

The logo for HydroMet, featuring a blue diagonal slash followed by the text "HydroMet" in a bold, blue, sans-serif font.

HydroMet

A wide-angle photograph of a calm lake or reservoir. The water is clear and reflects the bright blue sky and scattered white clouds. The far shore is lined with a dense row of green trees. In the foreground, several large, dark rocks are partially submerged in the shallow water.

AquisNet: Air Quality Management

The logo for KISTERS, consisting of a stylized white 'K' symbol followed by the word "KISTERS" in a bold, white, sans-serif font. Below the name is the tagline "Empowering decisions of tomorrow" in a smaller, white, sans-serif font.

KISTERS
Empowering decisions of tomorrow

Leverage today's air quality data to determine tomorrow's clean air standards

Air Quality Information System and Network (AquisNet) has been developed for the management and control of ambient air quality monitoring networks as well as the evaluation and forwarding of the collected data. The software offers functions for both immision and emission measurement over time. Functions support integration of data from passive samplers in addition to asset management.

The flexible modular design enables the application to rise to challenges faced by small organizations or government agencies with several hundreds of fixed and mobile monitoring stations. AquisNet is currently used by private companies and public institutions alike.

KISTERS Software Benefits

KISTERS Air Quality Solution is designed to streamline air monitoring data management and reporting. Reliably store and retrieve accurate information, historical and real-time. Visualize to identify and analyze trends on particulate matter, volatile organic compounds and more parameters – especially when datasets are integrated with the full suite of KISTERS environmental data management system modules.

- ✓ **Stability and flexibility**
High stability, availability and responsiveness is essential to manage diverse networks, from expansive regional air quality monitoring systems to continuous emissions monitoring systems to fence-line monitoring on industrial sites.
- ✓ **Quality and security**
Developed under ISO standards for information quality and information security, this software meets the evolving demands of clients who need to comply with regulations and progress toward more ambitious goals. AquisNet also scales with the growth of your monitoring program.
- ✓ **User adoption and retention**
The web interface is intuitive, encouraging adoption by new users and retention by regular users. Modern data visualization ease demands of working with large datasets and complex calculations.
- ✓ **Experience and expertise**
Trusted globally, KISTERS works with environmental agencies from Germany to Texas to New Zealand. Together we scope, configure, deliver and provide technical support to AquisNet end-users and system administrators.



Robust Features

AquisNet is based on KISTERS industry-leading timeseries data management system and web services. A commercial off-the-shelf (COTS) system delivery immediately gives users access to a broad range of well-developed tools like those in WISKI. Pre-loaded analytics include calculation libraries, plausibility checks, interpolations / corrections, and predefined evaluations. When quality-assured datasets are approved, web services can distribute the information to existing websites, open data portals, or WISKI Web.

Custom Configurations

Need more than the standard features? Users are free to define their own evaluations and validations. Individuals can configure graphs to clearly display all relevant information.

The environmental protection agency in Germany's largest and most populated state has customized online access to the last 100 days of data in 5-second intervals for intensive analyses by scientists from various environmental fields.

Updates & Development

KISTERS commercial software is continuously developed to adapt to and meet the evolving challenges our customers face worldwide. While no two systems are identically configured, standardization of the software ensures every customer can benefit from updates. Alternatively, the AquisNet user community can influence product R&D or co-develop enhancements. They can learn from one another and even share formulas, workflows, etc. to improve efficiency.





About KISTERS

KISTERS is a medium-sized IT company with 700 employees. It is headquartered in Aachen, Germany, and operates numerous national and international offices. KISTERS offers leading software solutions for sustainable resource management (water, energy, air). Professional competence, implementation experience and industry know-how make KISTERS a desirable and reliable partner. KISTERS water solutions form a framework for building efficient customer solutions based on modern technology and a deep understanding of application areas and markets. The solutions are implemented for surface water and groundwater monitoring, meteorology, flood warning, dam operation and safety, water quality and urban water systems at hundreds of customer locations with several thousand users worldwide.



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