



# 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.



*and energy makes sense...*

# 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.

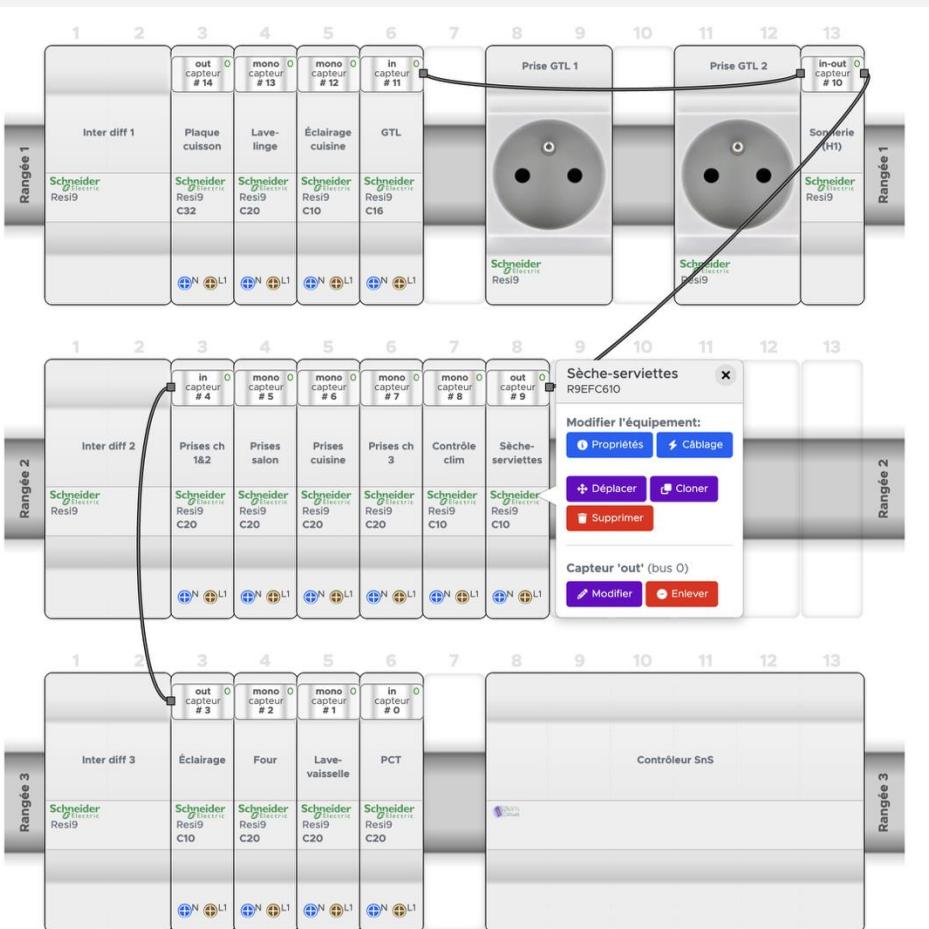
The signals are transmitted every 3 seconds to our servers which transform the signals into consumed energy, in 10 min data points.

## **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



Tableaux électriques

+ Nouveau tableau		#	Nom	Type	Rotation	Rangées	Modules/rangée	Marque	Référence
	Outil d'install	1	pb1	cabinet		0	10	24	
	Modifier			Données		Carte de chaleur			
	Supprimer								
	Outil d'install	2	pb2	cabinet		0	11	24	
	Modifier			Données		Carte de chaleur			
	Supprimer								
	Outil d'install	3	pb3	cabinet		0	10	10	
	Modifier			Données		Carte de chaleur			
	Supprimer								
	Outil d'install	4	pb4	cabinet		0	3	13	
	Modifier			Données		Carte de chaleur			
	Supprimer								



# 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

