

The First Smart-Home-Ready Electrical Panel

A combined Solution for Energy & Smart Home Management in Residential

WHAT DO WE BRING TOGETHER

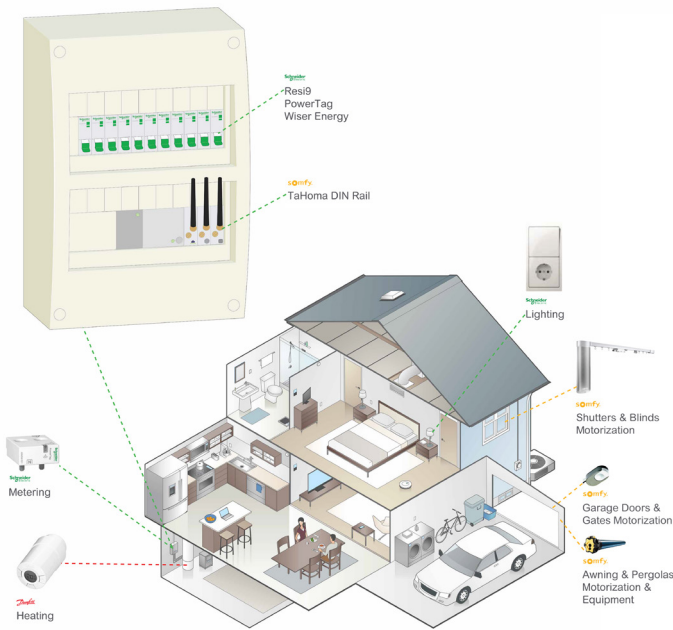
The Schneider Electric RESI9 electrical panel could now include, in new built residential, a full connectivity platform based on two expert systems: Wiser for energy and TaHoma for smart home. The electrical panel becomes a hub not only for electrical safety, but also for the smart home environment including electrical monitoring, shutters & blinds control, heating and lighting, access and security management.

In retrofit, TaHoma DIN rail can be added to any existing Schneider Electric panel.

The solution is hardware based and includes the usage of two apps: the daily routine TaHoma smart home app and the Wiser app to get deeper insights on energy management.

Main features are:

- Seamless integration of the Schneider Electric Wiser with Somfy smart home
- Products are all installed in the Resi9 Schneider Electric panel by panel builder
- Compatibility through TaHoma DIN Rail to the Danfoss thermostatic radiator valve.



Resi9, Wiser, TaHoma DIN Rail and Danfoss Connect

WHAT ARE THE MAIN STAKEHOLDER BENEFITS


Real Estate Promoters
and Home Builders

- Products are already pre-installed in the Electrical panel: it can't be damaged, stolen, it's built-in so it's an asset of the house in the new built home.
- The system is adapted to single residential or collective residential.
- The system can integrate all smart home functionalities of Somfy TaHoma and all functionalities of Wiser: but the main architecture is Wiser Energy module with a Somfy TaHoma.


End Users

- A single interface for everyday life combining Smart Home & Energy Management
- Maximize the Energy Optimization:
 - When no one is home or at night switch to eco-mode:all shutters down, electrical high consumption charges off.
 - Create scenarios including mixing energy consumption optimization and shutters.


Installers

- Easy commissioning between the combined solution – ensure the full compatibility and provide tested documented functionalities
- Efficiency
 - Pre-cabled and partly pre- set-up of the electrical panel with potential motors pairing at the panel builder site.

TARGETED GEOGRAPHIES



- First targeted countries, France, Germany, Austria and Switzerland.
- Other European geographies (Nordics) as second wave

WHAT DO WE DELIVER

Schneider Electric

- PowerTags (1P, 3P depending on the geography)
- MIP module + PLC if necessary
- Resi9 fully equipped panel including a reservation of 7 to 11 modules for the TaHoma DIN rail mounted connectivity concentrator (in the electrical panel)
- Compatibility to Wiser ecosystem; compatibility to Photo Voltaic panels, Electrical vehicle and residential energy storage systems



Somfy

- TaHoma DIN rail box
- Somfy motorizations and devices
- TaHoma app with Wiser energy module integration
- App and voice control compatibilities: Amazon Alexa, IFTTT, soon Apple Homekit
- 18 partnerships with major home equipment's brands compatible to TaHoma
- Compatibility to all Somfy ecosystem (cameras, door lock, motorized gate & garage doors).

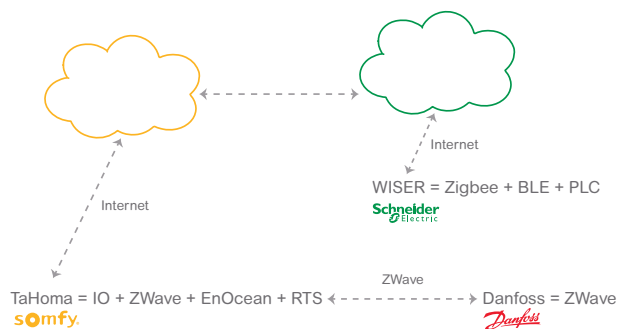


Danfoss

- Connect radiator thermostat: Optimized heating regulation with PID control, Silent motor and long battery lifetime in one user friendly product.



Connectivity Protocols Overview



OUR GO TO MARKET

- Prescription of the integrated solution to Home builders
- Each company delivers its own part
- The installation & integration to be done by Schneider Electric: factory integration + electrician sub-contractor of the home builder
- The commissioning & activation is done by Somfy certified installers