

Smart Cloud Monitoring Platform

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Centralized monitoring software for real-time gas data, alarms, device status, trends, historical records and multi-site visibility.

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Turn distributed monitoring data into a clear operational view

The Eranntex Smart Cloud Monitoring Platform brings data from compatible gas detectors, online monitoring instruments, data acquisition terminals and related sensors into one operational view. It helps safety and maintenance teams assess current conditions without relying solely on repeated site visits.

Designed for a single workshop or distributed sites, the platform consolidates gas readings, device availability, alarms, trends, history and location context. System connections, data interfaces and remote-management functions are defined for each project and the customer's existing site architecture.

Real-time monitoring and alarm visibility

View current gas readings and device status by area or monitoring point. When configured thresholds are reached, the platform records the alarm so teams can identify the affected location and investigate promptly.

Trends and traceable history

Use charts and historical queries to review concentration changes, recurring alarms and operating patterns by time, area, device or monitoring point.

Multi-site and device management

Bring workshops, plants and distributed project sites into a tiered management view, with device availability and project-configured operating information accessible to authorized users.

Location context and project integration

Map views help teams understand monitoring-point distribution and review location data from compatible devices. Data connections with DCS, PLC and third-party systems are engineered to project requirements.

Platform scope

Monitoring visibility	Real-time gas readings and device status across connected monitoring points
Alarm management	Centralized alarm records and rapid identification of affected areas or monitoring points
Data analysis	Trend charts, historical queries and alarm-record review
Site management	Unified visibility across workshops, plants and distributed project locations
Device management	Online status and project-configured remote device information
Location management	Map-based monitoring-point views and location data for compatible devices

Configuration questions

Which monitoring equipment can connect to the platform?

The platform can connect gas detectors, online gas analysis equipment, environmental sensors, alarm controllers and data acquisition terminals. Confirm compatibility and the connection method for each project.

Can the platform manage more than one site?

Yes. It is designed to provide a unified view across multiple areas, workshops, plants or distributed project locations, subject to the agreed project configuration and user structure.

Can it exchange data with DCS or PLC systems?

Project-based integration with DCS, PLC and third-party business systems is supported. Define the data points, interface method and network environment during system engineering.

What should I provide for a platform proposal?

Share the target gases, site areas, number of monitoring points, existing equipment, communication environment, user roles, required alarm workflow and any system-integration needs.

Document scope

This summary records the approved model data shown on the product page. It is not an operating manual, installation approval or certificate. Review the applicable certificate record and exact model or configuration scope separately. Request the operating instructions for the supplied configuration before installation or use.

Product information and inquiry: <https://www.eranntex.com/products/smart-cloud-monitoring-platform/>