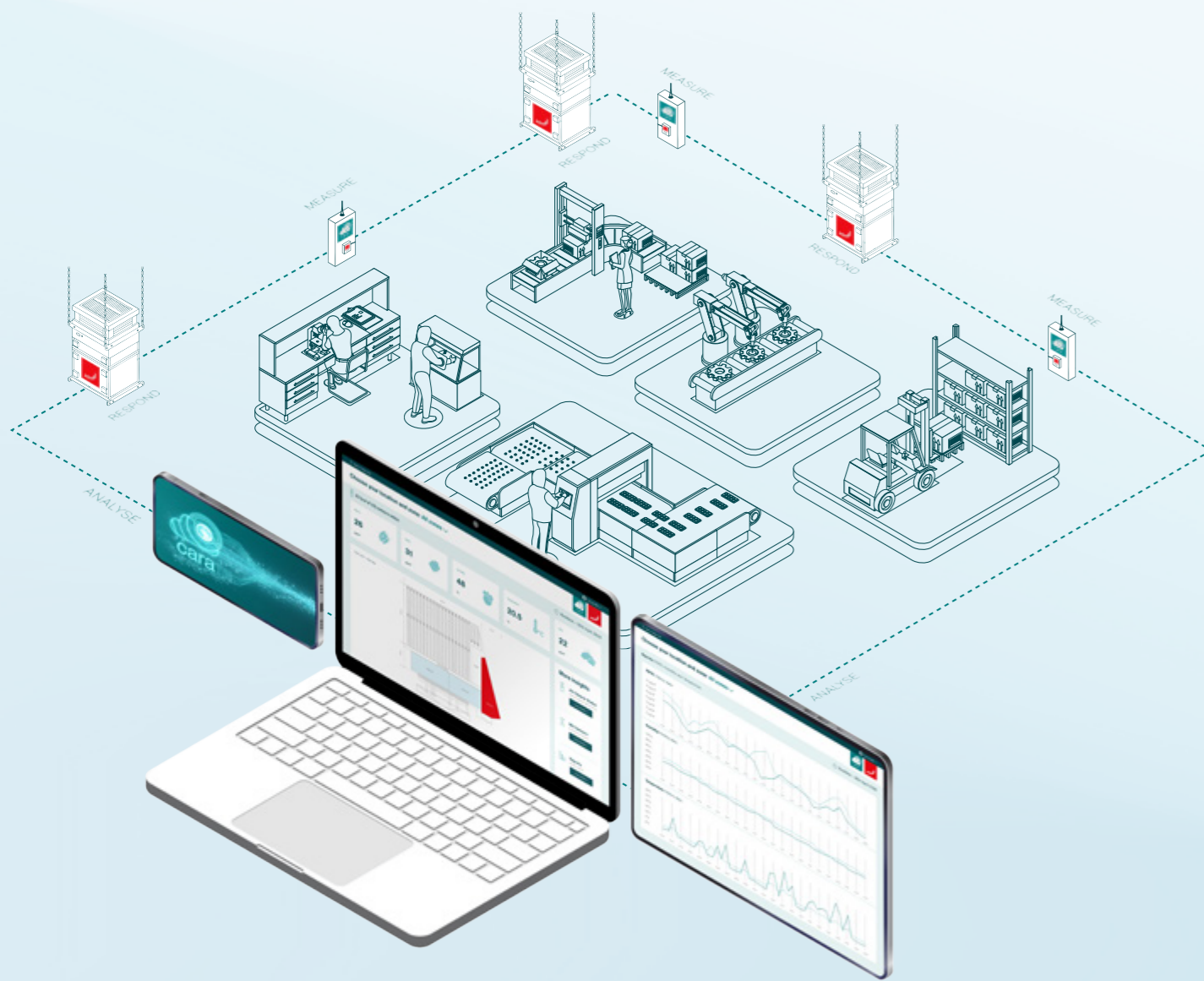


How monitoring becomes control.

Gain visibility and control of your indoor environment with Zehnder Air Quality Monitoring. Intelligent sensors and Zehnder CARA® (Clean Air Remote Application) provide real-time insights that help stabilise air quality when integrated with air cleaning systems.



A complete air intelligence system, ready to run.

Everything you need to understand your indoor air quality, fully managed by Zehnder. Professionally installed, connected and maintained without adding to your workload.

You receive:



Continuous air quality measurement.



Reporting to support compliance decisions



Access to Zehnder CARA with guided onboarding



Sensor installation, calibration and maintenance.



Real-time dashboards and alerts.



Ongoing support and system optimisation.

All delivered through one structured service model, with a predictable monthly fee. For organisations looking to take the next step, air cleaning systems can be integrated to enable automated air quality control.

info@zehnder-cleanairsolutions.com
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Product leaflet

Air drives performance. Now you can see it.

Zehnder Air Quality Monitoring turns real-time air data into clear, actionable insights – powered by Zehnder CARA® and delivered as a service. **Measure. Understand. Control.**

You manage your environment. But who manages your air?

Airborne particles don't stay where they're created. They move across zones, processes and products – often unnoticed. By the time you notice the impact, the damage is already done – in your product, your process or your compliance.

If you don't measure your air, you don't control your risk.

Uncontrolled air conditions can already be affecting:

- Product contamination risk
- Unplanned cleaning & downtime
- Hidden employee exposure
- Audit gaps
- Energy waste



Air quality monitors that bring clarity to every environment.

Air quality challenges vary by industry, but every environment needs clarity on changing conditions. Zehnder Air Quality Monitoring supports a wide range of workplace and industrial environments.



Manufacturing

Cut long-term exposure to harmful industrial particles and gain visibility across production areas.



Pharma & medical

Maintain controlled environments and support cleanroom-related processes with reliable data.



Logistics & warehousing

Identify and reduce airborne dust from movement, packaging and high-traffic zones.



Cold storage & controlled environments

Monitor and maintain stable humidity, temperature and air conditions.



Food & beverage

Support hygiene standards and reduce the risk of airborne contamination.



Recycling

Manage airborne dust and contaminants in high-particle environments.

1. Measure

2. Understand

3. Control

Air quality monitors Continuous measurement where it matters.

Sensors measure your air continuously where it matters most – across your entire facility, not just at the source.

They measure:

- PM1, PM2.5, PM4 and PM10 particles
- Temperature and humidity
- TVOCs, NO_x and CO₂
- Industry-specific thresholds
- Zone-by-zone air quality trends

This creates a continuous, real-time picture of your environment. Invisible conditions become visible.

CARA cloud The intelligence at the centre.

Zehnder CARA® (Clean Air Remote Application) turns raw data into clear answers: What risks are building? What's changing? Where do you need to act?

CARA provides:

- Real-time air quality dashboards
- Automated alerts when conditions change
- Structured reporting to support compliance processes
- Historical data for audits and analysis
- Trend analysis and hotspot detection
- A reliable data foundation to support next-best decisions for ISO screenings and other standards

Zehnder CARA® transforms measurement into understanding, enabling informed decisions.

Advanced air cleaning From insight to control.

With Zehnder CleanAir Max integrated, CARA doesn't just show what's happening – it actively steers your air cleaning system, responding automatically to changing conditions.

This enables:

- Demand-based air cleaning performance
- Automatic adjustment to changing conditions
- Energy optimisation
- Extended filter lifetime

Monitoring provides visibility. Integrated systems enable control.

A connected system, built around clarity.

A single connected view of your air quality data helps you identify changes early, prioritise action and support stable operations.

Companies using Zehnder Air Quality Monitoring have reported:

- 30% fewer hygiene deviations.
- 25% fewer staff complaints.
- 100% visibility of air risks.