

# Laboratory

## TermoSense® wireless monitoring system saves your biomaterial

TermoSense® is a wireless sensor system that measures, reports, alerts, controls and records various types of conditions: temperature, humidity, lighting, water levels, refrigeration compressor's condition, air conditioning compressor's condition,... where you can just monitor your biomaterials, even as charts back in time. The system can minimize risks in an individual laboratory, scalable to a whole hospital complex.

### This is how it works

Wireless sensors are easily mounted in refrigerators, freezers and refrigeration compressors.

Information about current temperature, for example, is recorded and transmitted wirelessly via a receiver to your customer page on [termosense.se](http://termosense.se), where each measurement value is recorded continuously.

Via the Internet (computer or mobile phone) you can clearly observe current values or changes over time in terms of graphs. In addition to the current time you can easily return to a calendar to view charts from any time.

If the temperature should rise or fall much over a defined time, a warning is sent to you via SMS.



### In good time

The monitoring system can automatically analyze and warn of potential risks that would not otherwise be detected, for example weakened refrigeration compressors, refrigerators that loses power and/or may be at the limit of its capacity, etc.

Service agreements are also included, including second opinion and that SensiNet can remotely assess and troubleshoot your cooling devices. In such cases we have close personal contact.

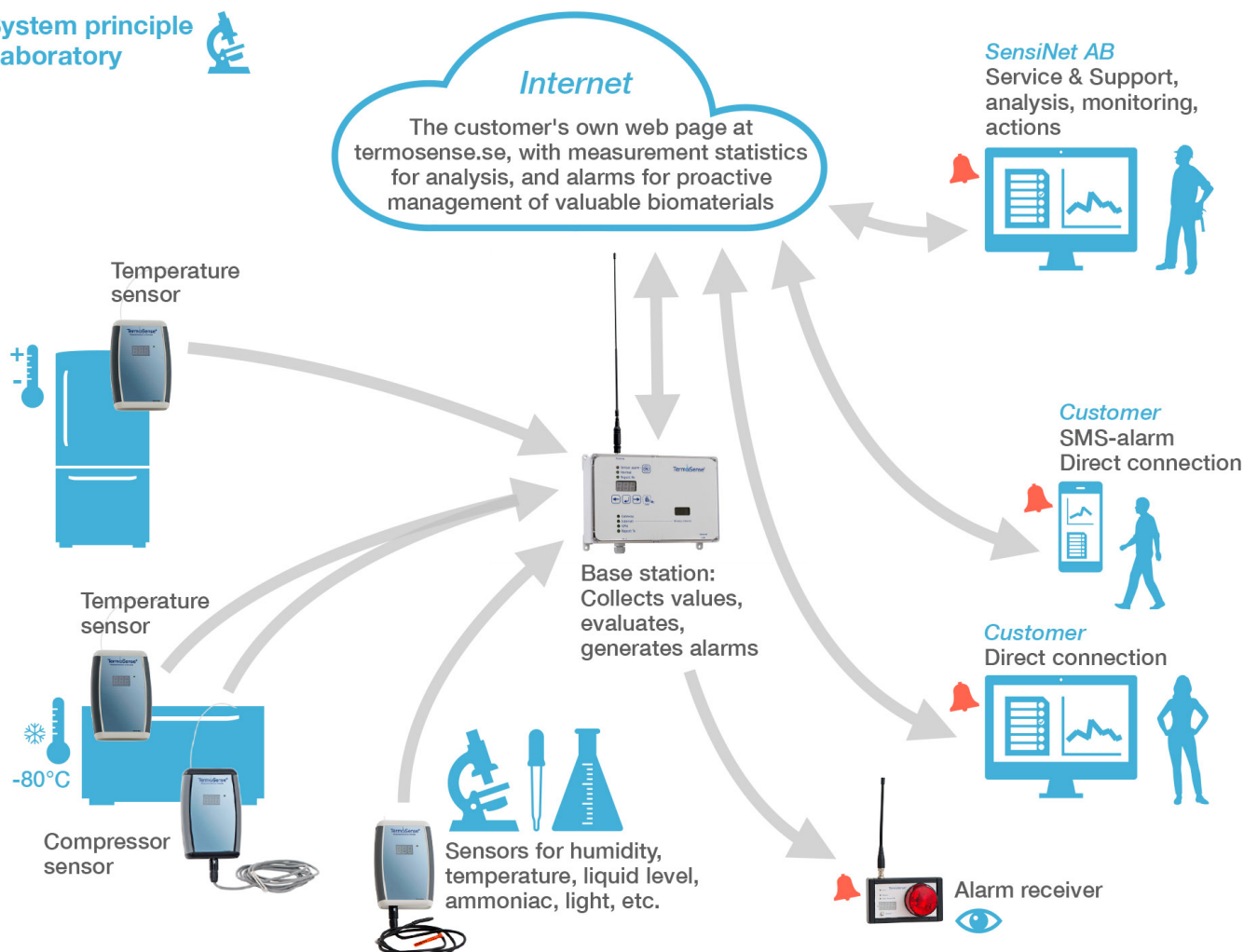
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## TermoSense® system description

### System principle Laboratory



v1.4

SensiNet

The wireless sensors form the basis of the TermoSense® system. They are tight, durable and maintenance-free with up to 17 years of battery life.

The intelligent base station collects all measurement values and generates alarms when something deviates, sending data to your customer page on termosense.se through the Internet, where you get good overview of your current system status as well as statistics chart.

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