



# Ellab Continuous Monitoring Solutions

Keep your assets safe by reliably monitoring  
your biopharmaceutical laboratories, storage  
areas, and facilities

Regulatory Compliance | Data Integrity | Alerts & Notifications |  
Scalable Solutions | Remote & On-Site Support





Ellab Monitoring System Overview



**Protect valuable  
assets, comply  
with regulations,  
and optimize  
your facility.**



# Ellab's Continuous Monitoring Solutions Provide Confidence Across All Applications

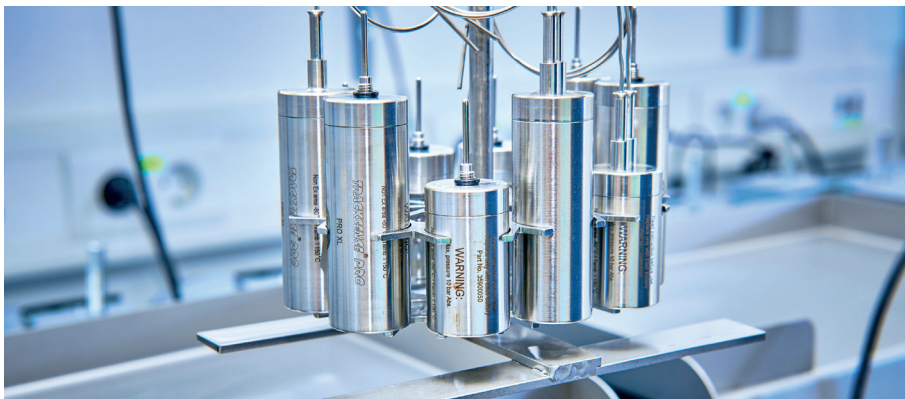
Experience a solid, reliable, and comprehensive real-time monitoring solution that addresses the concerns that matter most to you. Achieve ultimate peace of mind with timesaving features, services, and ongoing support options tailored to meet your needs.

**EMSuite software** takes your continuous monitoring system to another level. Experience full data collection with custom reports, interactive graphs, tables, and plan views, audit trails, and ability to comply with industry standards and regulations such as FDA 21 CFR Part 11 and more.

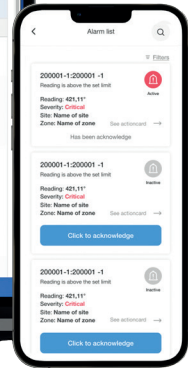
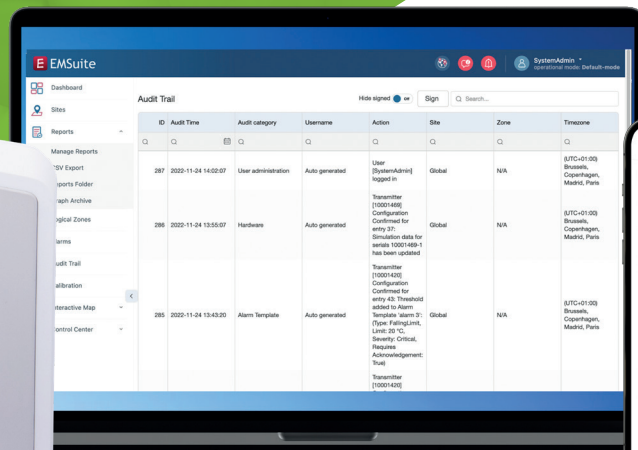
Custom alarms are configured to alert users when your control parameters have been breached. Some alerts are sent directly (via mobile APP, SMS, or email) to those who need to react appropriately.

Document your response to alarms by using our action cards, which turns existing SOPs into fully traceable step-by-step actions to keep your team engaged and responding efficiently.

Our TrackView Pro monitoring system safely transfers all your data through 2-way radio frequency communication or optional hardwired connection utilizing PoE for secure data transmission straight to software.



# Keep Your Products and Operations Safe with Ellab



## Whatever You Need

- Custom alerts, reports, and a variety of sensors to cover any facility.
- Overviews and interactive graphs, tables, and map views for detailed analysis.
- Prioritize data integrity with 2-way communication.



## Whenever You Need It

- Remotely view your system and receive alerts through mobile APP, SMS, and email notifications to ensure that alarms reach the necessary users.
- Generate custom report templates and schedule them to run automatically.



## Wherever You Are

- Access data and settings from anywhere in the world through the website and mobile app.
- Access the software through your smartphone, tablet, or local PC.



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# Regulatory Compliance & Custom Reports

Take advantage of fully customizable reports, providing easy access to relevant data so you can fully document your compliance and avoid unnecessary audit actions.

- Data can be easily retrieved for viewing, reporting, data analysis, and regulatory compliance.
- Generate advanced reports from our wide range of customizable modules to provide the data you need, when you need it.
- Quickly and easily view data trends to verify current and historical conditions.
- Protect your audit trail with a read-only system log that records a complete history of all actions and events.
- Optional upgrade for FDA 21 CFR Part 11 to support compliance with GxP, GMP, GLP, AABB, CAP, USDA, Annex 11 guidelines.
- Our validation documents are written to GAMP 5 standards with system life cycle documentation.

## Data Integrity & System Security

Ensure your data is collected and stored securely by protecting it from network failures, loss, alteration, or misuse.

- Protect and corroborate your data with a 2-way communication handshake between each transmitter and EMSuite software using secure and reliable LoRa communication protocols.
- Secure HTTPS encryption and data communication from access points to the software.



**Custom  
Parameters  
to Reduce  
Alarm Fatigue**



**Action  
Cards for  
Step-by-Step  
Instructions**



**Mobile App,  
Email, SMS,  
Software  
& Browser  
Notifications**



**Save  
Time with  
Automatic  
Data Capture**



## Scalable Solutions

Re-organize, move, and **grow** your continuous **monitoring** system with flexible reconfiguration as your sites and facilities change. Manage your team to improve and **standardize** your alarm response and plan **effective** actions.

- Additional hardware is added to the system within minutes and can be configured remotely.
- Easily relocate equipment within your facility.
- Adjust viewing privileges to ensure your team stays focused on what they need to see.
- Organize and grow your environmental monitoring system across multiple sites with local data capture, cloud-based solutions, and global system overviews
- Expand your system into new sites and locations.

## System Support, Calibration, Validation

Ellab offers **comprehensive** remote and on-site services for reliable calibration, validation, and maintenance to **support** your ongoing **monitoring** needs.

### Calibrations

Schedule regular on-site calibrations from our experts and maintain your system's optimal accuracy, or choose to freely perform independent calibrations. Avoid the cost and hassle of shipping your equipment by letting us come to you, or make use of our hot-swappable sensor exchange program to prevent unnecessary downtime.

### Initial setup and system configuration

Remote and on-site support to get the system up and running and integrated seamlessly into your existing infrastructure.

### Validation

Complete manufacturer IQ/OQ documentation available for both software and hardware, and optional on-site validation.



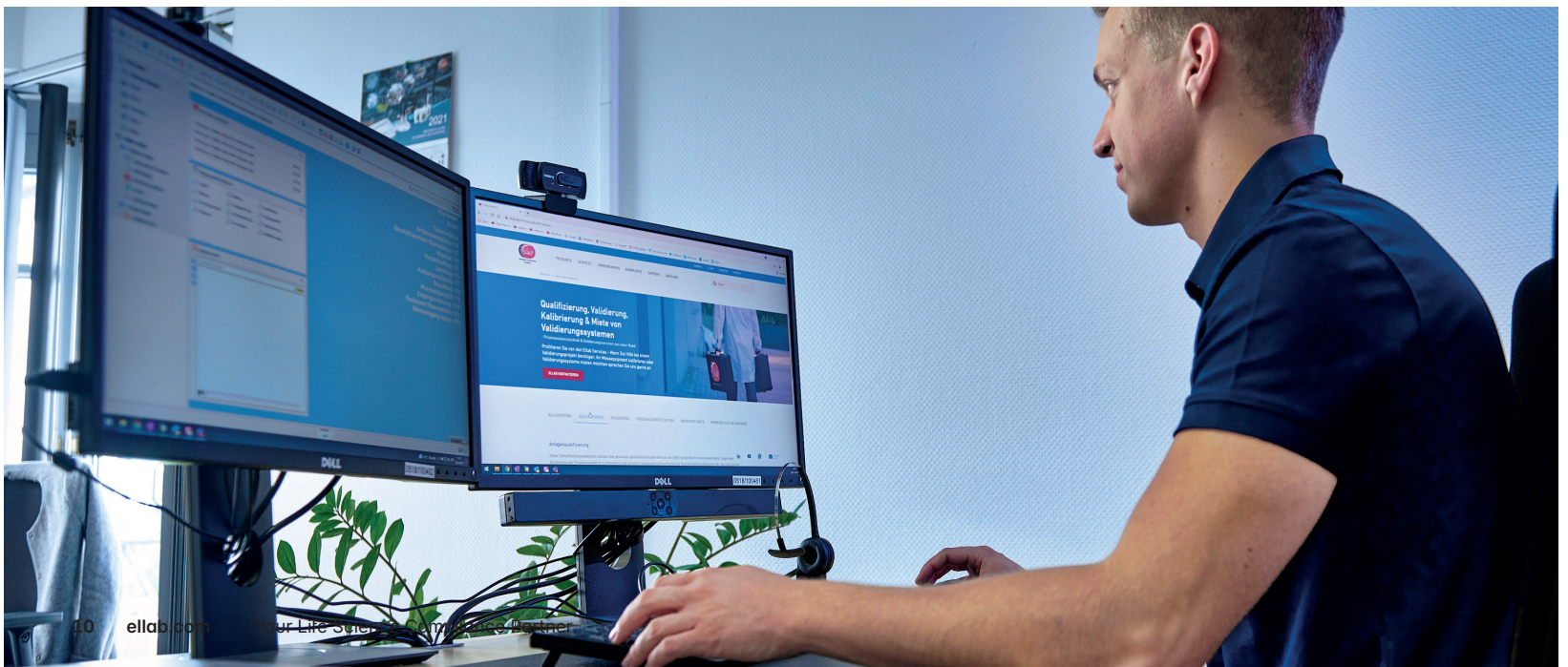
# Reliable Partners



With Ellab you have a competent partner you can rely on for all your continuous monitoring requirements. We provide expert knowledge and ongoing support so that you will always have instant access to expert knowledge and experience.

- Work with us to ensure strategic and tactical use of your resources and operations.
- We share strong core values such as quality, efficiency, and safety, so you know you can depend on us.
- A partner with comprehensive metrological knowledge and broad capabilities. Ellab provides temperature mapping, validation, monitoring, and calibration solutions and services, as well as training and GMP consulting.

# The ideal continuous monitoring system tailored to suit your needs



# Featuring a complete solution that provides both hardware and software for **accurate data, automated reports, and custom alerts that keep your products safe.**

If your chosen parameters are ever breached, the system alerts you immediately – giving your team the time they need to correct the error.



Versatile Temperature, Humidity, Door Switches, Differential Pressure & CO<sup>2</sup>



Total Security, Data Privacy & Integrity



On premise & SaaS with FDA Approval



2 Way Radio Communication



Expandable system; up to 32 transmitters



Personalised System Scalable Multi-sites, Dashboards, Alarming, Interactive Map, Graph Views/Sensor Lists & more



2X SMART probe Connections for each transmitter type



+ Ethernet connection for PoE version



2 Way Radio Connection

Ellab has been your validation and monitoring partner since 1949, offering both validation equipment and validation services as well as environmental wireless monitoring solutions.

We serve both small and large companies within the Life Science and Food industries and have solutions for almost all applications such as sterilization, freeze drying, environmental chamber testing, depyrogenation, warehouse mapping, pasteurization, controlled temperature units (CTU) and many more.



**YOUR LIFE SCIENCE  
COMPLIANCE PARTNER**

