HXPERIENCE

Ambient temperature

Room temperature is one of the key factors in occupant comfort. The control of relative temperature and humidity is all the more important in sedentary places. It must be monitored to avoid thermal discomfort on the one hand and the spread of seasonal diseases on the other.

The solution

+ Autonomous sensor for measuring temperature and humidity.
+ Display of daily average values and visualization of your entire assets.
+ User configurable alerts and notifications based on a predefined temperature.
+ Trusted solution referenced **UGAP.**
+ Ability to set up email notifications in case of an alert.

The Benefits

+ Regulatory compliance and occupant information.
+ Implementation of an action program adapted to the occupants.
+ Temperature monitoring for the most sensitive people (infants, elderly).
+ Limitation of building and equipment damage due to temperature and/or humidity.

What the regulations say

- The X35-203 standard defines, among other things, the "thermal comfort conditions", with a temperature between 20 and 22°C in offices.
- It is recommended a maximum difference of 6 to 8° between indoor and outdoor temperature. The ADEME recommends a minimum of 9° for nurseries.
- European standards recommend a humidity level between 30 and 70%, which limits the development of microbes or chemical reactions are the least favored.
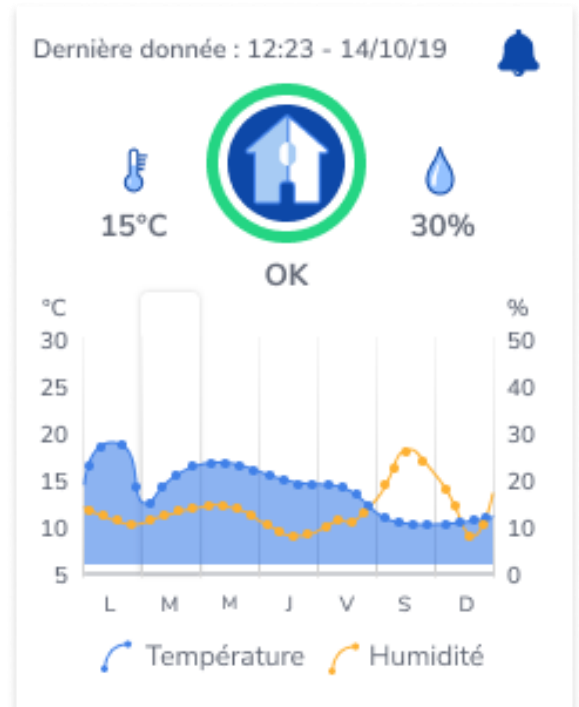
Did you know that?

When the difference between the outside and inside temperature is too great and there are too many abrupt changes from hot to cold or vice versa, there is a risk of thermal shock due to air conditioning.

Smati application

- Collection, processing and restitution of temperature and hygrometry data.
- Immediate visualization of the installation situation.
- Display of the latest values and daily data.
- Pre-configured and easily configurable notification alerts.
- Possibility to define different access and use rights.

Ambiance

Dernière donnée : 12:23 - 14/10/19

15°C   OK   30%

Température   Humidité

Sensor: NKE Temperature Remote 1 sensor

- Temperatures : (°C) -20 / +90°.
- Humidity: < +75%rH.
- Battery operated.
- 12 years of autonomy (data compression mode)

Connectivity: Objenious by Bouygues Telecom

- [1st] national network dedicated to connected objects.
- 95% of the population and more than 30,000 municipalities covered.
- 100% integrated into the SMATI environment.