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FAQs

KISTERS
Empowering decisions of tomorrow

FAQs KISTERS datasphere

What is KISTERS datasphere in a nutshell?

KISTERS datasphere is a cloud-based platform for centralizing, monitoring, and analyzing environmental data. It brings together real-time, recent, historical, and forecast data — with intuitive dashboards, customizable alerts, and powerful visualization tools — helping you transform raw data into actionable insight.

Who is Datasphere for?

Datasphere is designed for environmental professionals — including engineers, consultants, scientists, dam and irrigation managers, plant operators, farmers, and resellers — who need to monitor, compare, and act on diverse environmental data without coding or IT complexity.

What kind of data can Datasphere integrate?

Datasphere acts as a central hub for real-time sensors, data loggers, weather raster data, camera imagery, and open or commercial sources. It lets users visualize trends, overlay multiple datasets, and monitor multiple locations side-by-side — all in one platform.

Can I use Datasphere without IT support or coding skills?

Yes. Datasphere is fully no-code. You can configure dashboards, alerts, data comparisons, and exports directly through the browser — no software installations, developer skills, or technical support required.

What features does Datasphere offer for analysis and collaboration?

Datasphere includes customizable dashboards, graph overlays, color-coded threshold alerts (email/group), historical data analysis, basic statistics (min, mean, max), dynamic logging, and GIS-based map visualization. Optional add-on modules extend capabilities with forecasting, advanced alerting, and automated data publishing.

What are the available add-on modules?

Datasphere is modular — you can start with the core platform and add only what you need. Current add-on modules include:

- **Advanced Alerts:** Automation, conditional logic, flexible group notifications
- **Frost Risk Forecasting:** Predict frost events up to 5 days ahead
- **Irrigation Recommendations:** ET-based irrigation and soil moisture insights
- **Hail Decision Support:** Nowcasts, forecasts, and real-time hail event analysis
- **Advanced Data Access & Publishing:** Secure API access, remote imports/exports, bearer token authentication, dynamic data publishing
- **Advanced Raster Viewer:** Basic + specialized weather layers like CAPE, upper air data

How does Datasphere help with early warnings and alerts?

Datasphere lets you set threshold-based email or group alerts based on real-time sensor data. With the Advanced Alerts module, you can automate more complex alarm conditions, visualize status on maps, and respond faster to environmental risks.

Is Datasphere available on mobile?

Yes. Datasphere is fully web-based and mobile-responsive, so you can monitor your network from any browser, smartphone, or tablet. A dedicated mobile app is in development for even faster and more tailored field access.

Does Datasphere support forecasting?

Yes — through optional add-ons. Datasphere can integrate forecasting models for frost risk, hail events, and irrigation recommendations, helping you move from real-time monitoring to predictive decision-making.

How does Datasphere support my operations?

- Centralizes diverse environmental data into a single platform
- Reduces manual work with intuitive dashboards and real-time alerts
- Enables data sharing internally or publicly
- Accessible from any browser — no software installs needed
- Supports optional forecasting modules for weather-sensitive decisions
- Backed by expert support — from setup to everyday use

How secure is Datasphere?

Datasphere supports role-based access controls, and secure data storage. Your data remains under your control, with options for secure external integrations.

What does Datasphere cost?

Pricing is customized based on data volume and selected features. — Add-on modules available as needed. Contact us for a tailored quote based on your operational goals.

What's the onboarding process like?

We offer flexible onboarding tailored to your needs. For simpler projects, setup can be completed in a few days- max. For more complex integrations, we provide structured implementation support over several weeks — always aligned to your schedule and workflows.