

**VAISALA**

**Measurement Solutions**  
for the Life Science  
Industry





# Why Vaisala

Vaisala provides environmental measurement and monitoring solutions for critical life science environments. For over 80 years we have manufactured products that help our customers to make better decisions, and to ensure safety and efficiency.

Our solutions help you safeguard sensitive products in warehouses, processing/manufacturing facilities, laboratories, and cleanrooms — wherever pharmaceutical, biological, and medical device products need to be protected from out-of-tolerance conditions.

[View the history of Vaisala in an interactive timeline.](#)





# An Environmental Monitoring System that Nearly Deploys Itself

With Vaisala's NEW Wireless Technology VaiNet

- Do-it-Yourself deployment, self-configuring loggers
- Simple, intuitive user interface
- Unique, truly reliable wireless technology with superior signal strength
- Optional compliance tools: IQOQ protocols and GxP documentation

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

**VAISALA**

# Explore



## EXPERIENCE

What Makes Vaisala Different



## MEASURE

Applications, Parameters, Instruments



## MAINTAIN

Calibration and Repair Services



## WATCH

Informative Video Links



## DISCOVER

Selection Tools, Blog



## LEARN

Collection of Webinars



## INQUIRE

Contact Us



# Success Stories

At Vaisala we pride ourselves on staying connected with our customers throughout the lifecycle of their instrument and application. Many of our customers share their experiences with us. Keep reading to find out how companies such as AstraZeneca, Owens & Minor and more, use Vaisala monitoring systems.





# Experience

With Vaisala Environmental Monitoring System, AstraZeneca collects information about temperature, humidity, and differential pressure in their production facility. This information is being used to safeguard product quality. Since Vaisala Environmental Monitoring System also helps fulfill regulatory requirements, AstraZeneca can easily demonstrate their compliance to regulators.

“We made a careful evaluation of various systems. Vaisala was one of the candidates as we had long experience with their monitoring instruments. We were quite sure their system would fit our needs, and our thorough evaluation proved it was so.”

*Mats Andersson,  
Project Manager*

READ THE STORY

**VAISALA** / SUCCESS STORY

**AstraZeneca Increases Efficiency with Continuous Monitoring System in Leading Manufacturing Facility**



# Experience

While evaluating monitoring system vendors, Herbalife tested multiple systems. Key requirements included: a system scalable to any size of warehouse, in any type of climate, and consistency in implementation and management. Over six months, the Herbalife Quality and Facilities Management team evaluated several systems before selecting the Vaisala Environmental Monitoring System.

“We wondered if we wouldn’t be better off maintaining the higher density of sensors for long-term monitoring and decided to leave all sensors in place. This essentially resulted in ‘continuous mapping’ of these environments. We have used this system for three years and found it very successful.”

READ THE STORY

*Gary Swanson,  
Senior VP of Quality for  
HerbaLife International*

## VAISALA / SUCCESS STORY

### Global Nutrition Company Adopts Continuous Mapping Strategy to Strengthen Environmental Monitoring

Founded in 1980, Herbalife Ltd. is a global nutritional company that provides supplements, vitamins, and personal care products in over 90 countries. To ensure independent members. To ensure



HERBALIFE



# Experience

The McKesson project team selected the Vaisala Environmental Monitoring System because it provided the capabilities McKesson required, including automated and customizable reporting, the ability to install and validate the entire system, and on-site calibrations. These product attributes improve operational efficiency and greatly enhance the firm's environmental control capacities.

“The Vaisala team is well qualified, easy to work with, and became a part of our team. This relationship was a major reason that our original goal of project completion within two years was met.”

*Joe Cwierniewicz,  
McKesson Facilities  
Manager*

READ THE STORY

## VAISALA / SUCCESS STORY

McKesson Delivers Pharmaceuticals Safely & Reliably with Standardized Environmental Monitoring in 60 Distribution Centers

Founded in 1833, McKesson is  
a healthcare





# Experience

Prior to upgrading their monitoring capability, Owens & Minor used data loggers to measure and record temperatures. Individuals in each distribution center would manually download the data for review and archive purposes.

“Initially, we installed the system at one location to gauge its capabilities before deploying nationwide. The system worked great and now monitors temperature and relative humidity from 423 sensors located within our warehouses, refrigerators, and specialty rooms.”

[READ THE STORY](#)

*Bob Peck, Director of Regulatory Compliance for Owens & Minor*

**VAISALA** / SUCCESS STORY

LIFE SCIENCE & HIGH TECHNOLOGY

**Warehouse Monitoring: Medical/Surgical Supplier Distributor Improves Efficiency and Compliance**

Owens & Minor, Mechanicsville, VA, is a leading U.S. supplier of integrated healthcare





# Industry Experts

Vaisala brings Best-In-Class value to our customers every day. To ensure we continue to understand your needs, we take customer feedback seriously and cater to your specific requests. Our world class manufacturing facility ensures that the instruments we offer meet your most demanding requirements in a wide variety of applications.

Our sales and engineering team is extremely **skilled** and **experienced** and is **always available to help** our customers with optimal solutions for their business needs.

*Gerry Ducharme,  
Head of AMER  
Controlled  
Environment Group*



# Measure

Vaisala provides systems and services to reduce the risk posed by environmental deviations in your critical areas. Continuous monitoring of any sensitive environment helps you to meet your regulatory compliance needs. We make your work faster, easier and more successful by offering an unbeatable combination of technology, experience and services. With Vaisala's environmental monitoring solution in place, you can focus on productivity.

**Keep reading to learn more about the right fit for your application and the different parameters we measure.**





# Parameters and Applications

Click on the icons below for information about the parameters we measure.



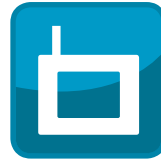
CO<sub>2</sub>



DEW POINT



TEMPERATURE



MONITORING  
SYSTEM (EMS)



RELATIVE  
HUMIDITY



DIFFERENTIAL  
PRESSURE





# Warehouse Monitoring

Reduce the risk of non-compliance and degraded products in your GMP-compliant holding areas with Vaisala solutions for warehouses and distribution centers.

Click on the thumbnails below to view our products:



Dataloggers



Mapping Kit



Transmitters

WAREHOUSES





# Cleanroom Monitoring

Vaisala's instruments and solutions reduce the risk of out-of-specification conditions and help keep your pharmaceutical and biotechnical cleanrooms audit-ready and compliant.

Click on the thumbnails below to view our products:



**Dataloggers**



**Transmitters**

CLEANROOMS





# Refrigerator and Freezer Monitoring

Vaisala fridge and freezer monitoring, alarming and reporting solutions reduce the risk of lost product and regulatory non-compliance for your life science environments and critical cold storage applications. Ideal for remote freezer temperature monitoring, and with multiple connectivity options including wired and wireless, the system is simple to set up and easy to use.

FRIDGES/FREEZERS

Click on the thumbnails below to view our products:



Dataloggers



Mapping Kit



Transmitters





# Incubator Monitoring

Monitor and measure your medical, pharmaceutical, and biotechnical incubators with Vaisala solutions. Designed for life science and GxP applications, Vaisala protects your valuable products, ensures regulatory compliance, and provides assurance of test and process results.

INCUBATORS

Click on the thumbnails below to view our products:



Dataloggers



Mapping Kit



Transmitters







# Stability Chamber Monitoring

Vaisala stability chamber monitoring solutions provide independent real-time trends and audit trails with flexible alarming and customizable reporting. Vaisala reduces the risk of non-compliance with the requirements of the ICH and FDA for monitoring temperature, relative humidity, and other critical parameters.

STABILITY CHAMBERS

Click on the thumbnails below to view our products:



Dataloggers



Mapping Kit



Transmitters





MEASURE

# Calibration Laboratory Monitoring

Reduce the risk of imprecise measurements and failed audits in your accredited calibration laboratories and metrological applications with Vaisala solutions.

Click on the thumbnails below to view our products:



Dataloggers



Transmitters

CALIBRATION LABS





# Nutraceutical Monitoring & Validation

Vaisala solutions reduce the risk of lost product and regulatory non-compliance in DSHEA-compliant nutraceutical manufacturing facilities, warehouses, and distribution centers.

Click on the thumbnails below to view our products:



Dataloggers



Transmitters

NUTRACEUTICALS





# Hospital and Pharmacy Monitoring

Reduce the risk of lost product and regulatory non-compliance in your hospital pharmacy environments, ORs, procedure rooms, blood and tissue banks, and labs.

Click on the thumbnails below to view our products:



Dataloggers



Transmitters

HOSPITAL/PHARMACY





# Environmental Mapping Qualification

Vaisala offers qualification tools to help you to comply with guidance like Good Distribution Practice and USP. Easy to use with compact, battery-powered data loggers, the Vaisala Mapping Kit is ideal for qualifying rooms and chambers used in drug and biotech development, manufacturing, storage and distribution. Customizable reports are easy to create and comply with 21 CFR Part 11 and Annex 11.

Click on the thumbnails below to view our products:



Dataloggers



Mapping Kit

MAPPING SYSTEM





# Maintain

Vaisala service centers offer a wide range of high accuracy calibrations for Vaisala instruments. Vaisala offers calibration services that have been accredited by the world's leading accreditation authorities. Accrediting bodies audit management, quality systems and technical competence and formally recognize compliance by issuing a certificate of accreditation. ISO/IEC 17025 is the international standard used to accredit testing and calibration laboratories for measured quantities. Standard calibration options are available for all instruments and, if required, Vaisala can work to create a calibration option to meet your specific requirements or test points.

SERVICE CENTER





# At Your Service

## Calibration Care:

Calibration Care is a multi-year calibration agreement with several benefits compared to single purchases of services, from discounted cost to priority service.

## Premium Care:

Premium Care protects your investment in Vaisala's products. If your product is damaged or broken for any reason, return it to us and we will repair or replace the product free of charge. It's that simple. Premium Care is available for new products or if renewing an existing Premium Care agreement.



Click to view Service Options.

Regular calibration ensures your instruments continue to provide accurate, high-quality data. Choosing the right calibration laboratory can be as important for lifetime accuracy and reliability as the initial selection of the instrument.

Our laboratories started in 1958 and we continually improve our technology, facilities and capabilities to provide the high quality and scope of services that you expect from Vaisala.



# Onsite Calibration

Onsite calibrations combine compliance with convenience. In order to minimize the impact of regular calibrations on critical processes and staff, Vaisala calibration technicians can perform a wide variety of calibrations onsite to meet your specific needs, often allowing monitoring to continue uninterrupted.

ONSITE SERVICE







# Prepaid Plan Savings

Vaisala instruments have the option of a prepaid calibration plan. Prepaid plans protect against unanticipated increases in calibration costs over the period of the plan. With calibration interval notifications and calibration certificates that include “as-found” and “as-left” data, prepaid calibration plans significantly reduce the cost of hardware maintenance over time.

PLAN SAVINGS





# Watch

These short videos will take you on a virtual tour of the Vaisala cleanroom, as well as an overview of Vaisala instruments and technology in the life science industry.

**Scroll to the next page to watch our videos.**





WATCH

# Videos

YOUTUBE CHANNEL

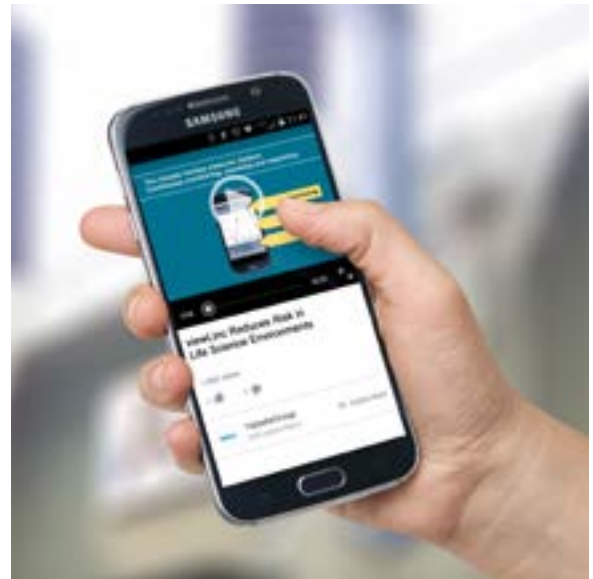


## Take a Look Inside a Vaisala Cleanroom

Take a virtual tour of where Vaisala's accurate humidity, pressure and CO<sub>2</sub> sensors are researched, developed and manufactured.

## Vaisala Continuous Monitoring System: viewLinc Monitoring, Alarming and Reporting

This video presents Vaisala's viewLinc Continuous Monitoring System.



## Vaisala Life Science Solutions for Real Life

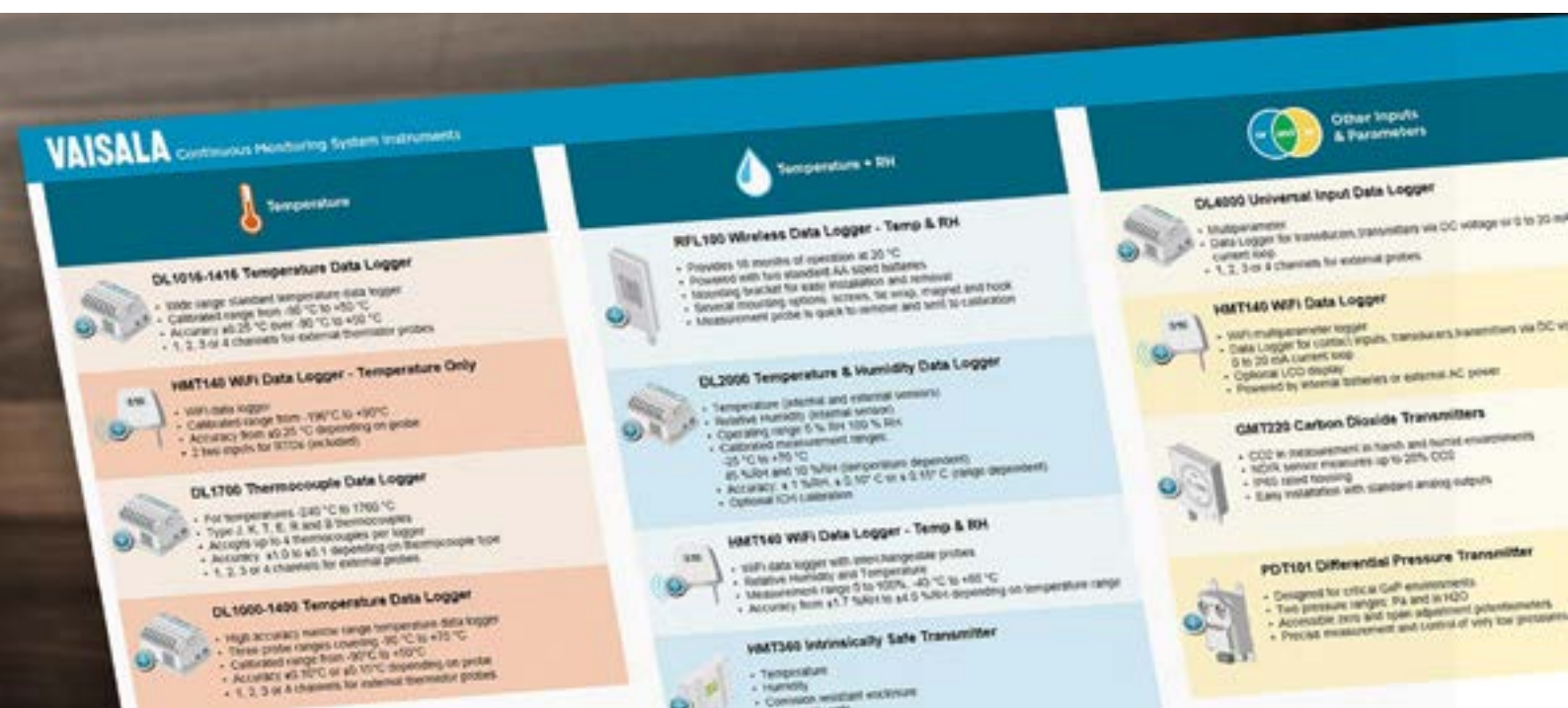
This video is an overview of Vaisala solutions in the life science industry.



# Discover

Whether you have freezers, refrigerators, warehouses, or incubators, Vaisala's monitoring and measurement systems keep you fully compliant, streamlining operations and protecting critical processes and products. Find out which instrument is best for your application, with our Instrument Selection Guide.

## SELECTION TOOL





# Blog

What will you find on this blog? That depends on what's happening in the life science world. We post about our experiences at industry events, changes in the regulatory world, interesting new technologies, or whatever else looms large on our radar. You can also see references to new or existing application notes in our knowledge library. And, you may see posts from a guest blogger every now and then. Feel free to comment and share your opinions and ideas for blog activity. You can expect to see new posts on this blog bi-weekly.

[BLOGS](#)





# Learn

Our free on-demand webinars are a great way to gain valuable knowledge.



Maintaining Compliance in your GxP Monitoring System



Stability Studies and Monitoring Webinar



VaiNet: A Wireless Technology that Rises Above Crowded Frequencies



Mean Kinetic Temperature in GxP Environments



Validation Basics



How to Validate your Monitoring System Software

[MORE WEBINARS](#)

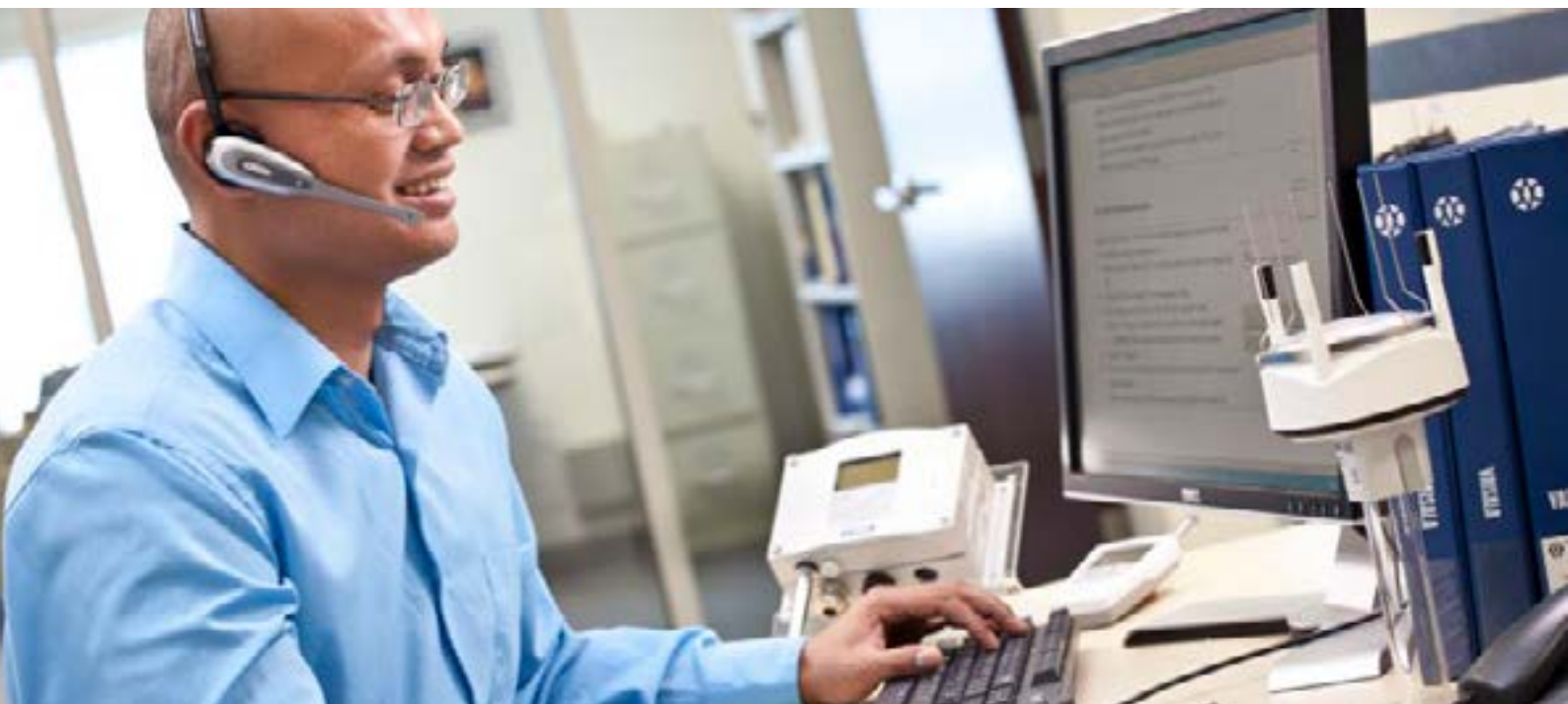


# Inquire

Our team brings to our customers 100+ years of combined mechanical, chemical, electrical and computer engineering experience.

Vaisala engineers are on hand to assist you with your product or application questions.

[CONTACT US](#)





# Vaisala Life Science Solutions for Real Life

**VAISALA**

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

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



Scan the code for  
more information

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