Thermotrack Webserve

Real Time Temperature tracking and traceability of your fridges, cold rooms, labs on the Internet.

Compatible with :

Ethernet Sensors   **Thermo Buttons**   **TB Net Connect**

21G   22L   22T   23

Main features

- Temperature tracking and traceability of your fridges, cold rooms, shops…
- Alarms by email, SMS, Pop Up whenever temperature exceeds the thresholds
- Complete temperature history of your Equipments

Advantages

- Different types of sensors, 1 single application
- Multi sites and multi users system
- Centralization and share of the data
- System accessible from any computer
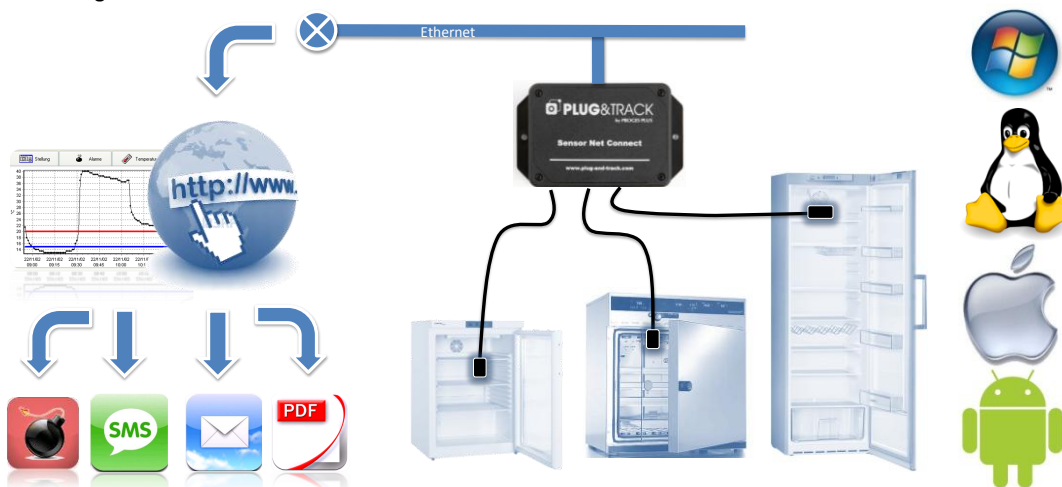- Secure backup for 5 years

Description

Thermotrack Webserve is an Internet service that enables a real time control of your fridges, cold rooms, steam cabinets, server rooms… with the Sensor Net Connect, and that enables the temperature traceability with Thermo Buttons.

No software to install on your PC. A login and a password are enough to access the service, program your loggers, your temperature thresholds and check all the temperature records.

In case of alarms, you receive a message by email or by SMS or Pop Up.

You can use Thermotrack WebServe on several locations. From any computer, with your **IPhone, IPad, phone or Android tablet computer**, in your company or outside, you can check the temperature data.

Thermotrack Webserve **automatically saves your records** on our secure servers. We do regular updates with new functions, backups and keep 10 years data on our servers. We guarantee the access to the service 24 x 7.
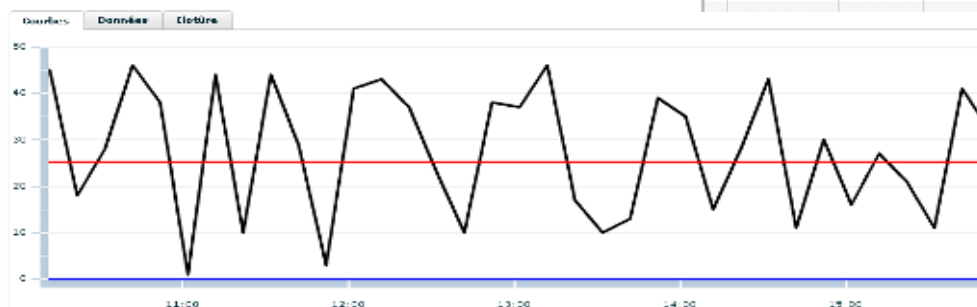
Detailed features

- Read Ethernet sensors
- Mission and downloads Thermo Buttons 21G, 22L, 22T and 23
- Data archive per Equipment
- Tree view of Equipments in Zones and Locations
- Temperature graphs with high and low alarm thresholds
- Temperature log per equipment for any user specified period
- List of the temperatures with highest point, lowest point and average
- List of alarms with the detail of the corrective actions
- Integrated Note Pad to add comments
- Print list of temperatures
- Print list of alarms
- Print graphs
- Export to Excel
- Periodically and automatically send the temperature graphs by Email
- User preferences and rights :
  - Access restrictions by Locations, Zones or Equipments
  - Language (French, English, Spanish, German)
  - Date format
  - Temperature format (°C or °F)
- Data kept 5 years on our servers
- Access with secured login and password with validity period
- **Complies with FDA - CFR21 Part 11**

CFR 21 Part 11

Use Thermotrack-Webserve in your shops, restaurants, remote sites…

You can create as many users as you want.
You can group Equipments in Zones and Locations and decide which are the equipments can be accessed by each user.
You choose and change these parameters whenever you want.

Automatic messages by Email, SMS or Pop-Up in case of alarms

Thermotrack Webserve informs you when temperature exceeds the thresholds, either by Email, SMS or Pop-Up. For each equipment under control, you choose the users who will receive the alarm messages. The SMS are sent directly by Thermotrack-Webserve. You don't need any GSM subscription.

Sensor Net Connect

A simple, cost effective and user friendly solution to control the temperature of your equipments in <u>real time</u> using your standard Ethernet network. No specific wiring required.

Sensor Net Connect is a smart hub that you connect directly on your Ethernet Network and on which you can plug up to **3 temperature or humidity sensors.**

The Sensor Net Connect transfers data registered by the sensors at the desired frequency. Data are sent directly to Thermotrack Webserve via free software installed on a PC connected to the Internet. The system informs you whenever a temperature threshold is exceeded. Thermotrack Webserve offers you efficiency and simplicity.

Sensor Net Connect features

- Embedded web server
- Works with fixed IP addresses or DHCP
- Can connect up to 3 sensors
- Connects to the network via Ethernet Cable or Wi-Fi (802.11b WEP or WPA)
- 9V powered
- ABS casing Dimension 14 x 8.4 x 3.5 mm

Digital Sensor

- High accuracy digital sensors -55/+110°C
- Accuracy ±0.5°C
- Resolution 0.1°C
- Cable length : 2 meters

Temperature and Humidity Sensor

- High accuracy relative Humidity 0/100% -40/+85°C
- Accuracy 10/90% ±3% / ±0,2°C at 25°C
- Resolution 0.4% /0.1°C
- Cable length : 2 meters
- Dimensions 80x80x21 mm

PT 100 Sensor for low and high temperatures

- PT100 -200/+250°C
- Accuracy ±0.3°C at 0°C (Class B)
- Resolution 0.1°C
- Cable length : 2 meters
- Diameter 6 mm, length 40 mm 316L. Teflon wire
- Connection to the Sensor Net connect through PT100 interface

PT100 to Sensor Net Connect Interface

- Connects any PT 100 sensor (3 or 4 wires) to the Sensor Net connect
- Converts analog values to digital values
- Electrically powered by the Sensor Net Connect

Extension cables available (10 meters, 25 meters)

Thermo Buttons – Hygro Button

The smallest temperature / humidity loggers in the world
Used for traceability of all equipments where real time monitoring is not necessary

Presentation

- Ø 16 mm, 6 mm thick
- Protected in stainless steel can
- Water-resistant, IP 65
- Unique serial number

Common features

- Records date and time
- Programmable low and high alarm thresholds with temporization parameters
- Start delay

4 different models compatible with Thermotrack-Webserve

	Thermo Button 21G	Thermo Button 22L	Thermo Button 22T	Hygro Button 23
Temperature range °C	-40 / +85°C	-40 / +85°C	0 / +125°C	-20 / +85°C
Temperature range RH				0 / 100%
Accuracy	± 1°C	± 0.5°C	± 0.5°C	±0.5°C – 5% RH
Resolution	0.5 °C	0.1 or 0.5°C	0.1 or 0.5°C	0.1 or 0.5°C
Number of measurements	2048	4096 or 8192	4096 or 8192	4096 or 8192
Sample rate	1 to 255 min	1 sec to 273 h	1 sec to 273 h	1 sec to 273 h
Battery life span	10 years max			

Attachments

Color key fob

Eyelets to permanently fix on pallets or containers

PVC Card (credit card size)

Thermo Buttons reader

To program and read your Buttons on a PC with USB connection

TB Net Connect

A simple and quick way to read the buttons **without a PC**.
Plugged on an Ethernet port, it sends data from the button to Thermotrack-Webserve in less than 5 seconds.
The button can also be permanently plugged for regular automatic upload