

# Vaisala viewLinc Continuous Monitoring System

Environmental Monitoring, Alarming, Reporting



SOLUTIONS FOR INDUSTRIAL APPLICATIONS

**VAISALA**

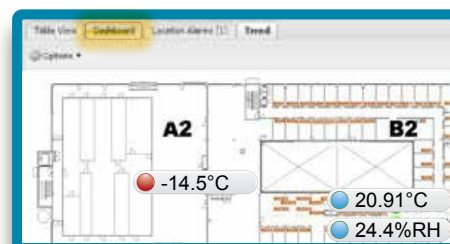
# Multiple Parameters, Multiple Applications

The Vaisala Continuous Monitoring System (CMS) features the viewLinc software to provide flexible alarming, real-time trends, and customizable reporting. Ideal for both light and heavy industrial applications, the system integrates a wide selection of Vaisala data loggers, transmitters and sensors to monitor temperature, relative humidity, dew point temperature, CO<sub>2</sub>, differential pressure, door switches, and more.

The Vaisala CMS scales easily from just one or two measurement points to more than 1000 points and is well suited for multi-site and multi-national use. The viewLinc software uses your network for continuous monitoring of conditions via any combination connectivity options, including: Ethernet, PoE, or WiFi.



Live data showing the conditions overlaid on actual environment photo



Live data showing the conditions overlaid on floor schematic

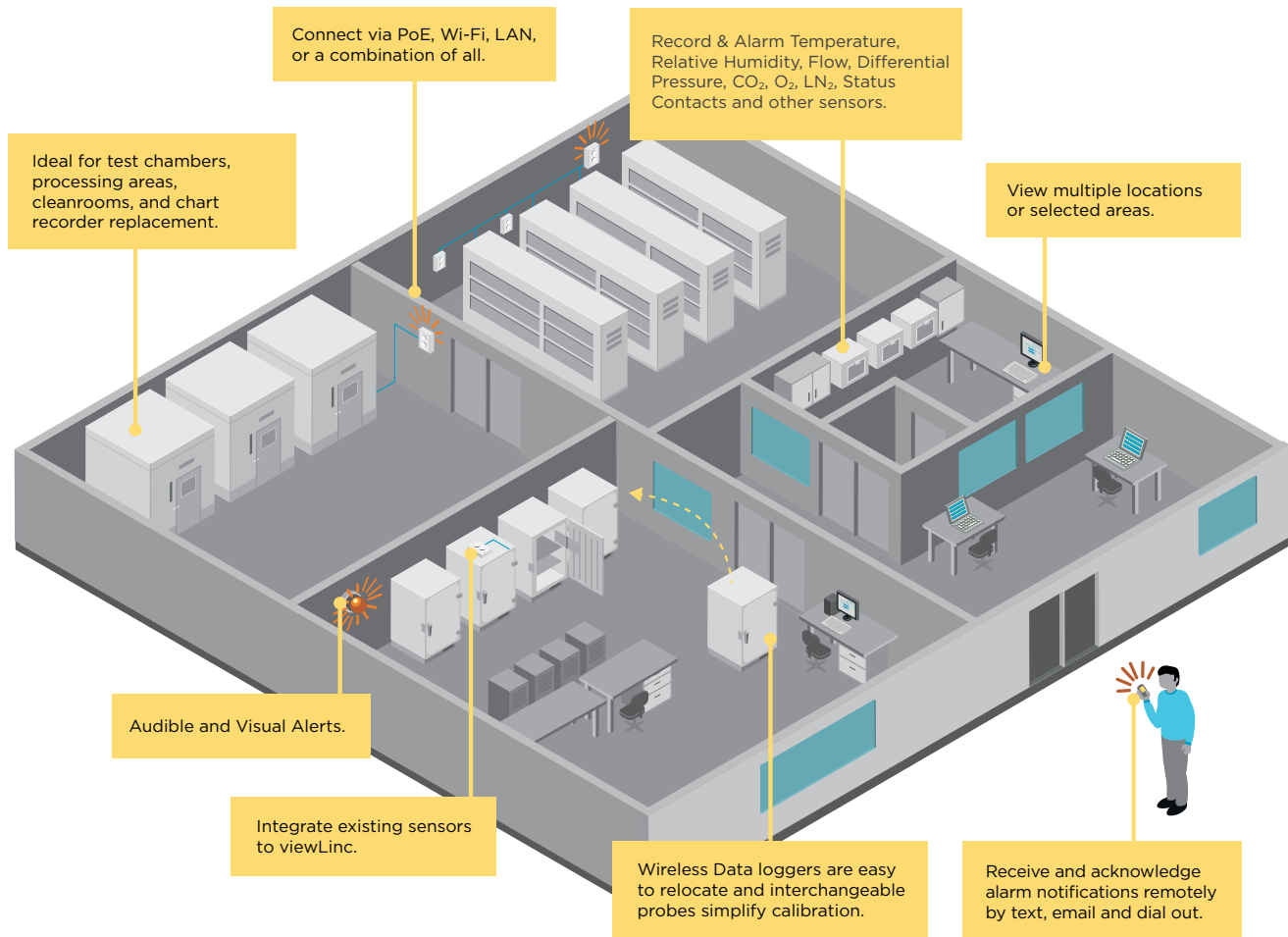
## Industrial Applications

- › Cleanrooms
- › Calibration Laboratories
- › Semiconductor Manufacturing
- › Military, Aerospace and Defense
- › Distribution Centers
- › Food/Beverage Manufacturing
- › Data Centers and Equipment Rooms
- › Museums, Archives
- › Chart Recorder Replacement

## The Vaisala CMS provides:

- Real-time monitoring and alarming
- Easy connectivity to existing networks resulting in reduced costs
- Scalability to thousands of monitored locations
- Redundant recording that runs parallel to control systems
- Wireless device options for high-traffic areas and hard-to-reach places
- Optional on-site installation and calibration services ensure smooth start-up and reduced downtime
- Mobile optimized interface – access data from smart phones and tablets

# Real-time, Remote, Reliable



The CMS can integrate analog hardware to monitor almost any parameter with devices that output 4...20mA, 0...5V, 0...10V, thermocouple (mV) or dry contact (Boolean). This range of sensing hardware results in unmatched agility in industrial monitoring. In some regions\* we offer prefabricated panels that incorporate Vaisala instruments with other hardware for customized solutions.

Sensing device options:

- Wall, duct, remote probe mounting capabilities with wired or wireless connectivity
- Temperature measurements from -90°C to 180°C and humidity measurements to 100%RH
- Dew point measurements from vacuum to 100 bars; ambient to -80°C dew point
- Differential pressure sensors for single point monitoring and multiple zone applications using customized panels
- CO<sub>2</sub> measurement from 0 to 20% for DCV and safety applications
- Intrinsically safe options for hazardous/explosive areas. Compliant with VTT (CENELEC, Europe), FM (USA), CSA (Canada), TIIS (Japan), and PCEC (China), VTT (IECEX)

The system allows you to consolidate offline measurements in a Web browser interface for reporting acknowledgments, trend analysis, manipulation, and customization. Users can securely view reports from any device that can access the Internet and monitor their areas of responsibility 24/7.

# System Features

## Real-time Data Trending

Users can view a real-time trend and a graphical overview of controlled areas to monitor all measured points in one interface. Drill down into points from the dashboard overview to view trend data.

## Complete Data Protection

Months of data can be retained in the memory of each logger. Automatic data backfill to the server and client PCs ensure gap-free data.

## Flexible Alarming

Remote and local alerts of out-of-tolerance conditions are sent via text, phone, pager, PC, buzzer, lights, and third party responders. Alarms can be sent and acknowledged on mobile phones via SMS and email.

## Automated Reporting

Create custom reports on demand. Frequently run reports can be automatically generated and delivered by email on a pre-set schedule.

## Browser-based Access

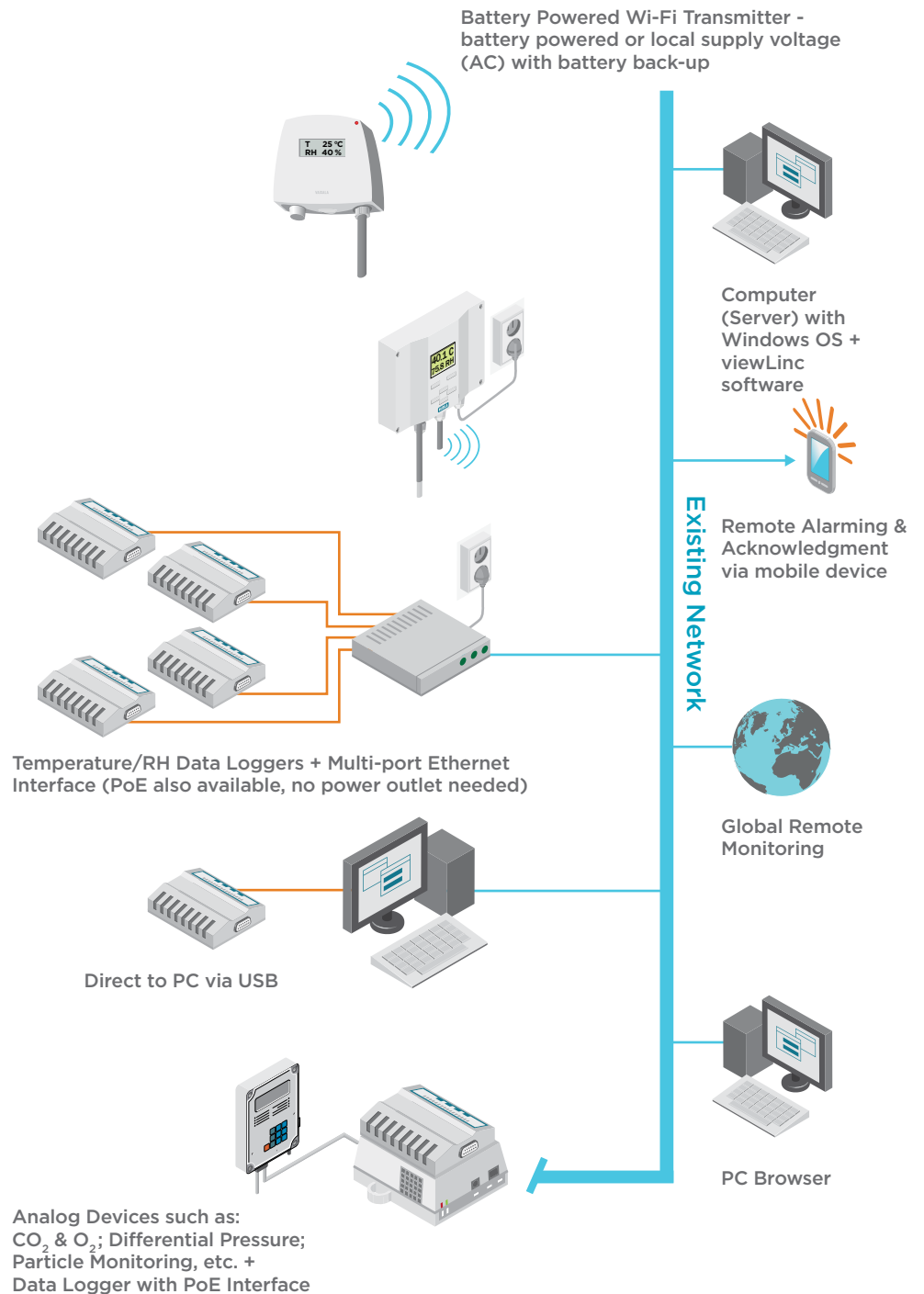
No software needs to be installed on client PCs.

## Global Environmental Management

The CMS can span time zones and still report in the time zone of the local facility. All data is collected and keyed to one time zone, but reportable to all.

## Interoperability

Optional OPC server allows CMS devices to integrate with existing automation systems. Additionally, existing non-Vaisala sensors can be integrated with viewLinc software.



# Services & Calibration

The Vaisala Continuous Monitoring System comes with a full suite of service options. From calibration services — onsite and in our ISO17025 accredited calibration laboratories — to warranties, data logger rentals, support plans and training. Vaisala support options are designed to help you get the most out of your system.

- Onsite or full service calibration and functional testing in our accredited laboratories. Learn more at [www.vaisala.com/calibration](http://www.vaisala.com/calibration).
- Full system installation, configuration and training by our certified technicians to ensure that the system is set up to meet your business needs with minimal effort on your part.
- Extensive support plans that provide prioritized technical support by phone, email and Web, instructor-led administrator and user training, access to eLearning content and free software upgrades.

Vaisala's team of engineers, metrologists and technical support experts are committed to ensuring your system functions flawlessly for many years.

## Options for GxP Applications

The Vaisala Continuous Monitoring System has components to suit your operational and regulatory needs, including:

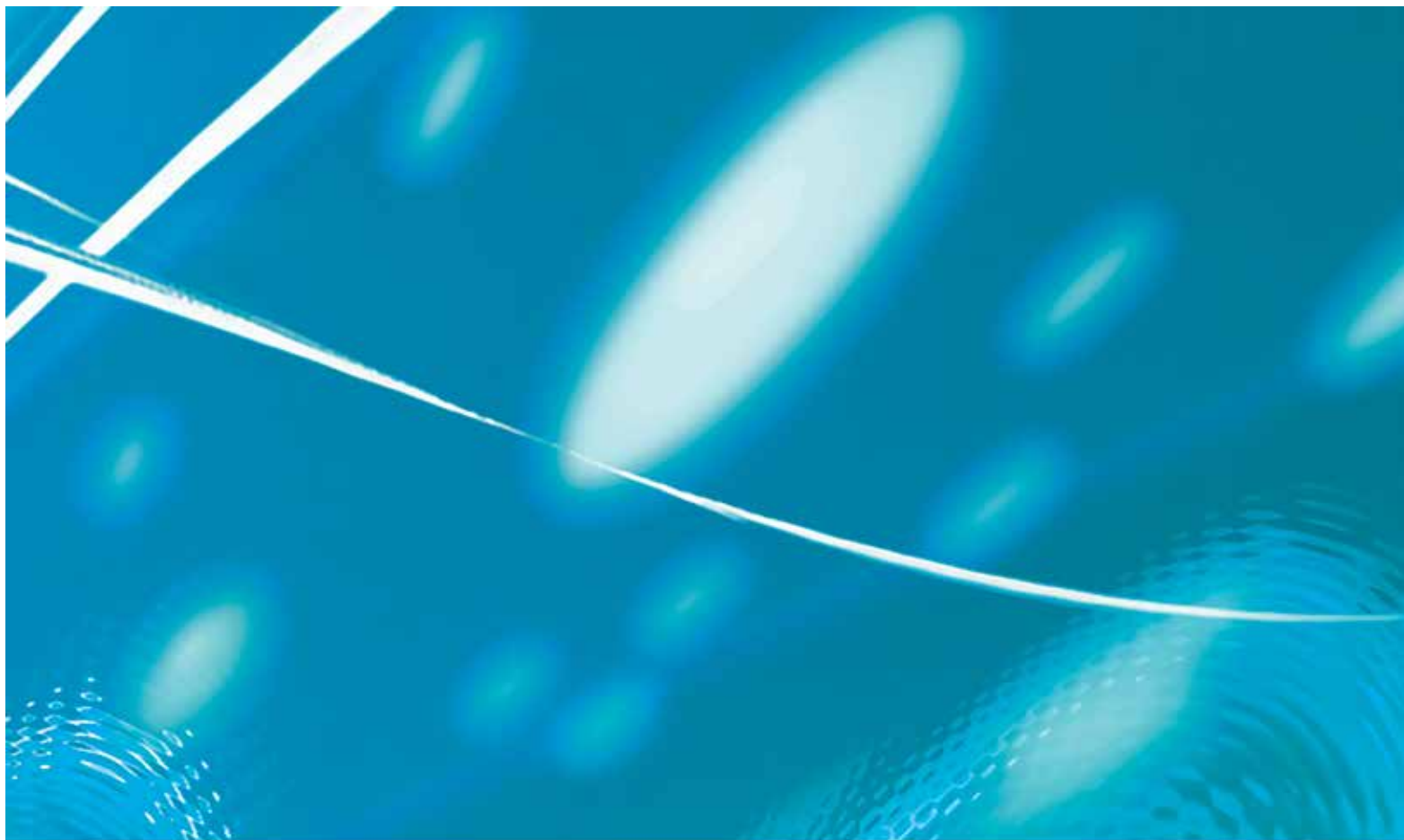
- Validatable software
- Environmental mapping qualification software
- Encrypted data and audit trail
- IQOQ protocols & GxP Documentation
- ICH compliant calibration options

Learn more about monitoring options for regulated environments at [www.vaisala.com/CMS](http://www.vaisala.com/CMS).



*"Before installing viewLinc, we spent eight to ten hours per week checking chart recorders. Now we check all locations in real time from a Web browser and generate reports in minutes."*

Mark Kashaf  
Teledyne Technologies Inc.



# VAISALA

[www.vaisala.com](http://www.vaisala.com)

Please contact us at  
[www.vaisala.com/requestinfo](http://www.vaisala.com/requestinfo)



Use mobile phone  
to read the code.

Ref. B211485EN-A ©Vaisala 2015  
This material is subject to copyright protection, with all copyrights retained by Vaisala and its individual partners. All rights reserved. Any logos and/or product names are trademarks of Vaisala or its individual partners. The reproduction, transfer, distribution or storage of information contained in this brochure in any form without the prior written consent of Vaisala is strictly prohibited. All specifications — technical included — are subject to change without notice.