Continuous Monitoring

Industry-leading monitoring system, calibrated, installed, and validated to meet FDA, GMP, and GxP standards.

At any scale. Anywhere in the world.

Experience Complete Peace of Mind - with Continuous Monitoring

Safeguard your critical assets with Ellab's reliable 24/7 Continuous Monitoring.

Compliance is more than measuring at one point in time: It's about uninterrupted audit-readiness.

Purpose-built for regulated life science environments, our precision-driven continuous monitoring system (CMS) safeguards integrity and compliance through calibrated, validated, and fully compliant systems that keep you audit-ready at all times.

Gain uninterrupted compliance, faster responses, and confidence that your products are protected every second of every day.

Complete Compliance
21 CFR Part 11 and Annex 11 compliant, supporting data integrity, continuity, and security.

Intelligent Alarms & Reporting
Automated alerts, escalations, action cards, and audit-ready reports ensure product safety at all times.

Flexible by Design
Available as Purchase, SaaS, On-premises, or Cloud, with full security and integration options.

One Partner – Complete Monitoring Support

Turn-key services for every stage of your journey.

Implementing and maintaining a compliant monitoring system doesn't need to be hard. With Ellab, you'll have a single partner throughout every stage of the journey. From infrastructure analysis to ongoing calibration, we reduce vendor complexity and keep your systems running smoothly.

Our turn-key approach helps you accelerate implementation, reduce downtime, and stay continuously audit-ready, with scalable solutions that meet your needs no matter how big.

"With Ellab, support never stops. From system startup to 24/7 support, we keep your monitoring systems reliable, compliant, and ready to perform anywhere you operate."

System Startups & Expansions

Infrastructure analysis

Signal strength mapping

Project management

System configuration

Training

Compliance

cGxP consulting

Documentation and SOP support

IQ/OQ of hardware and software

Continuous Support

Required standard annual support plan

Optional 24/7 premium support plan

System upgrades

Calibration support

Safeguarding
What Matters Most – Across Every Parameter

From storage to production, we deliver consistent real-time monitoring that gives you peace of mind.

Temperature	Pressure
Relative Humidity	Airflow
CO2	Light
Door	Particle Count

Ellab's continuous monitoring protects your most critical assets, from vaccines to medicines, throughout your daily operations. Intelligent alarms, guided action cards, and audit-ready reporting give you the confidence to act in time and maintain control.

With flexible configurations and tailored support, our solutions adapt as your needs evolve, covering a full spectrum of parameters including **CO2, pressure, particle levels**, and **system signals**. Nearly an infinite amount of parameters can be easily added through 3rd party sensors.

Monitoring
Critical Life Science Applications

Refrigerators

Ambient Room Freezers Incubators

Laboratory Equipment

Water Baths Ovens Clean Rooms

Packaging Cold Rooms

3rd Party Sensors Warehouses

Ellab's Continuous Monitoring System provides comprehensive protection of life sciences' most valuable assets and applications.

Continuous Monitoring Hardware – Flexible by Design

Designed for environments where reliability and compliance are non-negotiable.

Installed, calibrated, and validated to global standards, our hardware provides the continuous monitoring you can trust.

With flexible setups, secure data handling, and maintenance-friendly features, you can be confident that your monitoring system performs consistently – no matter the scale of your operations.

Flexible Infrastructure

Wireless RF-DC, wired PoE, or hybrid setups enable you to tailor the setup to your site's layout and requirements.

Network-Ready & Secure

PoE-powered devices, standardized connection ports, and HTTPS encryption ensure seamless and secure data flow into your compliance backbone.

Uninterrupted Data Assurance

Two-way communication with smart backfilling and local storage ensures data capture remains intact, even during connectivity lapses.

Maintenance Without Downtime

Hot-swappable SMART sensors and customer-friendly calibration options ensure continuous monitoring while minimizing downtime.

Compliant Software with Unmatched Performance

Software built for integrity and efficiency.

EMSuite is the backbone of continuous monitoring, delivering secure data, configurable alarms, and audit-ready reports on one validated platform.

Designed for regulated environments, it helps you save time, reduce risks, and be confident that every requirement is covered.

"Gain flexibility with a system that adapts to your needs, saves valuable time, and scales effortlessly across sites worldwide."

Smarter Alarms

Configure alerts across multiple channels to ensure the right people are alerted instantly

Reduce alarm fatigue with escalation paths

Action Cards turn your SOPs into guided, traceable responses

Audit-Ready Reports

Generate customizable reports with clear pass/fail options that make inspections easier to navigatey

Automated scheduling saves time and ensures that every report is available to stay consistently prepared for audits

Complete Compliance

Fully supports 21 CFR Part 11, Annex 11, and GAMP 5 requirements

Ensure data continuity and data integrity, and ALCOA+ principles alignment

EMSuite meets global standards, including cGxP, ISO, WHO, USP, VFC, and ICH

Seamless Integration

Flexible deployment options: Microsoft Azure cloud, on-premises, or hybrid setups

Smooth connectivity through Active Directory, single sign-on, OPC-UA, REST API, and Modbus TCP-IP

Adapts easily to your IT landscape and security requirements

ellab

About Us

Ellab is your partner in life science compliance, offering comprehensive support in validation, monitoring, and calibration. With global expertise and local reach, we help you minimize downtime, accelerate time-to-market, and optimize resources, lightening the compliance burden.

From projects through daily operations, we stand shoulder to shoulder, delivering tailored solutions that grow with your needs, ensuring confidence and consistency every step of the way.

ellab.com