

**CHANGE THE WAY YOU LOOK AT  
YOUR ENERGY CONSUMPTION:**

**Install  
Save  
Smile...**



## Who are we?

### *An experienced team*



**Paul BERTRAND, engineer**

*President*



**Jean-Jacques POUBEAU, Physics Ph.D**

*VP*



**Adrien BERTRAND, engineer,  
cybersecurity M.A.Sc**

*CTO*

## Stick'n Sense, an innovative French company for more than 10 years

Stick'n Sense designs and develops hardware and software solutions that enable our integrator partners to **save energy** for their customers.

Thanks to its **patented innovations** both in France and internationally, the Stick'n Sense technology is the basis of PanelWatch®, the first SaaS that allows **real-time remote monitoring** of low-voltage electrical panels: main consumption items, temperatures, and circuit breaker health statuses.

The measurements are processed on our **dedicated servers** hosted only in France and Europe, in full compliance with data confidentiality.



## Our OFFER



**PanelWatch® is powered by the worldwide-patented Stick'n Sense technology**

**PanelWatch® is the first SaaS for **real-time remote monitoring** of circuit breakers on a low-voltage electrical panel that allows:**

- Estimate the power consumption for each instrumented circuit breaker (up to 200 per panel)
- Measure the temperature of each circuit breaker
- to warn about overconsumption or overheating

**This information allows you to, among other things:**

- monitor energy consumption by category (heating, furnaces, pumps, lighting, etc.)
- identify sources of energy savings
- establish an energy efficiency strategy
- assess fire hazards (overheating of circuit breakers)

**They trust us:**





# PATENTED & PROVEN TECHNOLOGY

Micro-sensors to be **installed on modular circuit breakers** of low-voltage electrical panels.

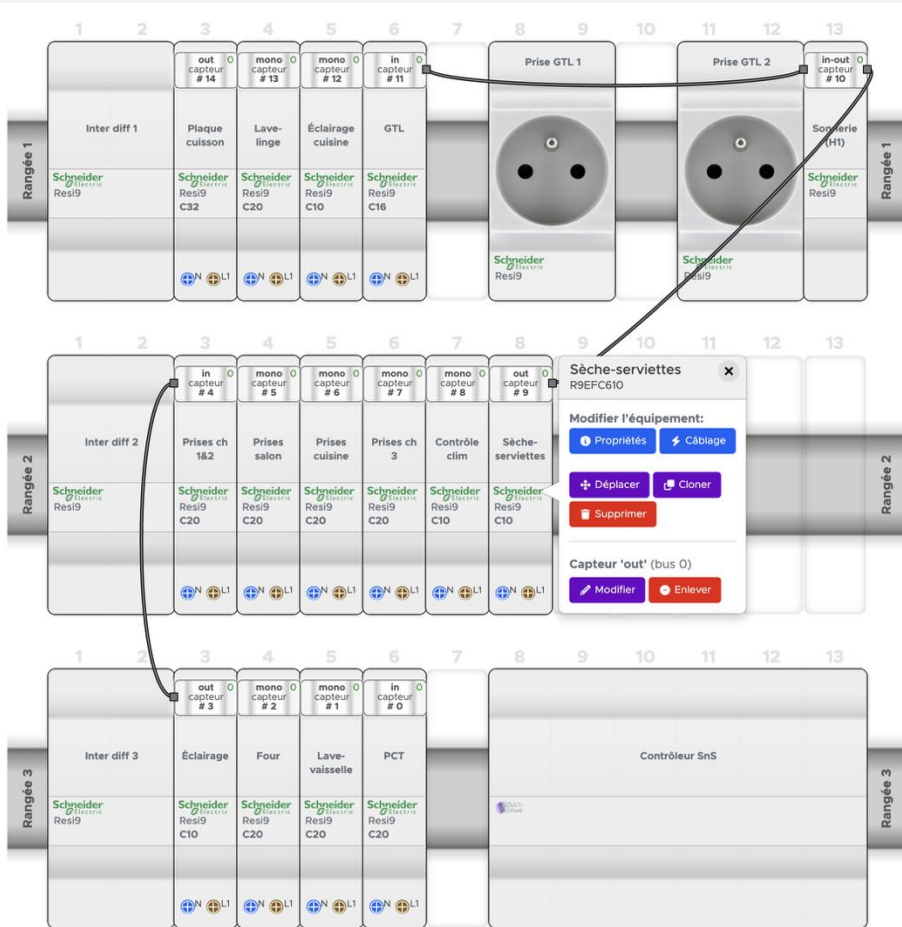
The signals are transmitted every 3 seconds to our servers which transform the signals into consumed energy, in 10 min data points.

## Key advantages over conventional technologies:

- **Very small footprint** (up to 200 sensors per panel) compared to other solutions (e.g. CT)
- Easy installation without changing the electrical wiring, as well as **without outages or usage interruptions**
- Updates are done remotely without the intervention of personnel.
- **Low cost**: return on investment in a few months
- **Robust and proven technology**. The first install sites are still active and have been maintained for almost 10 years.



# Tools and Services in PanelWatch®



## An installation and configuration tool allowing:

- the creation of a **digital twin** of the electrical panel, its configuration and visualization
- **Easy**, step-by-step installation in the table
- Checking the **proper functioning and diagnosis** of the system

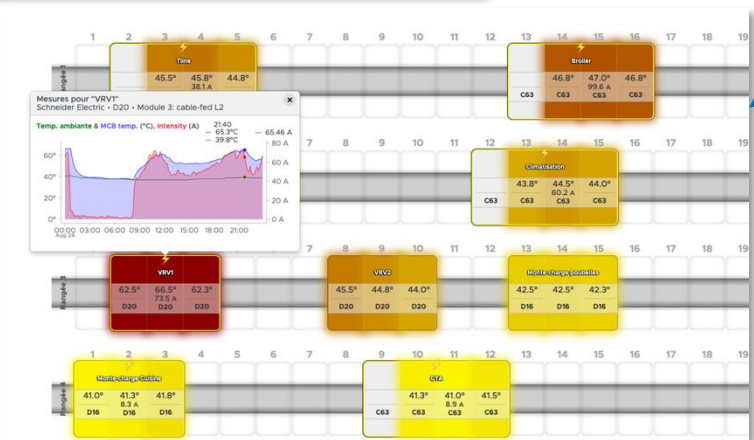
## Alarms in case of:

- On/off schedule discrepancies
- Consumption drift of a load
- Circuit breaker overheating
- etc.

## Periodic reports and APIs for transferring data to third parties.



# Real-time example of an installation status



# Example of an automatic report\*

*A monthly version is also available*



*\* From a real installation*

*Interactive HTML Report + PDF Version*





# Q & A

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Thank you!



# PanelWatch

