MYATMOSPHERE

AIR QUALITY MONITORING SYSTEM

Managing, visualizing and documenting

Made in Germany

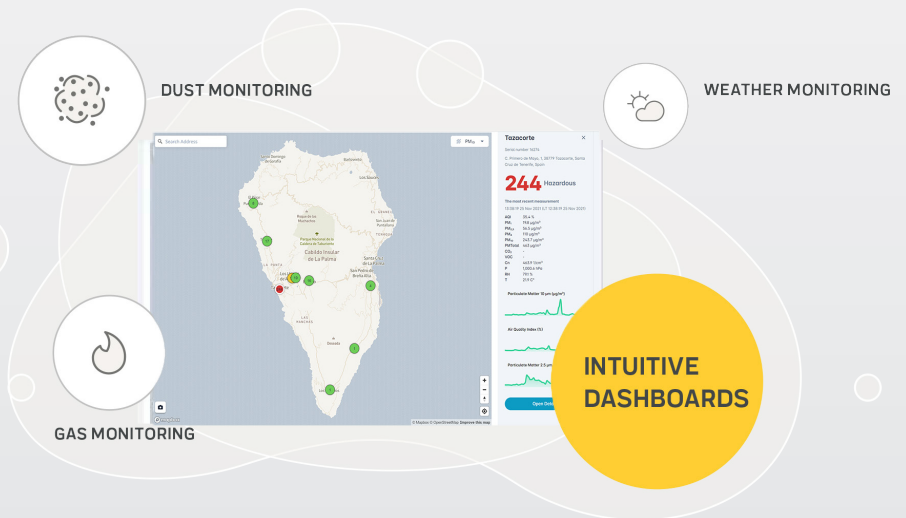# Air quality at a glance with MYATMOSPHERE

We make air quality visible: by measuring it with our high-precision instruments and collecting and visualizing it via our cloud-based data platform.

MYATMOSPHERE is a comprehensive solution for effective and efficient management of air quality information – from data collection to communication to third parties. Whether it's air pollution caused by urban traffic, construction sites, industry, landfills or open pit mining: With MYATMOSPHERE you can easily monitor, understand and document air quality.

To measure is to know

Data acquisition of recognized and relevant air quality parameters in real time, combined with meteorological measurements allows you to take targeted measures.

Simply connect the devices and sensors to the data platform – and you're ready to go!

DUST MONITORING

WEATHER MONITORING

GAS MONITORING

INTUITIVE DASHBOARDS

Application examples

NETWORK WITH ROADS, RAILS & PORTS

SMART CITY

OPEN PIT MINING & LANDFILLS

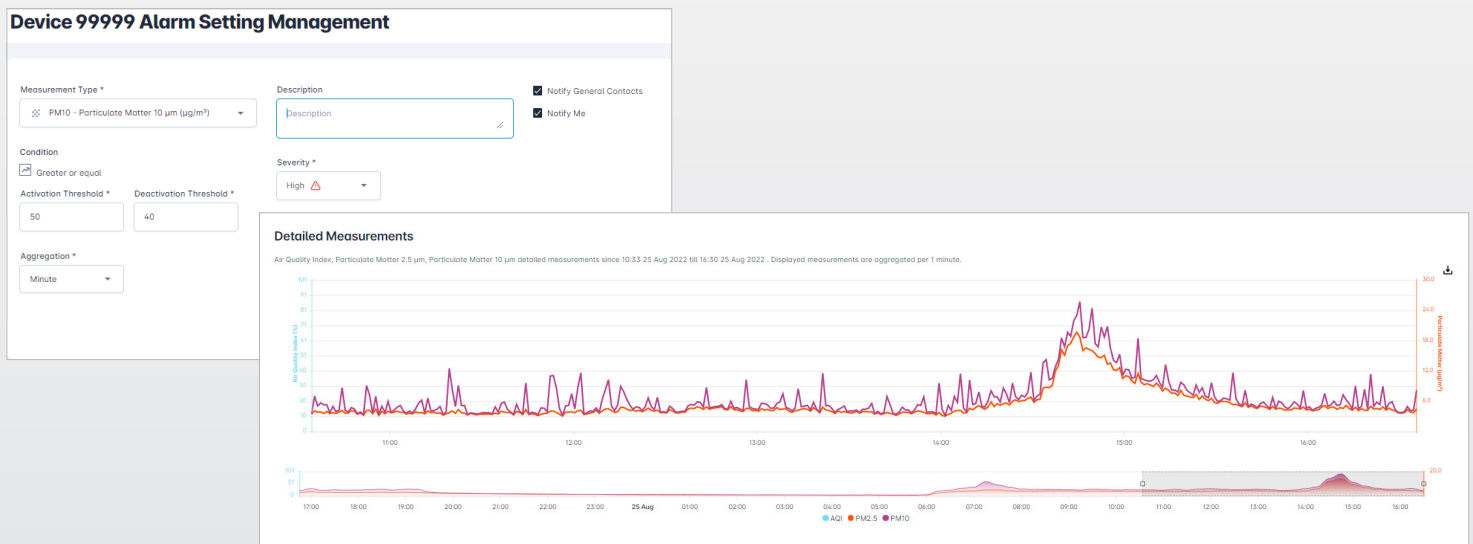

CONSTRUCTIONS SITES

INDUSTRY

NATURAL RISK AREAS

Principle of operation

As a cloud-based data platform, MYATMOSPHERE enables the monitoring, documentation and visualization of air quality parameters.

- Automatic visualization of measurement data with export function (svg, png)

- Intuitive site management for devices and data

- Simple measurement data comparisons between sites

- Alarming (e-mail) according to individually adjustable limit values

- Convenient data export for further analysis based on selection of location, time period, parameters, data aggregation

- Standardized integration with third-party solutions through optional API

Technical features

MYATMOSPHERE Cloud basic licence

Interval of data acquisition	1 minute (moving average selectable)
Parameters	PM_1, $PM_{2.5}$, PM_4, PM_{10}, PM_{total}, C_N, pressure, temperature, relative humidity optional: CO, CO_2, TVOC, O_3, SO_2, NO_2 (depending on device)
Data storage	1-minute average for 24 hours 15-minute average for 2 years
Data evaluation	Graphs with hourly and daily average (selectable)
Measurement location	Acquisition of the device location
Monitoring of device status	Online/offline
Autorecovery	Up to one week. Automatic recovery without data loss in the event of an interruption of the mobile phone connection (AQ Guard and AQ Guard Smart only)
Alarm options	Configurable and customizable with automatic email messaging
Data access	Download option (svg, png, csv)
Account management	1 User

On request (chargeable): API interface for easy integration of data into other systems/websites

Special advantages and benefits

You profit from

- Comprehensive know-how of the Palas® aerosol experts
- High-precision and smart measuring instruments
- Cloud-based acquisition, analysis and documentation of your collected data
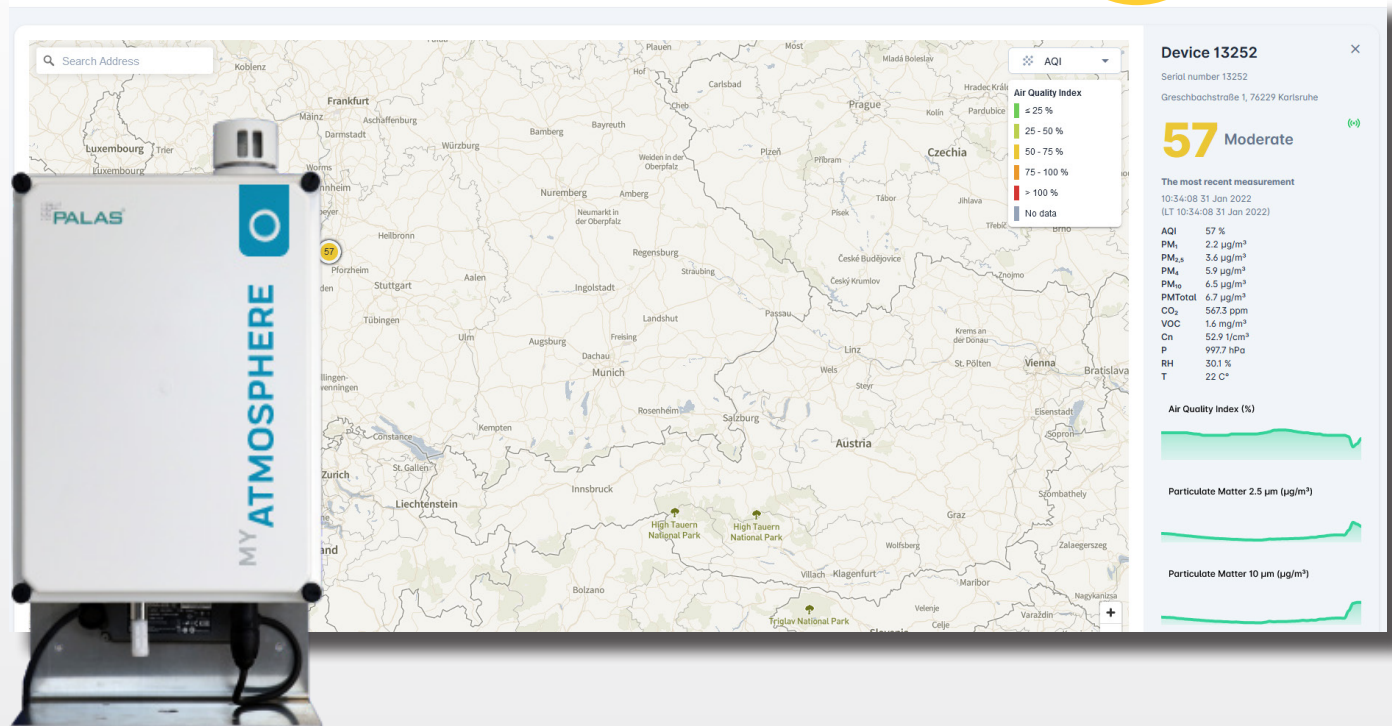- Our intuitive visualization software

Your benefits

- Save time and money: no third-party software required for visualization and communication
- Access data from anywhere, at any time – with any device
- Simplified management of multiple monitoring projects
- Integration and remote management of Palas® instruments

Plug in and get started

Our offer for you!

24 MONTHS FOR FREE*

With the purchase of an AQ Guard Smart, you receive the data platform 24 months free of charge*.

INTERESTED?

📞 **Request an online demo**

+49 721 96213-0
mail@palas.de

*For initial device registration prior through 06/30/2023

PALAS®

Palas® is a leading developer and manufacturer of high precision instruments for the generation, measurement and characterization of particles in air.

With more than 30 active patents, Palas® develops technologically leading and certified fine dust and nanoparticle analyzers, aerosol spectrometers, generators and sensors as well as related systems and software solutions. Palas® was founded in 1983 and employs more than 100 people.