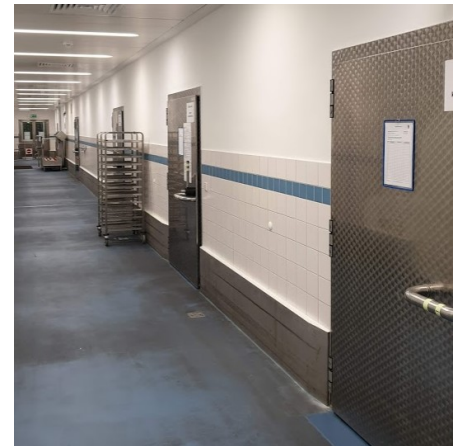# Simple Deployment and Robust Reliability

Thinnect technology enables simple and quick deployment of solutions in any environment. Using the self-configuring networking technology the devices are able to find an optimal configuration even in very complex situations.

Once the devices have been placed in the selected positions they form a network and start reporting application data immediately, be it temperature readings from a refrigerator, CO2 readings in a building or noise and traffic data from city streets.

Thinnect's reliable networking technology ensures that all collected sensor readings are also available in the Cloud.

SOLUTION BENEFITS

- **Wireless battery-powered sensors can be placed anywhere**

- **Every sensor operates also as a repeater for others, forming a mesh network**

- **Gateways relay data from sensors to the Cloud**

- **No specialist, no additional wiring needed!**

A good example is the deployment of Thinnect Temp-Sense product in a hospital kitchen in Magdeburg, Germany. The kitchen has 20 walk-in refrigerators with stainless steel doors. The customer had not been able to find a communication technology that would be able to provide reliable data from the refrigerators.
A total of 30 Thinnect sensors were deployed across two levels. The customer was happy to see that all sensors are able to deliver their data to the Cloud using other sensors as relays. The customer is very satisfied with the solution and uses it on a daily basis.

Thinnect's field-proven technology was originally designed for defense applications, the first use case being Boarder Patrol with deployments in over 30 countries. Thinnect's self-configuring technology and automated system management services ensure that all temperature sensors are able to report data from the moment they are powered and continue reliable operation for years.

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