TermoSense®

Grocery

A smart temperature monitoring system for foodstuffs

TermoSense® is a wireless sensor system that measures, reports, alarms, controls and records different types of conditions: Temperature, humidity, cooling compressor condition, and more.

The system is scalable and fits both small convenience stores and supermarkets. You get a full overview of temperatures in real time and also the statistics change over time.

Temperature measurements of foodstuff during in and outbound delivery is logged with a simple control tool. Entries are directly and wirelessly stored in a table corresponding to the respective supplier.

This is how it works

Wireless sensors are easily mounted in refrigeration units, freezing units and refrigeration compressors.

Information about, among other things, the current temperature is logged and sent wirelessly via a receiver to your customer page at termosense.se, where each measurement value is recorded and the records are saved continuously.

Via the Internet (computer or mobile phone) you can easily observe current values or changes over time in the form of curves. In addition to the present, you can easily step back in a calendar to see diagram of any time.

If the temperature should rise or fall too much over a defined period of time, an SMS warning is sent to you and/or the person responsible for a particular department.
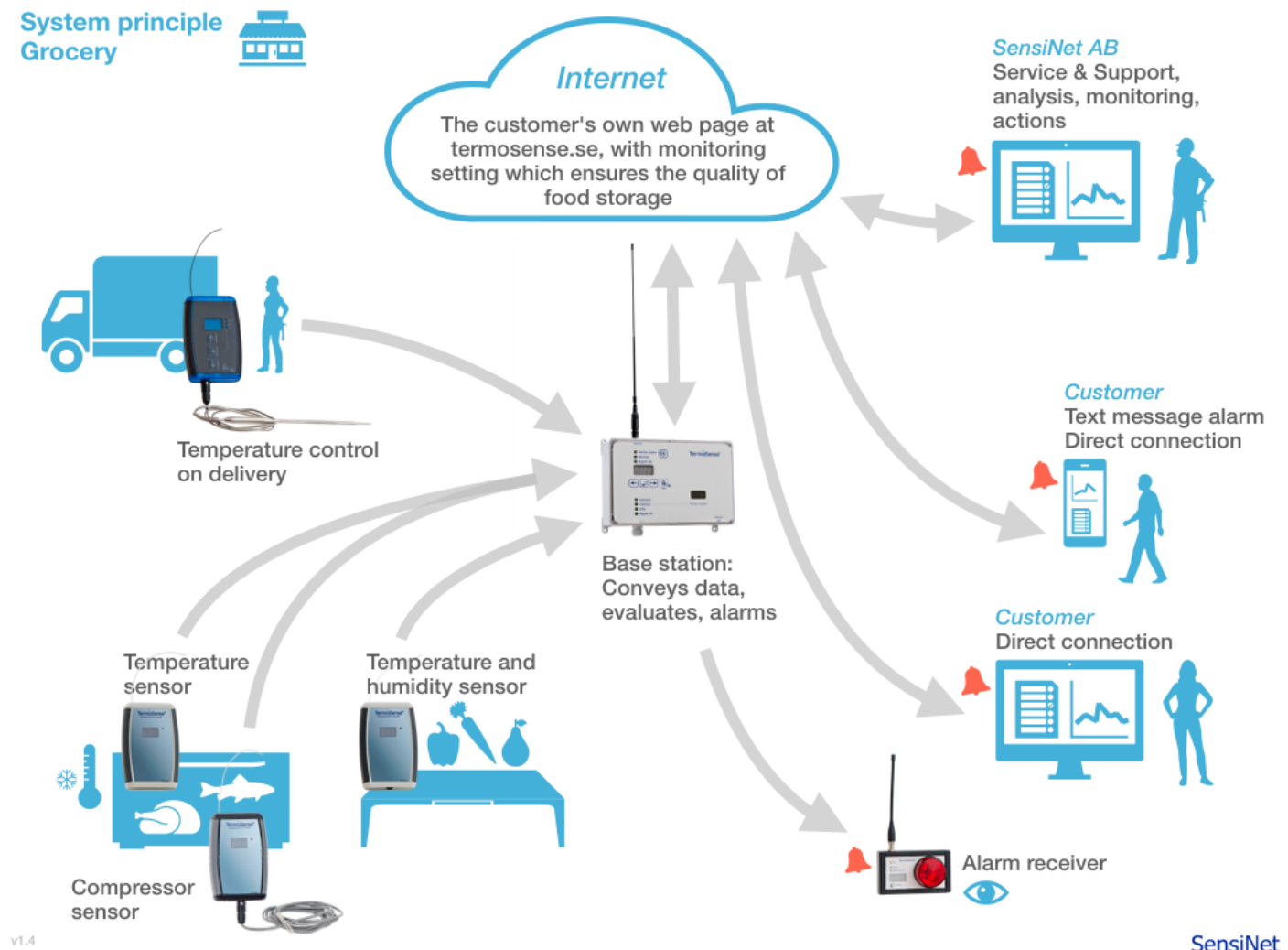
In good time!

The surveillance system can automatically analyze and warn of potential risks that would not be detected otherwise, for example, weakened cooling compressors, refrigeration freezers that lose power and may be at the limit of their ability, etc.

Service agreements can also be found as additions, including second opinion and that SensiNet can remotely assess and troubleshoot your refrigeration units. In such cases, we have a close personal contact.

TermoSense® system description

System principle Grocery

Internet

The customer's own web page at termosense.se, with monitoring setting which ensures the quality of food storage

SensiNet AB
Service & Support, analysis, monitoring, actions

Temperature control on delivery

Customer
Text message alarm
Direct connection

Base station: Conveys data, evaluates, alarms

Temperature sensor

Temperature and humidity sensor

Customer
Direct connection

Compressor sensor

Alarm receiver

v1.4

SensiNet

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

The intelligent base station gathers all the measured values and generates alarms when something deviates, and sends data to your customer page at termosense.se via the Internet, where you get a good overview of your current system status including statistics charts.