management

Manage your FAST – Fixed Automated Spray Technology – systems directly from bVision. With this dedicated interface, you can monitor automatically or manually triggered spraying programs. For each system, you can control tank level, spraying duration, spraying quantity, as well as previously launched spraying programs. Moreover, you can manually launch spraying programs.



Runway conditions visualization

Designed for airports, GRF – Global Reporting Format – visualization enables the perfect monitoring of runway conditions. By gathering data from your Boschung's **ATLAS** – Automated Take-off and Landing Assessment System –, GRF visualization enables a perfect review of RWYCC as well as contaminant type, depth and coverage for each runway. The module enables straightforward monitoring of runway conditions, for the sake of creating accurate Runway Condition Reports.



Reporting

Thanks to our powerful reporting engine, you can generate detailed reports. With a simple click, you can create a report for one intervention, and with our straightforward search, you can create aggregated reports about multiple interventions.

Thanks to custom-built templates, you can generate reports with every information you need from your intervention.

Exporting

Not only can you visualize or generate reports, but bVision also offers several exporting features. With custom-built macros, bVision can generate invoices ready to be shared with your customers or partners. Through station exports, you can get data about stations for defined intervals and parameters.

Through custom-built interfaces, you can connect to almost any third-party tool (e.g. ERP software).

Secure system

With bVision, your data are hosted in our new high-tech and high-performing infrastructure so that bVision can offer you high-quality data hosting and security. Thanks to smart monitoring and experts, your data are safe with us.

bVision is also available on-premise.

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