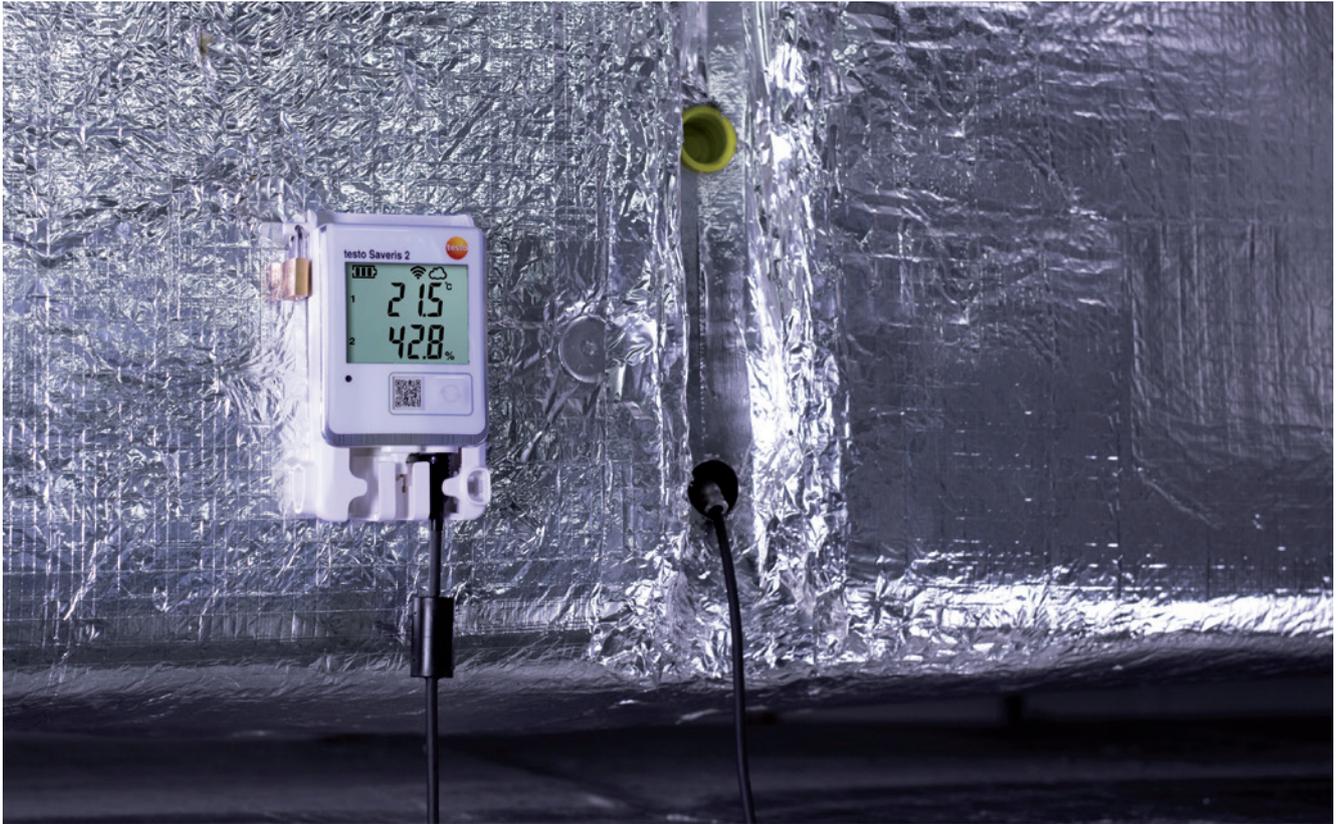


## Secure monitoring of indoor climate values in central functional units in a hospital – with **testo Saveris 2**.



As the facility manager of a hospital, you are responsible for the ambient conditions in which patients can recover quickly. This includes the availability of the technical systems just as well as the correct indoor climate in patients' wards, treatment rooms and stores. Breakdowns of central functional units such as the air conditioning system present a special danger in hospitals: They cause stress for the patients and negatively affect time-critical procedures in the hospital. The monitoring of indoor climate

parameters such as temperature and humidity provides the facility manager with important indicators of threatening, as well as acute, malfunctions in the technical systems and instruments. 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 and heating systems, drugs refrigerators and much more: In order for the overall technical process in a hospital 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 or 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' 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 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, the temperature measurement of a diesel generator can show that it is overheating, before the emergency electricity supply is interrupted, endangering the lives of the patients.

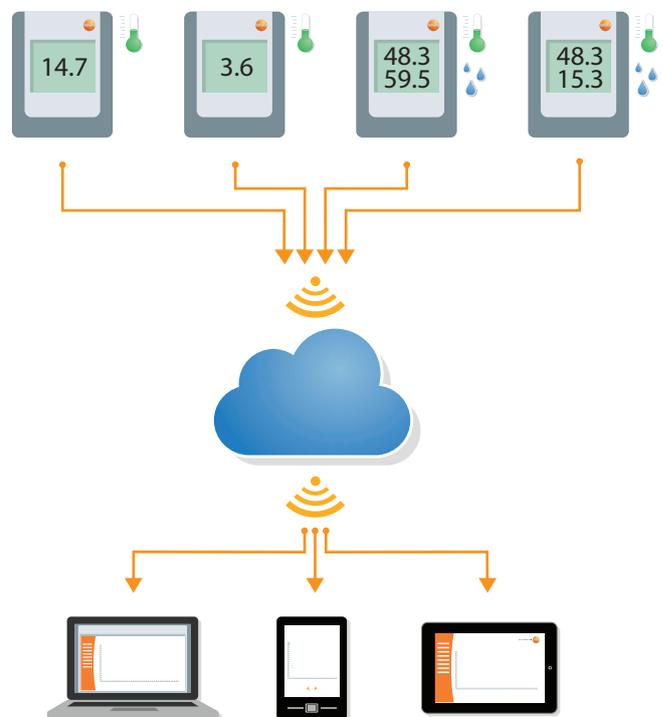
**How testo Saveris 2 supports you.**

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 all the temperature and humidity values, even in different buildings, without any effort. Bothersome and time-consuming trips to read out the measurement values are no longer necessary. The alarm function gives added security: If, for example, the



A WiFi data logger monitors the temperature in a blood refrigerator, and provides the staff with an alarm when critical deviations occur.

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 to the systems or critical delays in the clinic's procedures occur. The alarm function can be easily transferred to staff members, so that they can react quickly on site. In addition to this, you can use the ambient data to determine which areas are not correctly air conditioned. This allows the efficiency of the the clinic to be increased, and at the same time, building damage, for example caused by mould growth due to insufficient ventilation, to be avoided. Thanks to the Quick Start Guide, the WiFi data logger system is quick to install, 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 measures and documents ambient values securely and reliably even in sensitive laboratory surroundings.

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

- Monitor the indoor climate values in the entire hospital automatically and efficiently.
- Prevent breakdowns and damage with the help of the alarm function
- Increase energy efficiency through the analysis of temperature data.
- Access the data in the Testo Cloud at all times and anywhere by Smartphone.
- Document all your measurements automatically and without paper.

**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)