CONNECTED PRODUCT CARE & FOOD SAFETY

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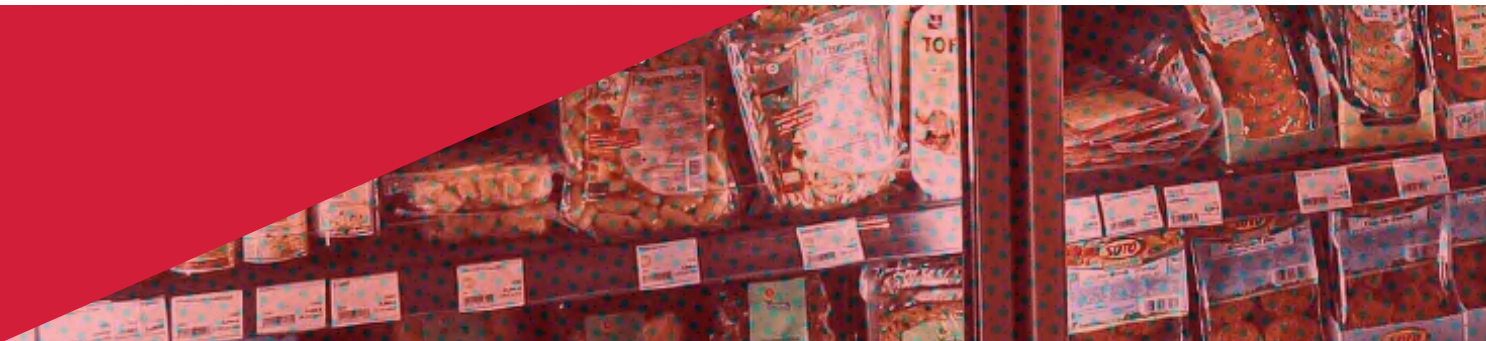
COLD CHAIN EFFICIENCY

Wireless temperature and humidity Dataloggers, providing all the information necessary to improve maintenance tasks and product quality

Battery lifetime up to 8 years

Relevant information for reduction of product losses

CLOUD MULTISITE MONITORING PLATFORM

Preservation conditions Indexes

KPI

AKONET.Cloud

Stored Product

Food Storage Quality Indicators
Speed of stored product ageing and drying compared to optimal conditions

TTI - Time-Temperature Index
Percentage of time in Set Point range in terms of Temperature

THI - Time-Humidity Index
Percentage of time in Set Point range in terms of Humidity

HACCP indicators for food security and detection of potential healthy risks due to inadequate preservation conditions

NB-IoT Integrated LPWAN connectivity, allowing an efficient communication and high durability of the battery

Plan ahead maintenance tasks analysing remotely, thereby minimising operating costs

The easiest and fastest installation thanks to its direct connection to AKONET.Cloud, autonomous power supply and start-up by pressing a single button

Remote management and monitoring of connected devices from anywhere and any device, allowing a simple analysis to improve the performance of your facility

Report management to improve global quality and reduce product losses and customers complaints, increasing the user's satisfaction

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☐ No installation needed   ☐ Wide application range

Transport   **Horeca**   **Retail**   **Pharma**   **Climate**

HOW CAN WE HELP TO IMPROVE PRODUCT CARE AND MAKE YOUR INSTALLATION MORE EFFICIENT?

Indexes for food preservation and safety:
Increase the life of the stored product and minimise product losses

Maintenance tasks:
Alarm emission and automated reports for rapid action

Energy savings:
By optimising storage temperature thanks to given information

WIRELESS TEMPERATURE & HUMIDITY DATALOGGER AKODATA

Battery-powered with a life span up to 8 years

- Plan ahead your maintenance tasks thanks to all the information provided
- Wide range of applications, thanks to its direct connection to the Cloud, IP68 Protection Degree and operating ambient temperature from -40 to 50°C
- Increase product care by monitoring your facilities from anywhere and any device

CLOUD MULTISITE MONITORING SYSTEM AKONET.Cloud

Easy and intuitive remote management and monitoring platform, allowing:

- Display data and graphs
- Notifications and alarm send
- Automatic reports
- Remote change of parameters

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PRODUCT CARE:
AKODATA CASE STUDY

FOOD RETAILER (SPAIN)

THE CASE

We detected the need to optimize the temperatura monitoring on self-cooled services, where manual logging is being done 4 times per day for 25 services. The customer was looking for a solution that would allow saving labour costs without having to modify the entire system and achieve reliable information. AKODATA was the perfect solution. The supermarket chain granted a pilot test to demonstrate reliability and profitability of the solution

THE PROJECT

800m2 pilot supermarket located in Spain

Facilities:
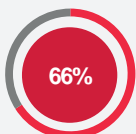- 25 services without monitoring
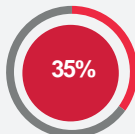
Labour Costs / Year
- 11.000€

GOALS

1. Reduce Labour Costs.

2. Detect Bad Practices and Wrong Product Conservation

3. Introduce remote monitoring, control and alarm system. Business Intelligence

RESULTS

66%

BAD PRAXIS DETECTED:
Within two thirds of the services bad praxis like long doors openings were detected and solved by operations manager

35%

WRONG SETPOINTS
Wrong Temperature configuration (either higher or lower)

6 months

PAYBACK:
Fast and profitable return of investment

11,000€

SAVINGS /YEAR (LABOUR COSTS)
Only taking into consideration Labour Costs (Not energy efficiency or product care took into consideration)

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