



ocea
SOFT
COBALT

COBALT

The multi-parameter wireless monitoring solution

C O B A L T



HEALTHCARE

Monitoring storage areas for pharmaceutical, blood, medical products and more. Complies with GMP and GLP requirements



AGRI-FOOD

Monitoring for warehouses, cold rooms, ovens and incubators. Temperature tracking for analytical laboratories.



FOOD SERVICES

HACCP compliance. Total control over the cold chain during transformation processes. Temperature monitoring for meal-related services.



DISTRIBUTION

Monitoring for refrigerated trucks and transportation, cold rooms and containers.



COBALT Plug & Play



A cost-effective solution for monitoring temperature in your storage areas.

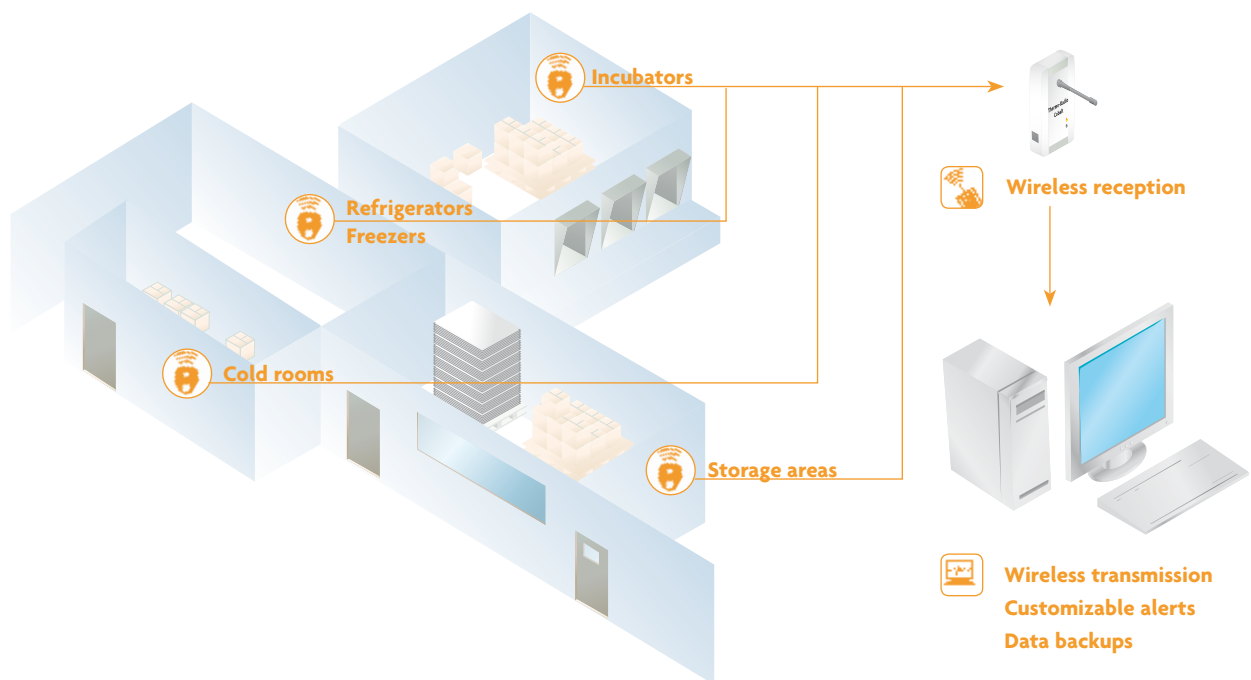
The Cobalt system is easy to install and easy to use. Since it's wireless, no cabling is required. It lets you accurately measure storage temperatures for temperature-sensitive products remotely in real-time.

Cobalt checks temperature automatically, warns you in case of anomalies and stores temperature data for tracking and traceability purposes.

■ Wireless transmission

■ Customizable alerts

■ Data storage



HOW IT WORKS

Each Cobalt device is composed of one or two digital or analog temperature probes connected to a wireless module. Cobalt collects and stores temperature data at regular intervals, transmitting it wirelessly to a PC running the system management software. This software also handles alarms and data storage, giving you a fast and easy way to see all your measurements and anomalies in just a few clicks.



System features

COBALT Plug & Play

Simple and cost-effective installation

Save on installation fees if you are installing fewer than 15 modules.

Fast installation - takes less than 1 hour.
 Installation Wizard simplifies procedure.
 Automatically detects modules and alarms.
 Programmable wireless temperature collection.
 Unlimited telephone support.

■ Customizable configuration

Define measurement, processing and storage procedures to meet the exact needs of your own installations

Accurate temperature measurement.
 User-definable measurement and transfer periods.
 Automated data storage.
 Alert parameters include day/night/weekend/holiday settings.
 Handles variations caused by door opening and closing.

■ Precise visual monitoring

You can view temperature data in several convenient presentations.

Global view.
 Superimposed graphs.
 Display using graphs, summary table, individual probes.
 Digital building plans.
 3-D color maps showing thermal exchange (optional).
 Remote monitoring via network and Web.

■ Multiple options for alarms

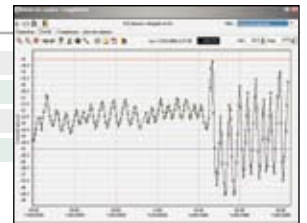
Every type of Cobalt alarm can be configured for different alert messages.

Audio and visual alarms.
 Voice alerts transmitted by fixed or mobile phone.
 Text messages via SMS (now available in France, coming soon to other markets).

■ Data traceability and security

Cobalt software backs up all transmitted data. Overall system security ensures data reliability in compliance with regulatory standards.

Centralized backup of temperature readings.
 Archived alarms.
 Password protection.
 Audit trail.



Technical specifications

Wireless frequency: 868.325, 915, 867 or 433 Mhz according to the country.
 Secure wireless communication protocol
 Range up to 4 km (line-of-sight) with repeaters.
 Output power: 25 mW in ISM band
 Replaceable 3.6V Lithium Ion battery
 Wireless module water-tightness rating: IP66 (IP68 optional)

Probe water-tightness: IP68
 Each end-point stores up to 3000 readings locally (unlimited on PC)

Approvals:
 ART, CE
 Developed in compliance with FDA 21CFR part 11
 GMP, GLP
 EN 12830

Probe products:
 Temperature: from -55° to +125°C
 - Relative humidity
 Available upon request:
 - Temperature: -200° to 1600°C
 - CO2



OCEASOFT Founded in 1999, Oceasoft specializes in temperature monitoring and traceability in healthcare, agri-food and industrial sectors. Oceasoft has designed and developed a complete line of solutions that meet regulatory constraints and help reduce risk on sanitary, pharmaceutical and food products.

A few references: Georges Pompidou European Hospital, Genzyme, Procter & Gamble Pharmaceuticals, Reliance, Aventis Pharma, Novartis, Institut Pasteur, Marcel Mérieux, Sodebo, Pomona, Madrange, Sandoz, Elior, Monoprix, Cora, Unilever and more.