

## Secure monitoring of indoor climate values in central functional units in industrial companies – with **testo Saveris 2**.



As the facility manager of an industrial company, you carry a large responsibility for a number of business-critical processes. It is your job to guarantee the technical availability of the systems. If breakdowns of central functional units, such as the air conditioning system, for example, are identified too late, they can cause heat damage to products and machines, resulting in high follow-on costs for the company.

For this reason, the monitoring of ambient parameters such as temperature and humidity is an important indicator for threatening, and already occurring, malfunctions in technical systems. With the automatic WiFi data logger system testo Saveris 2, Testo provides the possibility of measuring ambient data automatically, even at difficult-to-access locations, and of centralizing them in one system. You will learn how this works on the next page.



A testo Saveris 2 WiFi probe measures temperature and humidity in a ventilation duct.

**The challenge.**

Assemblies, air conditioning systems, heating systems, switching cabinets, system components and much more: In order for the overall technical process in an industrial company to function smoothly, you as the facility manager have to monitor ambient values at many different measurement locations. Some of the measurement locations are difficult to access and are far apart. In a daily business characterized by time-pressure and the processing of malfunctions, it is hardly possible to manage the continuous monitoring of all areas of responsibility which involve a level of risk. This often leads to malfunctions<sup>1</sup> being identified too late. On top of this, as a facility manager you have up to now not been able to be certain of always being right there where you are needed most urgently.

**The solution.**

The WiFi data logger system testo Saveris 2, on the other hand, saves the facility manager time, trips and nerves. It very simply assists you in keeping the many measurement locations under control. The alarm function allows round-the-clock fast reactions to undesired changes in the ambient conditions. For example, temperature measurement on a motor can indicate that it is overheating before an expensive breakdown occurs.

**How testo Saveris 2 supports you.**

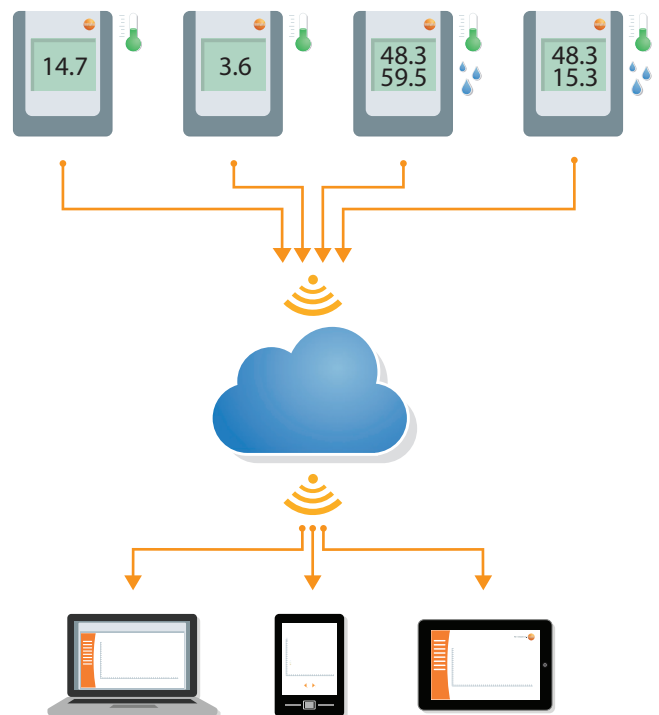
A crucial advantage of testo Saveris 2 is its Cloud-based function. The WiFi data loggers transmit the measurement data automatically by wireless LAN to the online data store (Testo Cloud). The values can be called up anywhere and at all times by PC, Smartphone or tablet. This makes it possible to keep an eye on the temperature and humidity values at the various measurement sites, even in different buildings, without any effort. Bothersome and time-consuming trips to read out the measurement values are no longer necessary.



You can view all relevant measurement values flexibly at any time on mobile end devices or your PC.

The alarm function gives added security: If, for example, the temperature increases in one of the switching cabinets, the system automatically sends an alarm by e-mail or SMS. For the purposes of preventive maintenance, it is possible to react before expensive damage or delays in critical primary processes occur. In addition to this, the continuous analysis of temperature developments provides valuable information on the causes of malfunctions. Preventively, these can often be remedied at low cost. This allows the efficiency of the industrial system as a functional unit to be increased. Thanks to the Quick Start Guide, the WiFi data logger system is quick to install, flexible in use, and can be extended by further data loggers at any time.

Due to its simple and flexible handling, testo Saveris 2 allows facility managers to keep climate monitoring at different areas of responsibility under control – even when they are not on site.



Temperature and humidity values are measured by WiFi data loggers, transmitted to the Testo Cloud by wireless LAN, and then forwarded from there to an end device, also by wireless LAN.



testo Saveris 2 monitors indoor climate parameters securely and reliably, also in production areas.

**testo Saveris 2 – all the advantages at a glance:**

- Monitor the indoor climate values in an entire industrial system automatically and efficiently.
- Prevent breakdowns and damage with the help of the alarm function.
- Access the data in the Testo Cloud at all times and anywhere by Smartphone.
- Increase energy efficiency through the analysis of temperature data.

**More information.**

More information and answers to all your questions on the topic of indoor climate monitoring in facility management at: [www.testo.com](http://www.testo.com)